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40TH CONGRESS, } HOUSE OF REPRESENTATIVES. { Ex. Doc.
2d Session. } No. 96.

ANNUAL REPORT

OF THE

COMMISSIONER OF PATENTS

FOR

THE YEAR 1867.

VOLUME III.

WASHINGTON:
GOVERNMENT PRINTING OFFICE.
1868.

IN THE SENATE OF THE UNITED STATES,

January 29, 1868.

Resolved, That 4,000 additional copies of the letters from the Commissioner of Patents, transmitting Annual Report of that office, be printed for the use of the Senate.

IN THE HOUSE OF REPRESENTATIVES,

June 5, 1868.

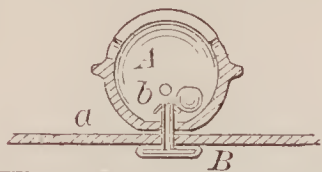
On motion of Mr. LAFLIN, from the Committee on Printing,

Resolved, That there be printed 15,000 extra copies of the Report of the Commissioner of Patents, 10,000 for the use of the House, and 5,000 for the Commissioner.

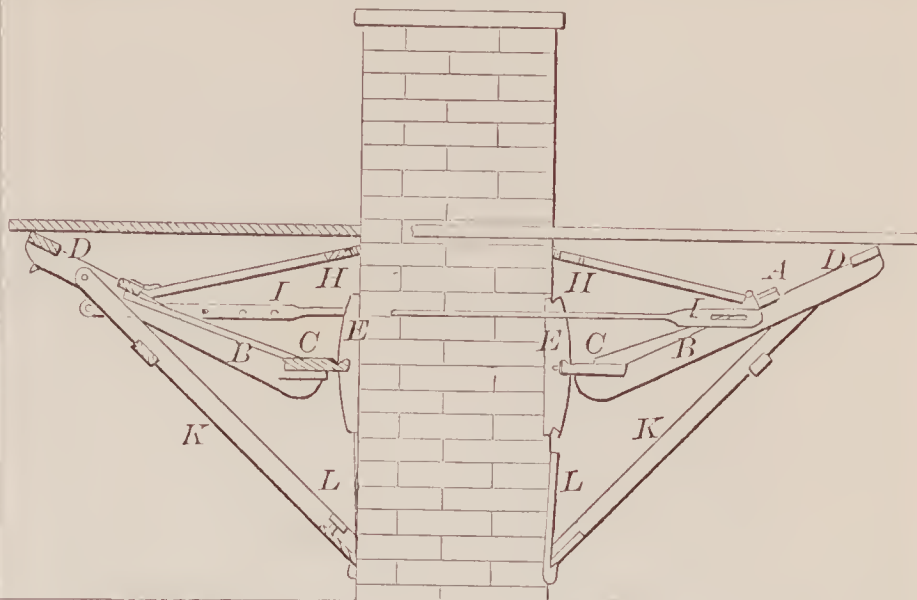
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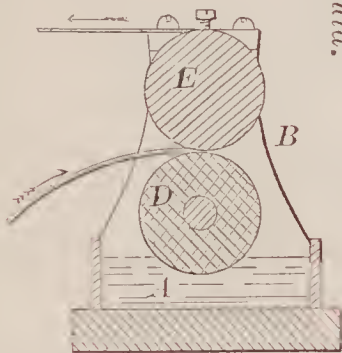
60658—I. H. Abell—*Fastening Sleigh Bells.*



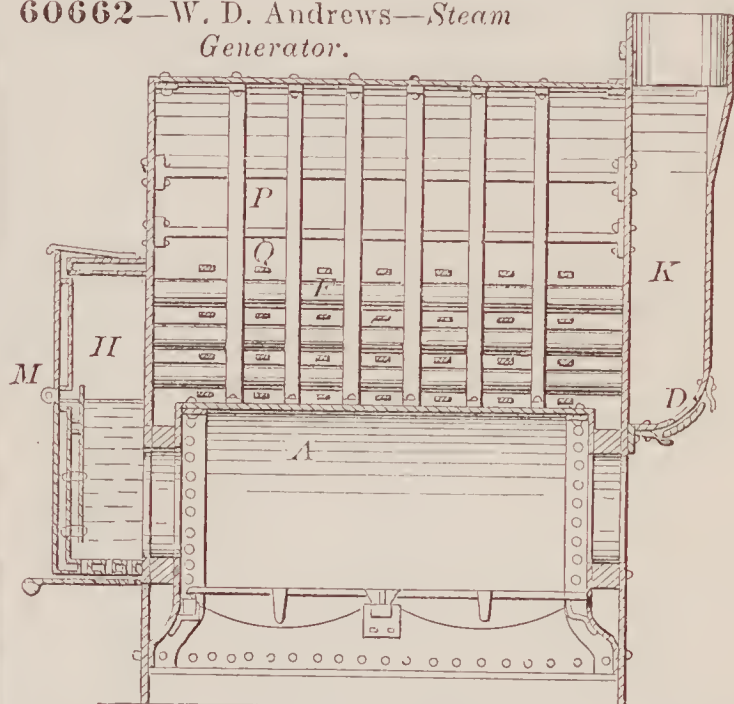
60659—D. D. Adams—*Scaffold.*



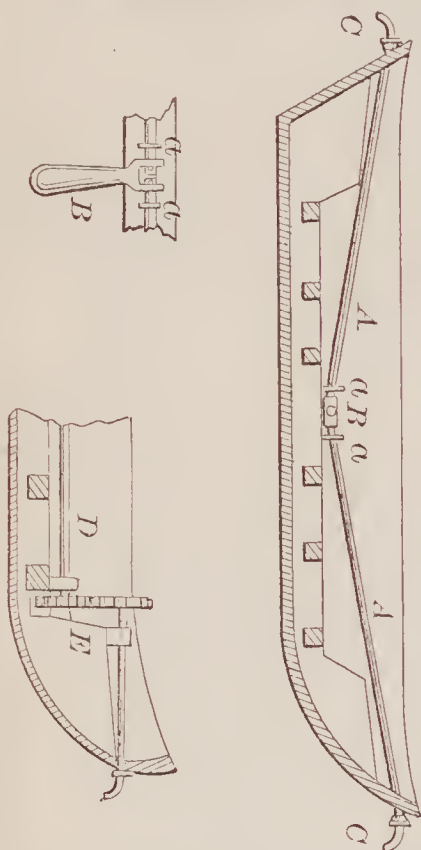
60660—G. Adamson—*For Coating Fabrics with Fluid.*



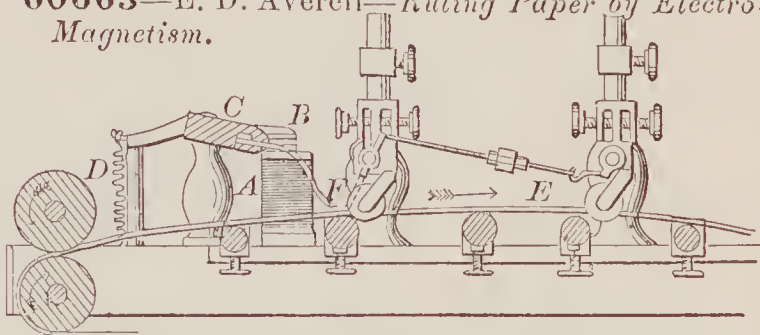
60662—W. D. Andrews—*Steam Generator.*



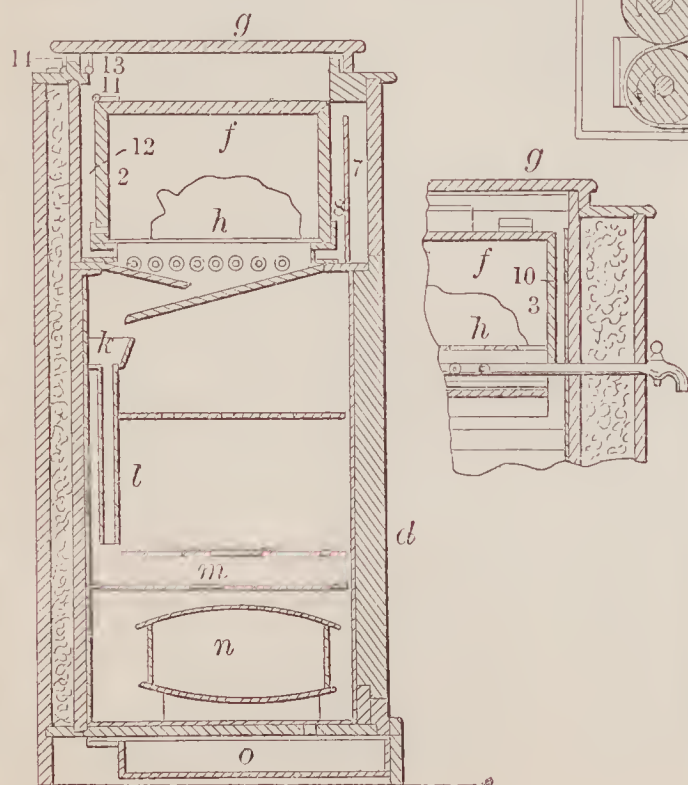
60661—N. B. Allen—*Boat Detaching Apparatus.*



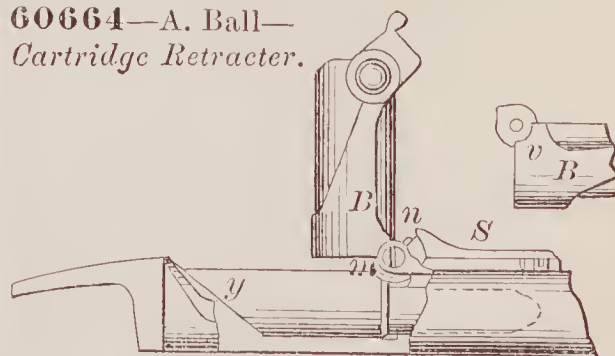
60663—E. D. Averell—*Ruling Paper by Electro-Magnetism.*



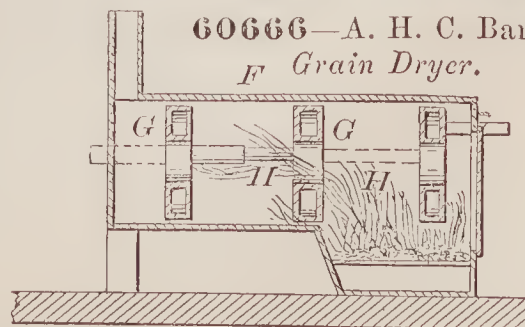
60665—G. A. Banta—*Refrigerator.*



60664—A. Ball—*Cartridge Retractor.*



60666—A. H. C. Barber—*Grain Dryer.*



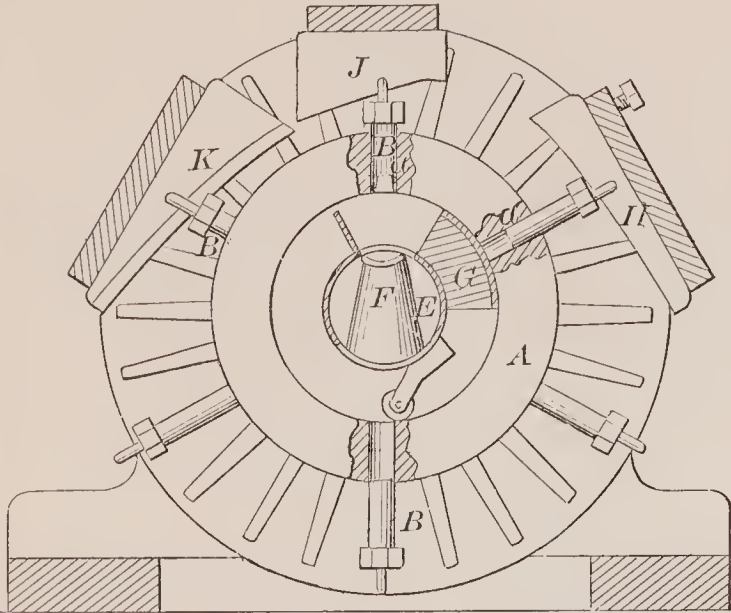
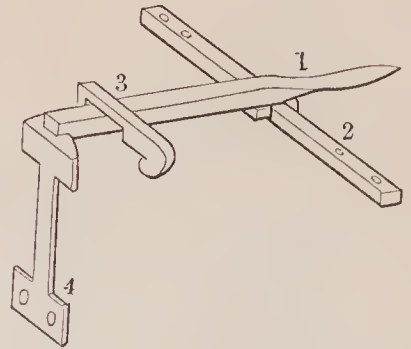
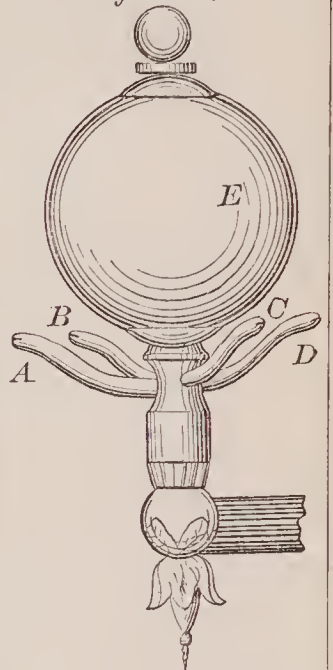
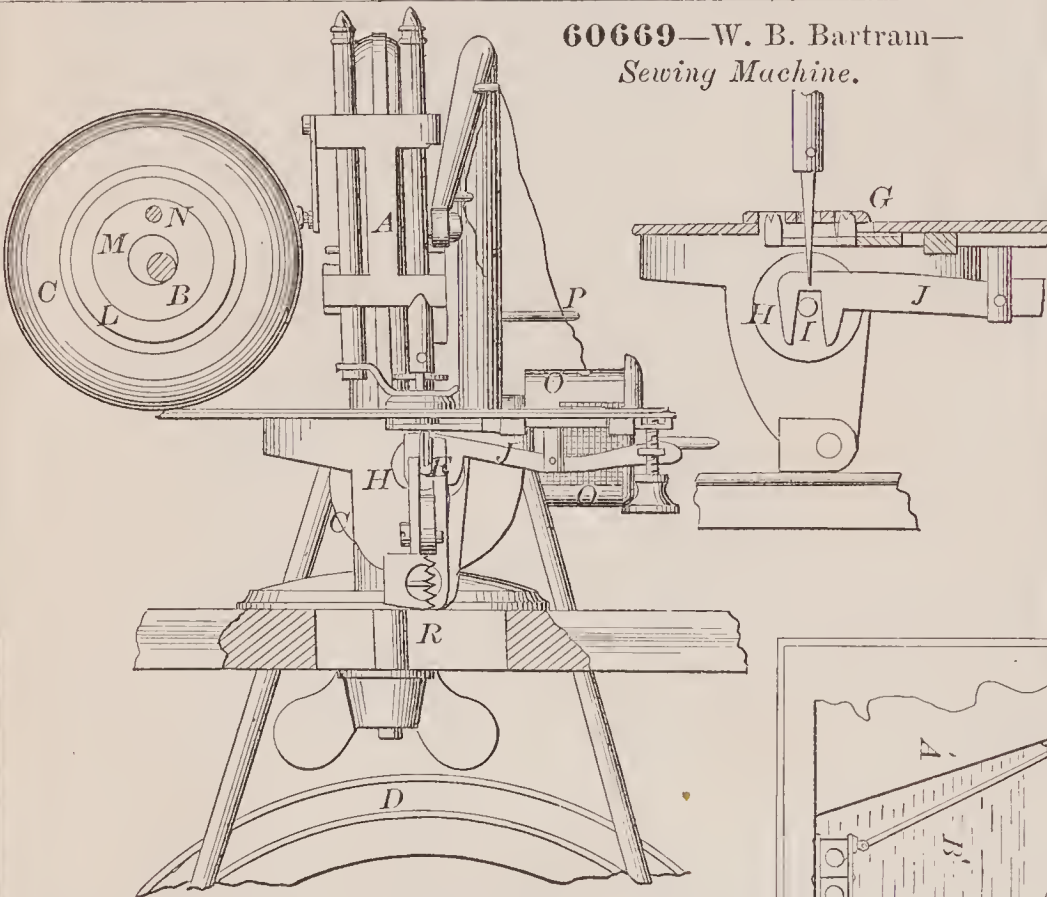
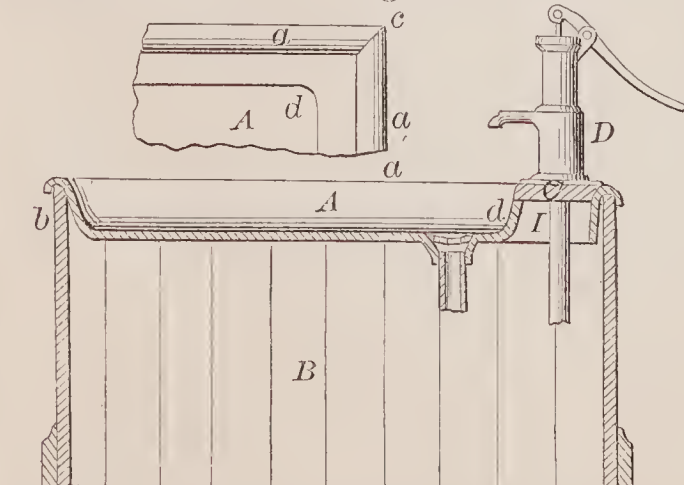
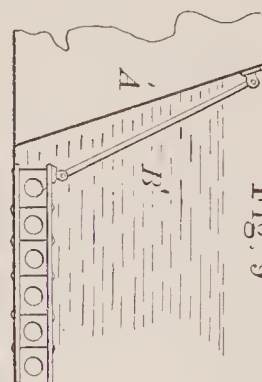
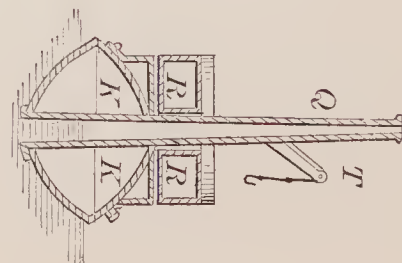
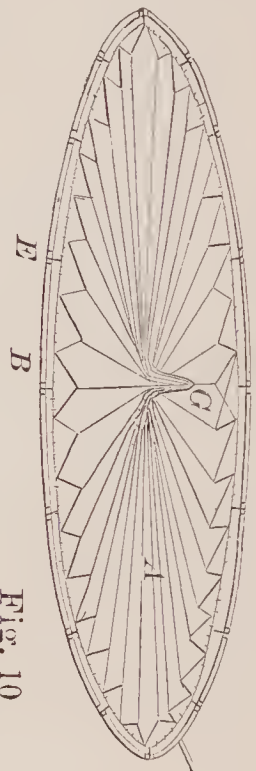
60667—N. H. Barbour—*Peat Machine.*60673—M. Bennett—*Door Fastening.*60674—Berg & Blessing—*Gas Burner and Reflector.*60669—W. B. Bartram—*Sewing Machine.*60668—J. H. Barnes—*Grooved Wheel or Pulley.*60675—L. C & M. C. Bignall—*Sink.*60671—E. Bazin—*For Recovering Sunken Ships.*

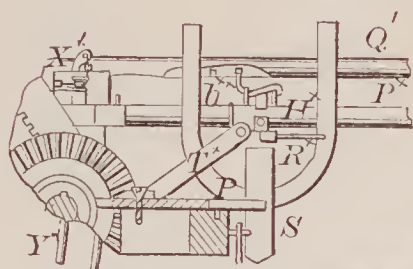
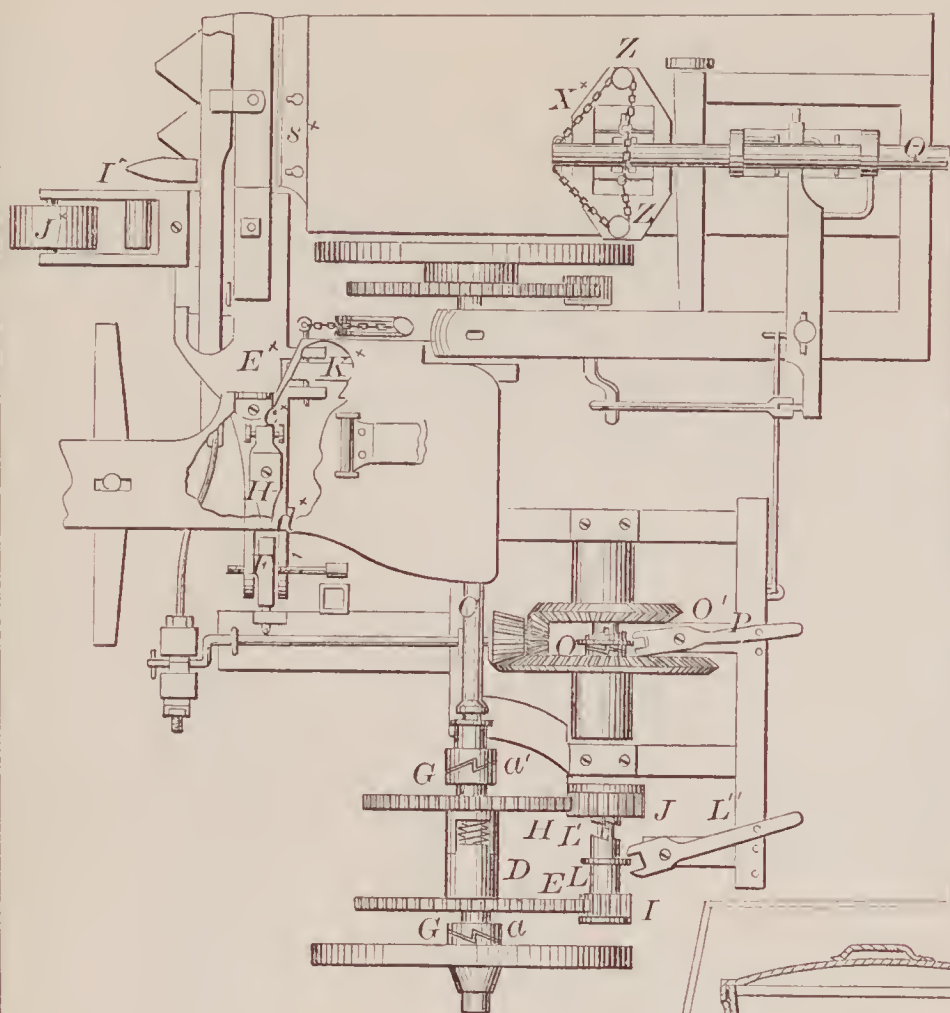
Fig. 9



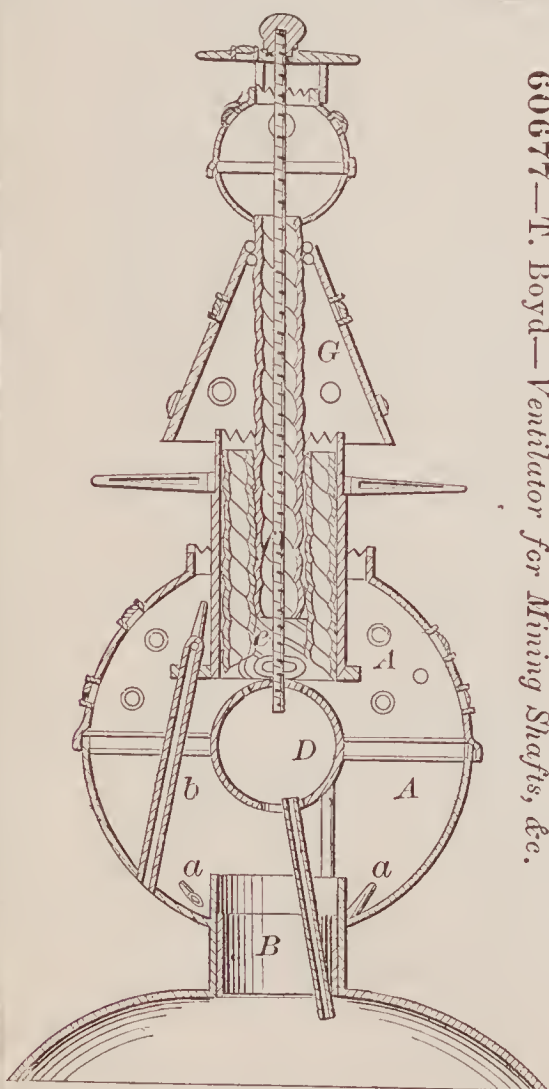
Fig. 10



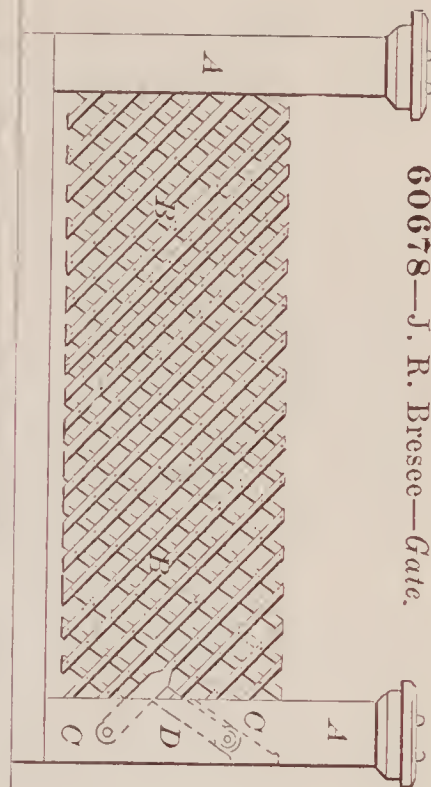
60676—V. W. Blanchard—Harvester.



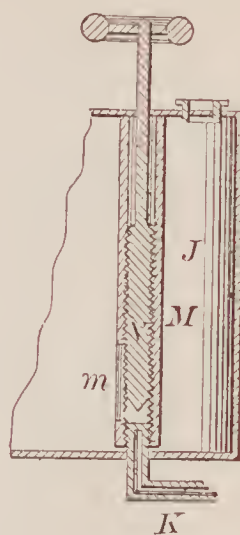
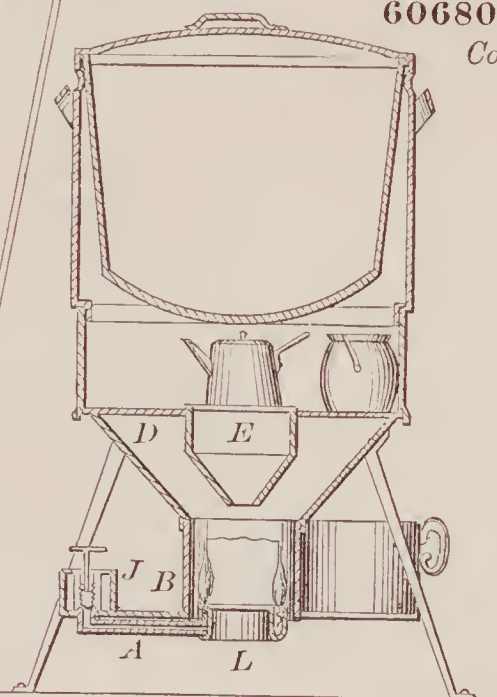
60677—T. Boyd—Ventilator for Mining Shafts, &c.



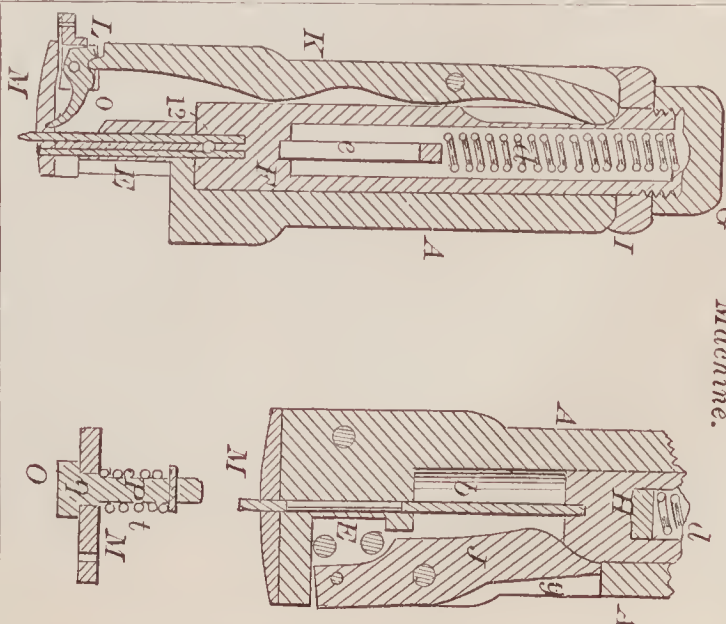
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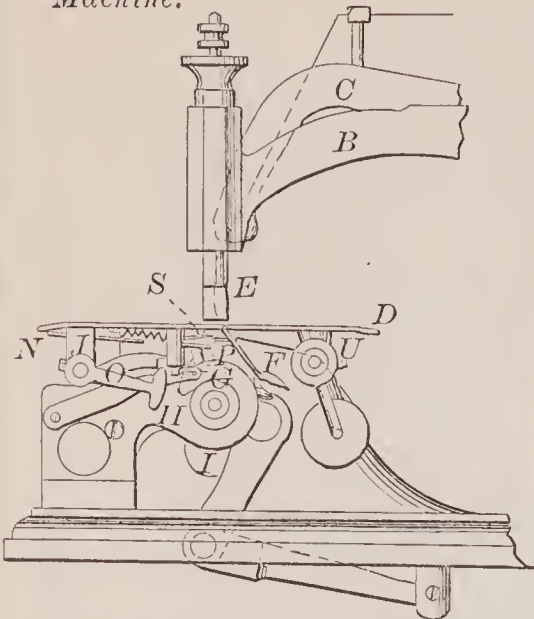
60680—F. H. Brown—Coal Oil Store.



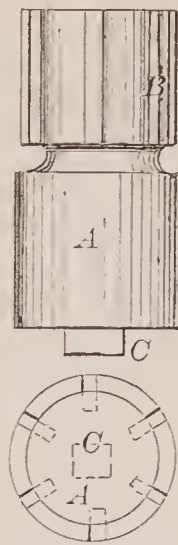
60681—J. H. Brown—Hand Pegging Machine.



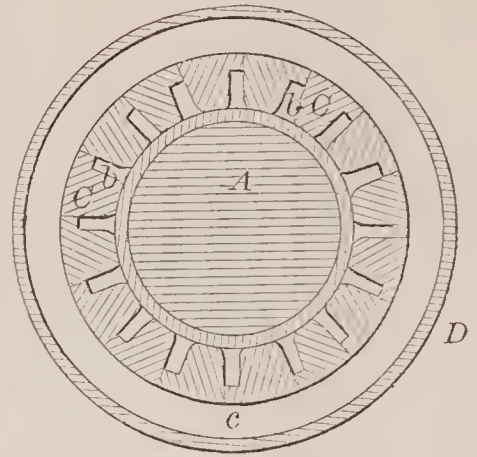
60682—L. B. Bruen—*Sewing Machine.*



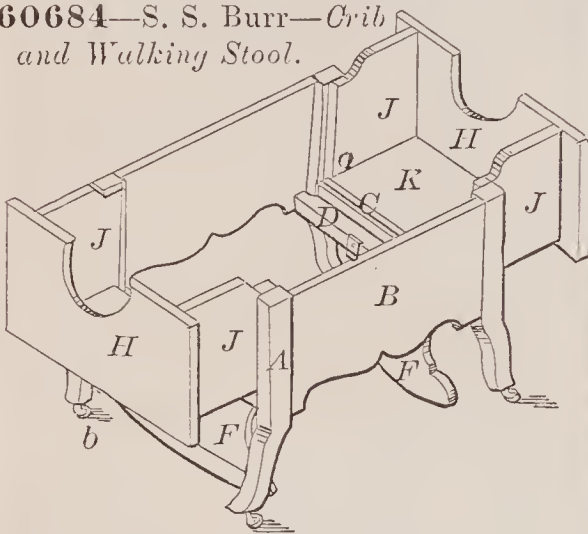
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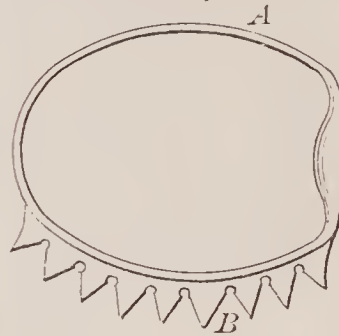
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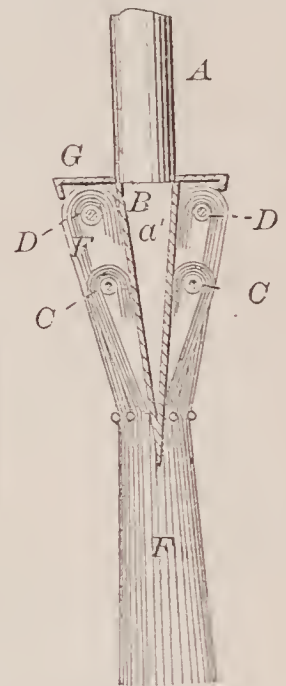
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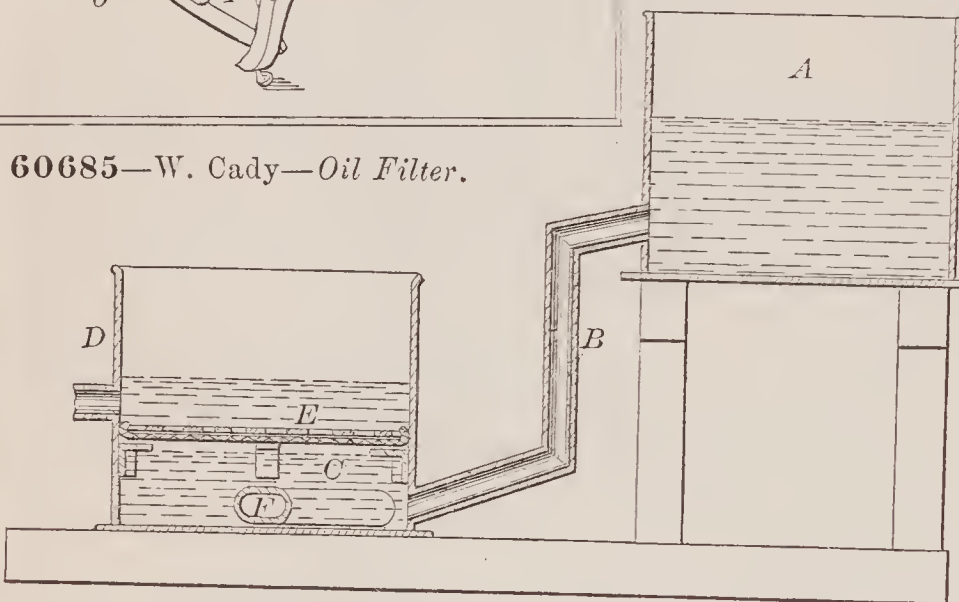
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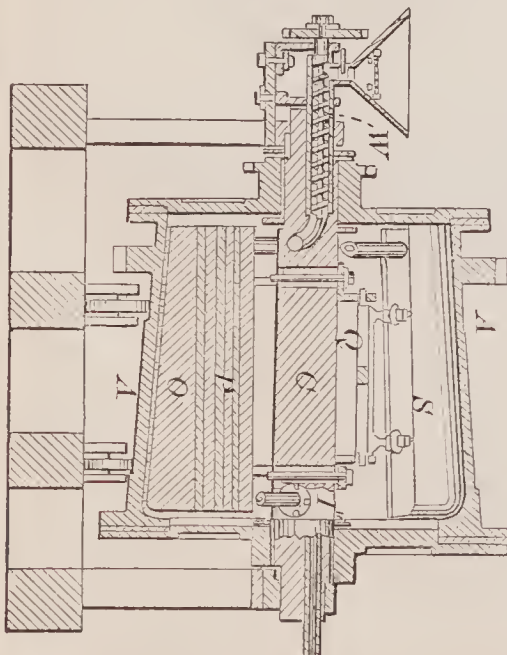
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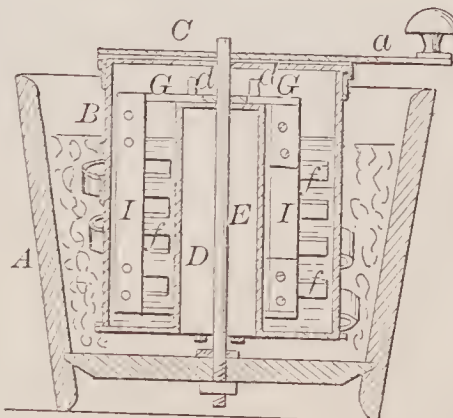
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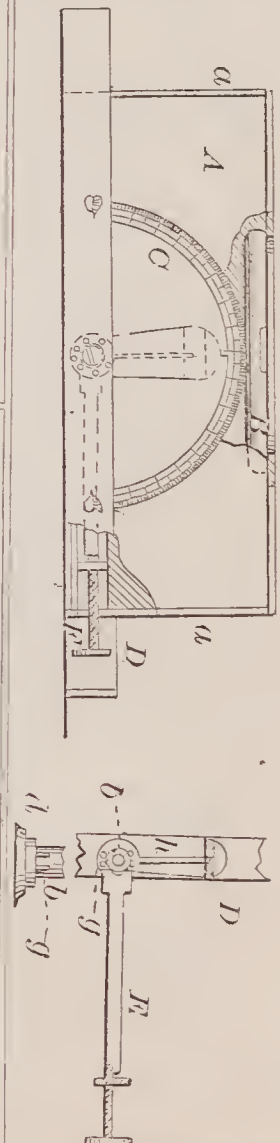
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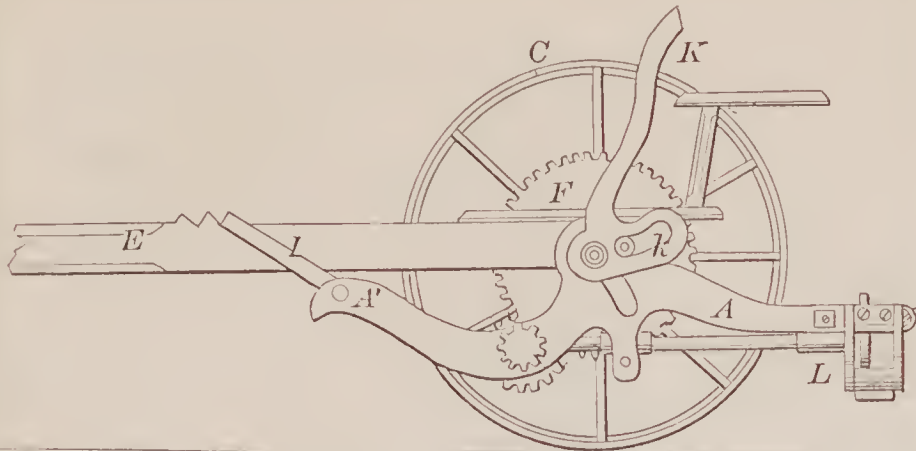
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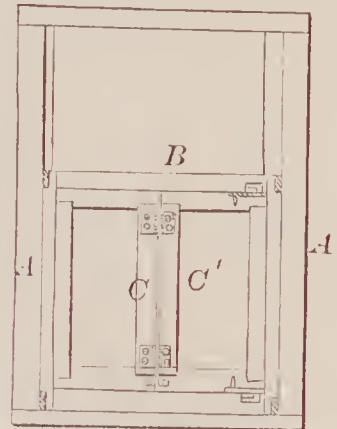
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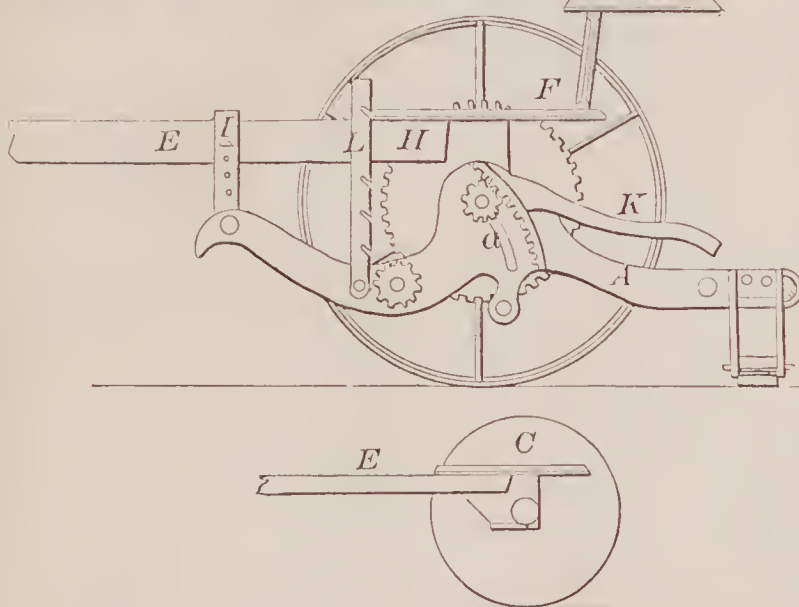
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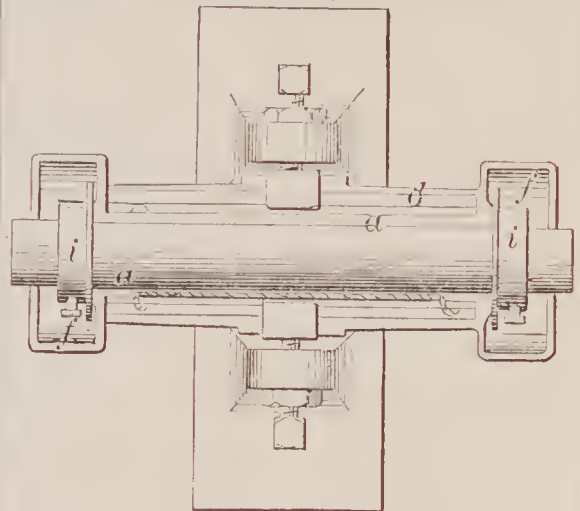
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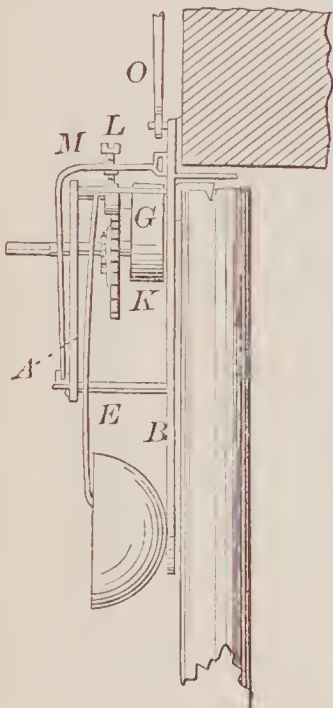
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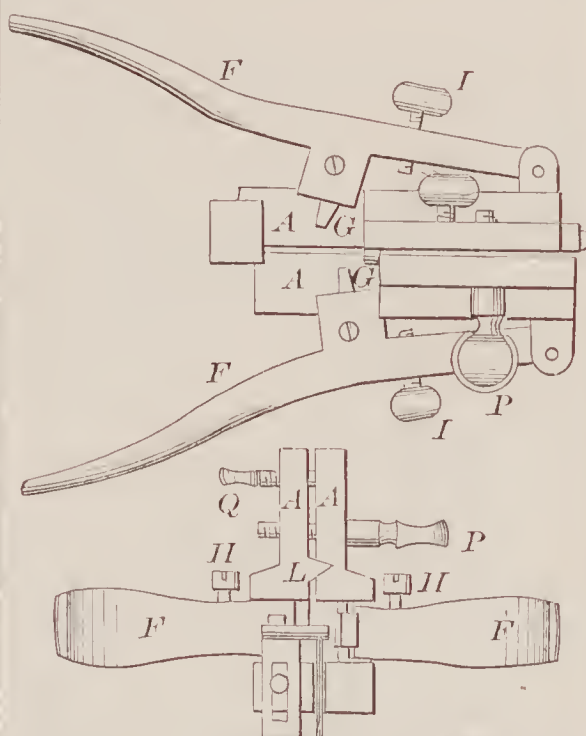
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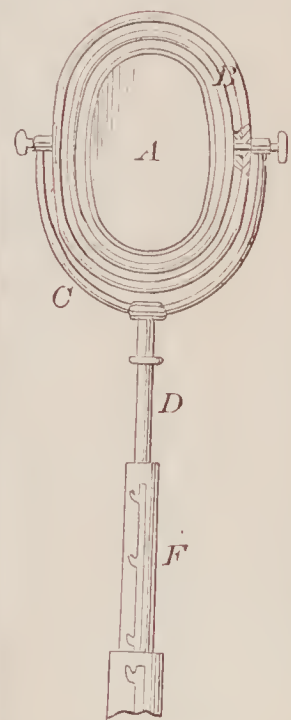
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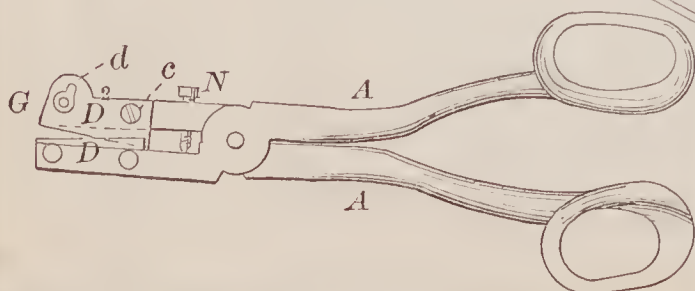
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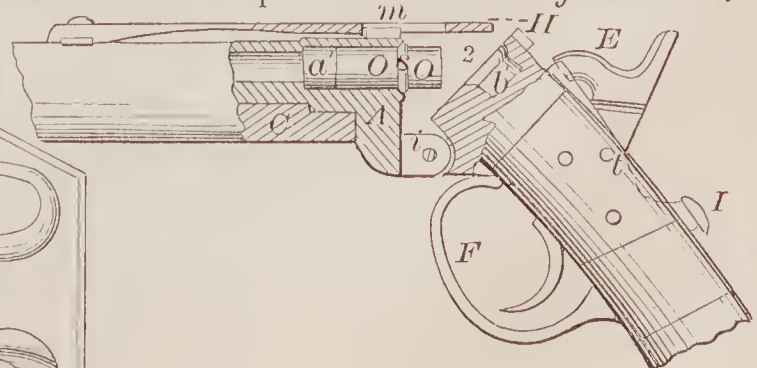
60699—W. C. Cumming—*Hanging Mirrors.*



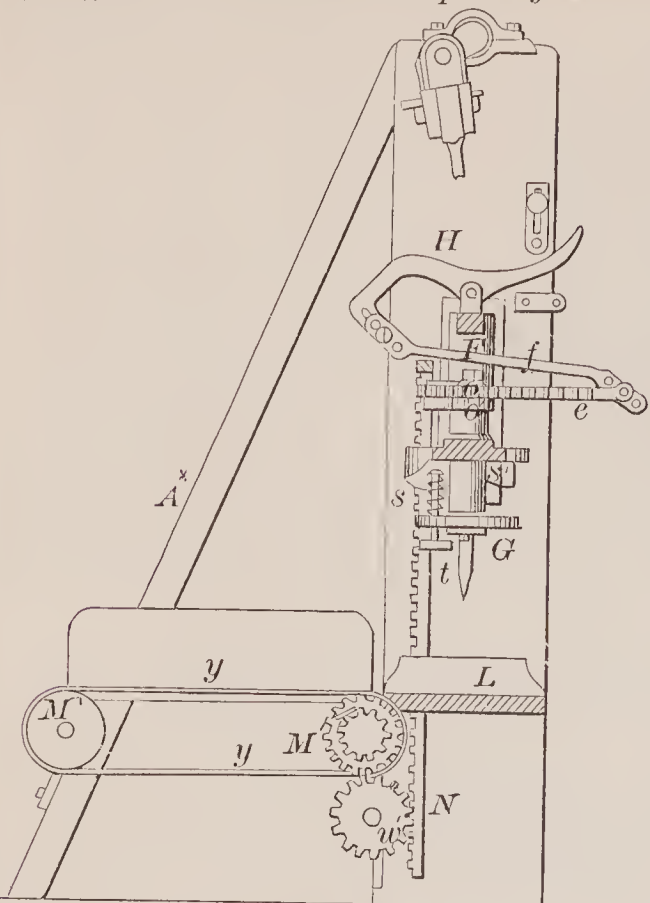
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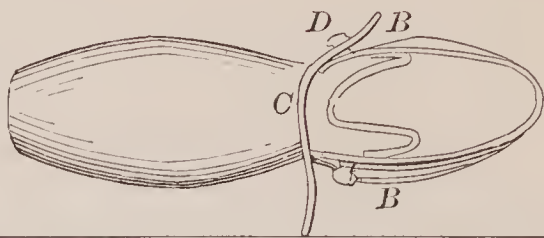
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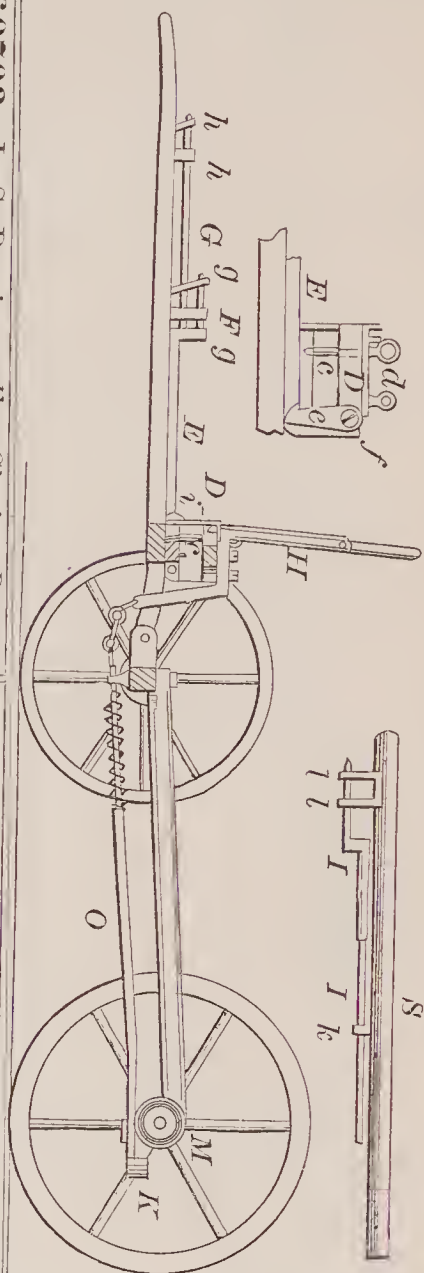
60702—J. Davock—*Wood Splitting Machine.*



60707—M. Evans—*Boots and Shoes.*



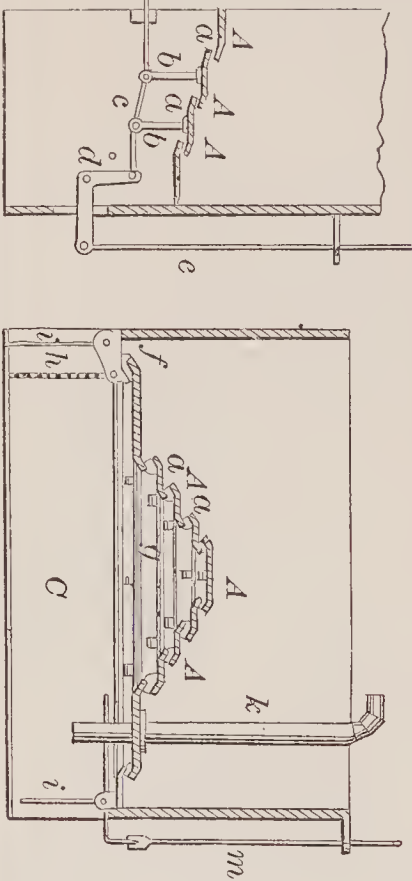
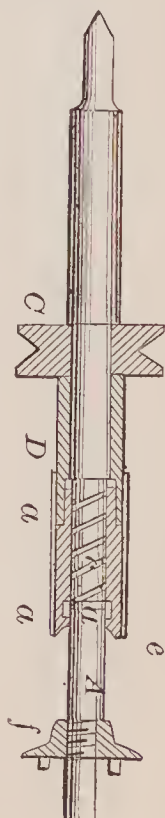
60705—C. DUCUX—*Carriage Safety Attachment.*



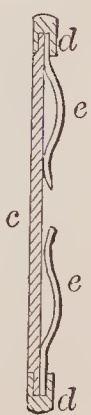
60703—L. S. Deming—For Closing Doors,
Gates, &c.



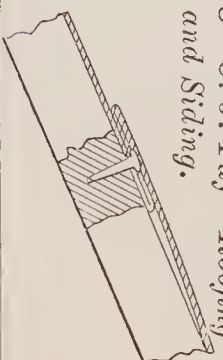
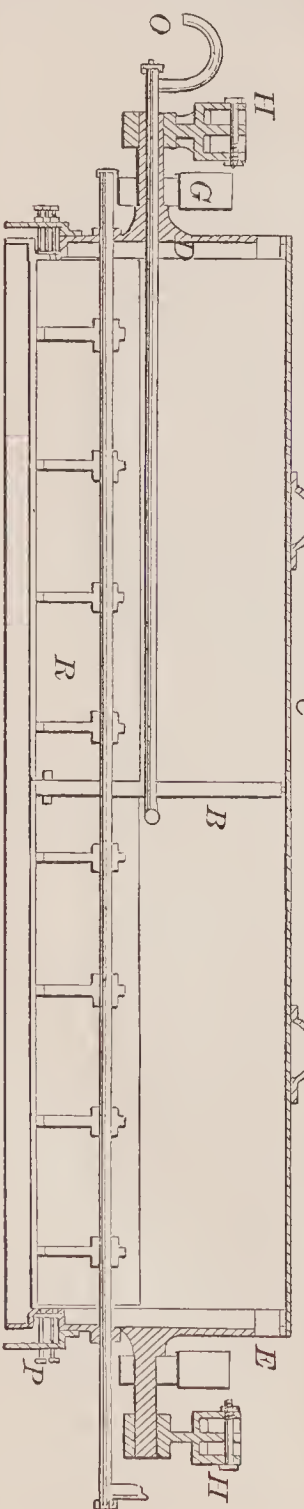
60706—R. Eaton—Steam Boiler Grate.

60704—G. Draper—*Spinning Machines.*

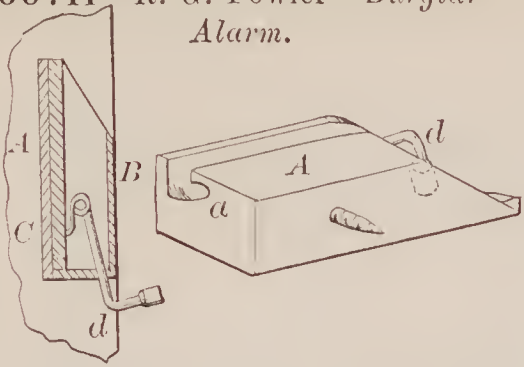
60710—J. Fleischl—*Paper File.*



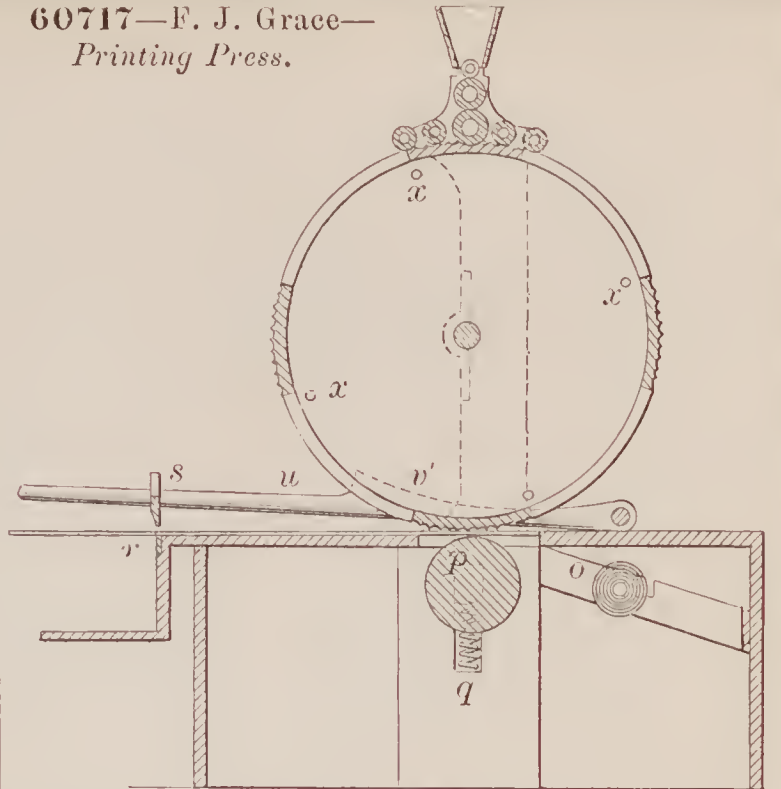
60708—C. J. Fay—*Roofing and Siding.*

60709—T, M. Fell—*Cylindrical Amalgamator*,

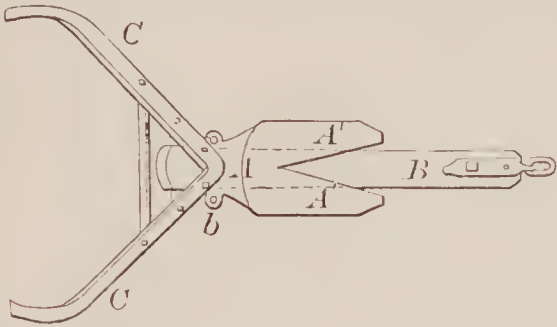
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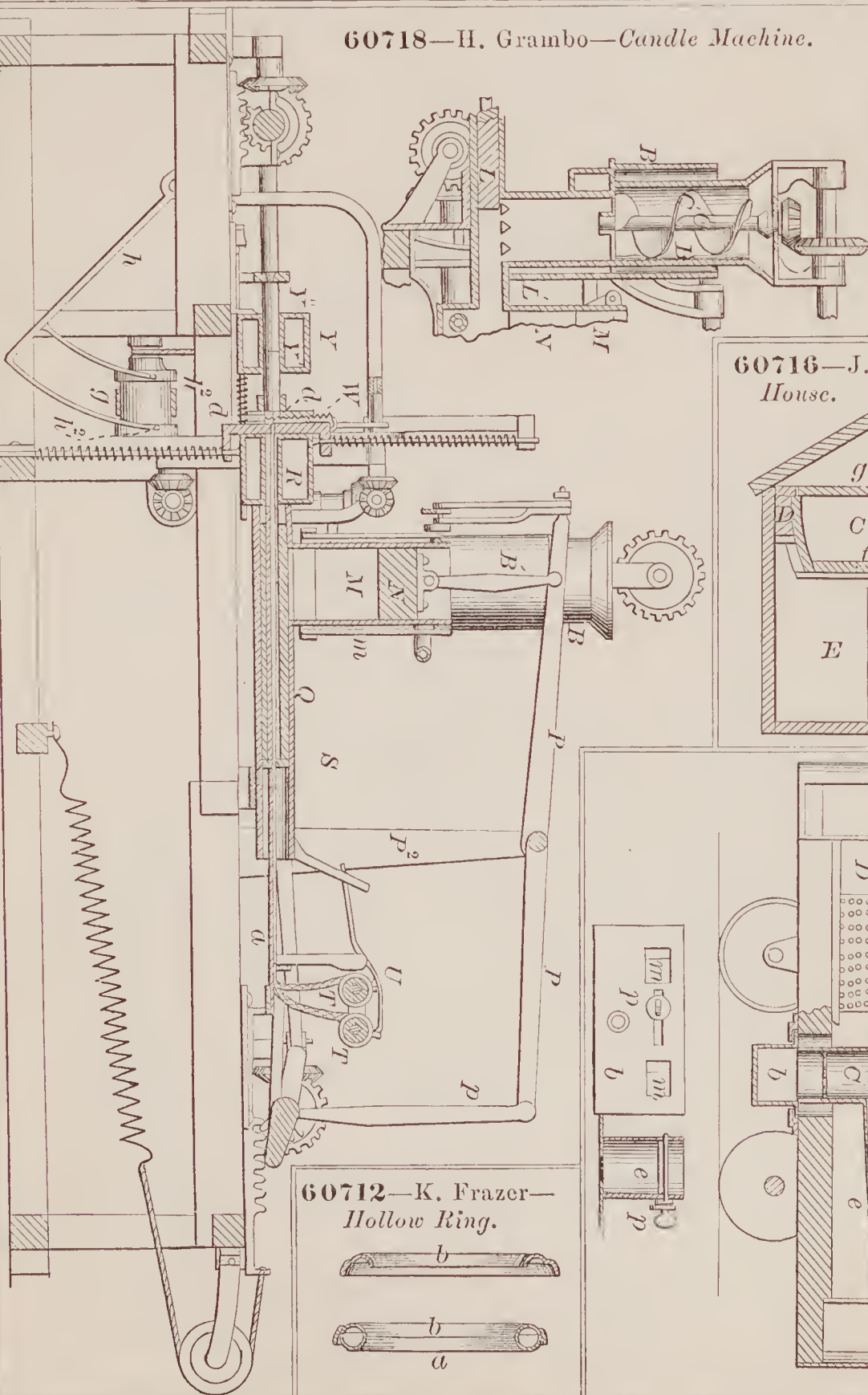
60717—F. J. Grace—*Printing Press.*



60715—B. Goodrich—*Root Extractor.*



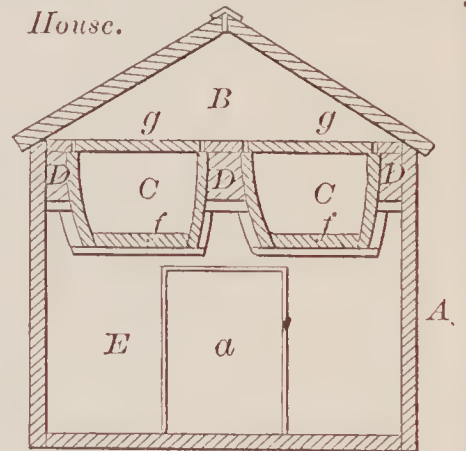
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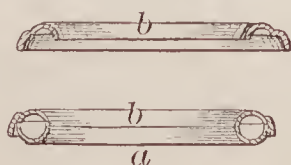
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W. H. Gates—*Machine Belting.*



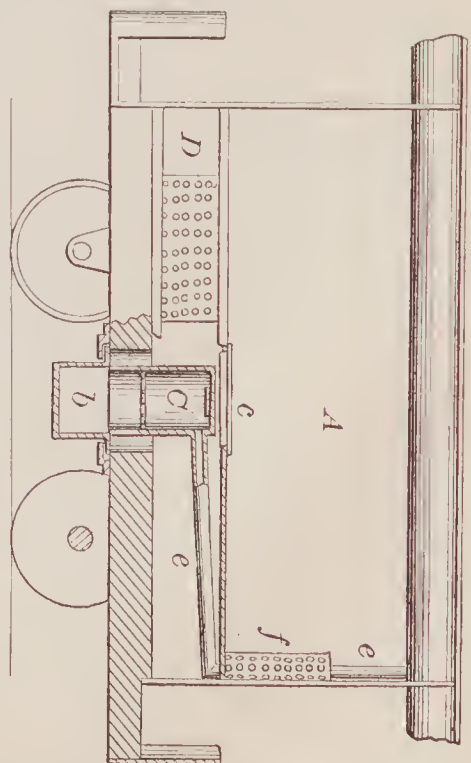
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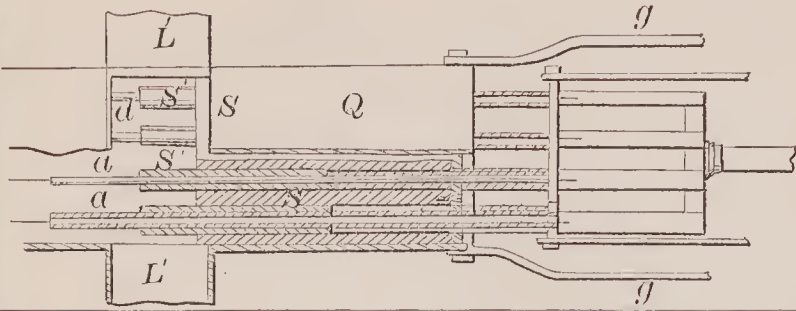
60712—K. Frazer—*Hollow Ring.*



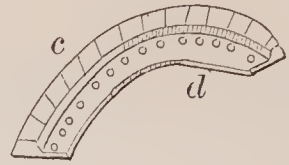
60714—J. Gibson, Jr.—*Car Heater.*



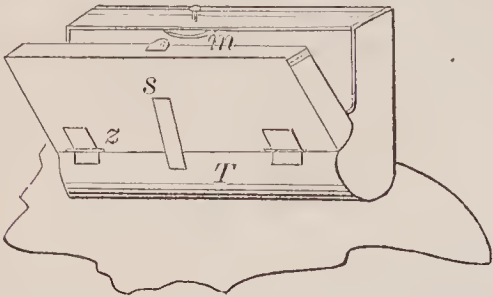
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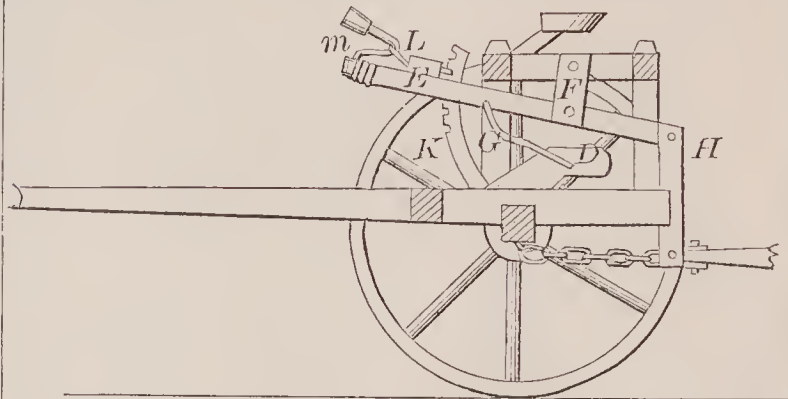
60719—J. Gray—Wear Plate for Boots and Shoes.



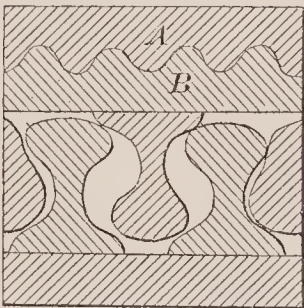
60720—G. Hamel—Safety Pocket.



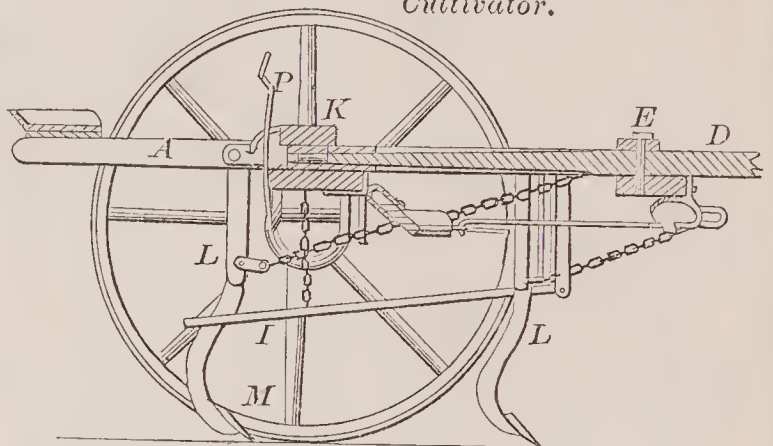
60721—Hammit & Miller—Plow Carriage.



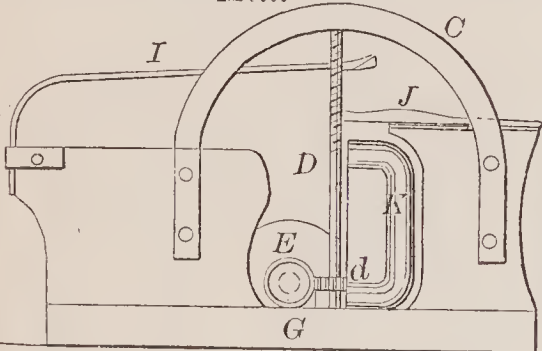
60723—L. M. Hart—Making Steel Headed Rails.



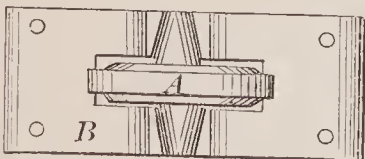
60722—Hammon, Lincoln, Lincoln & Hammon—Cultivator.



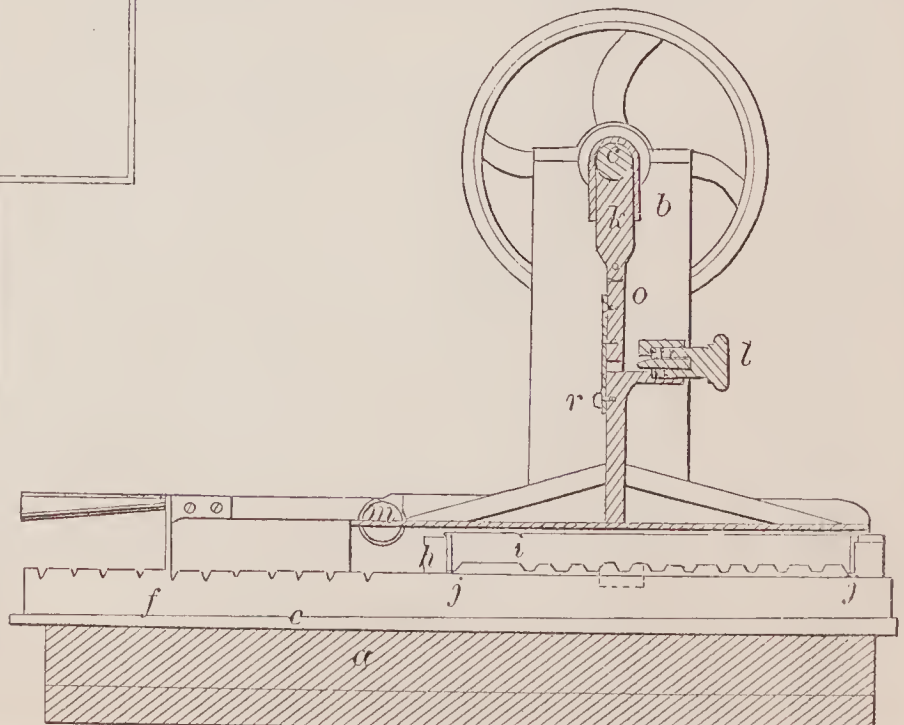
60724—Helton & Redfield—Grinding Mill.



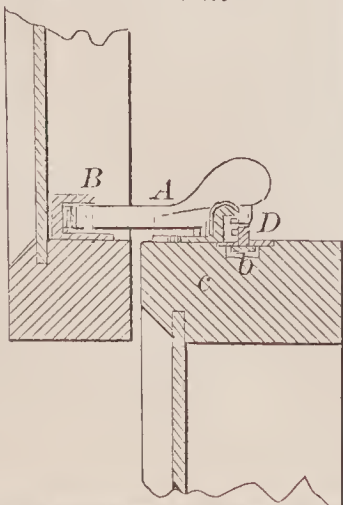
60725—W. Herrick—Saw Mill.



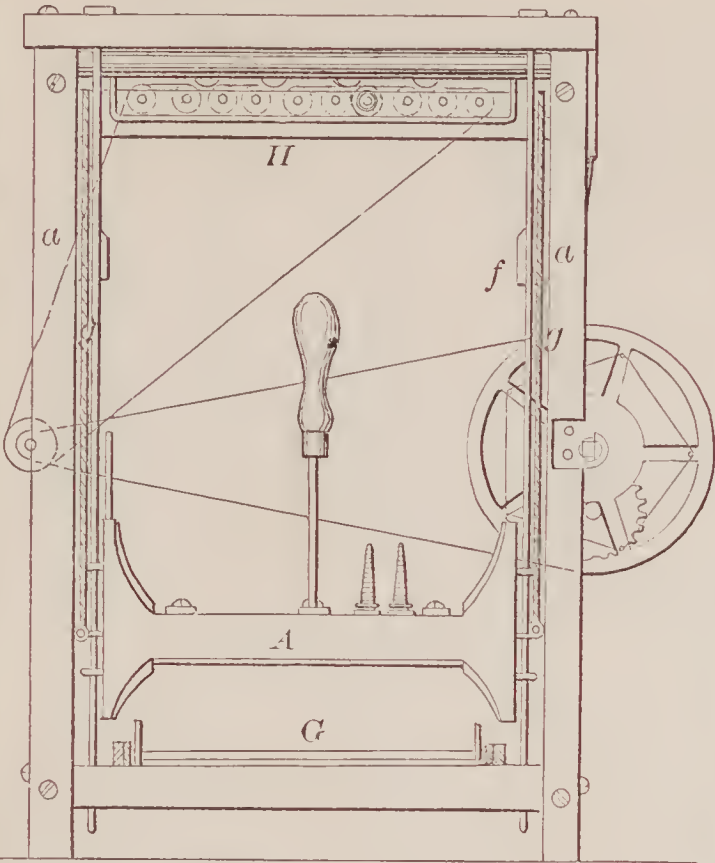
60726—L. Heuser—Embossing Machine.



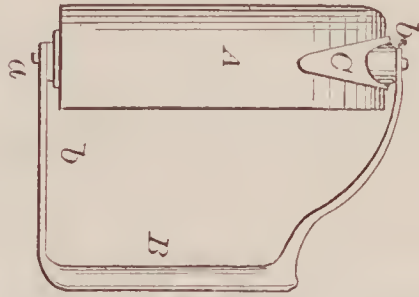
60727—E. F. Hofmann—Window Latch.



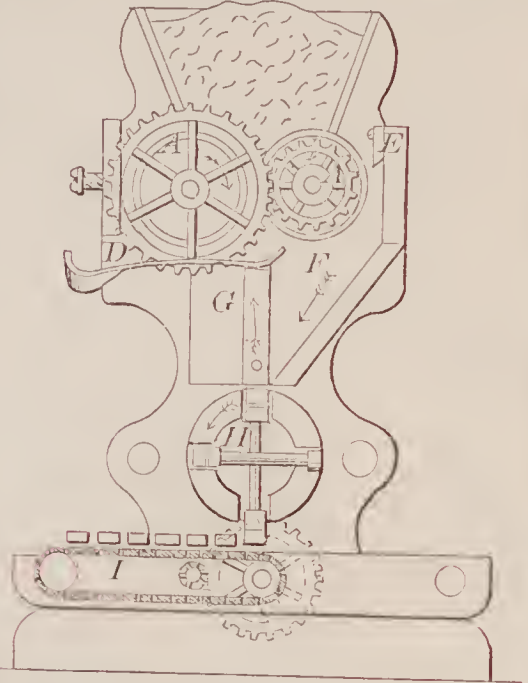
60728—Hoover & Hadley—*For Spinning, Twisting and Reeling.*



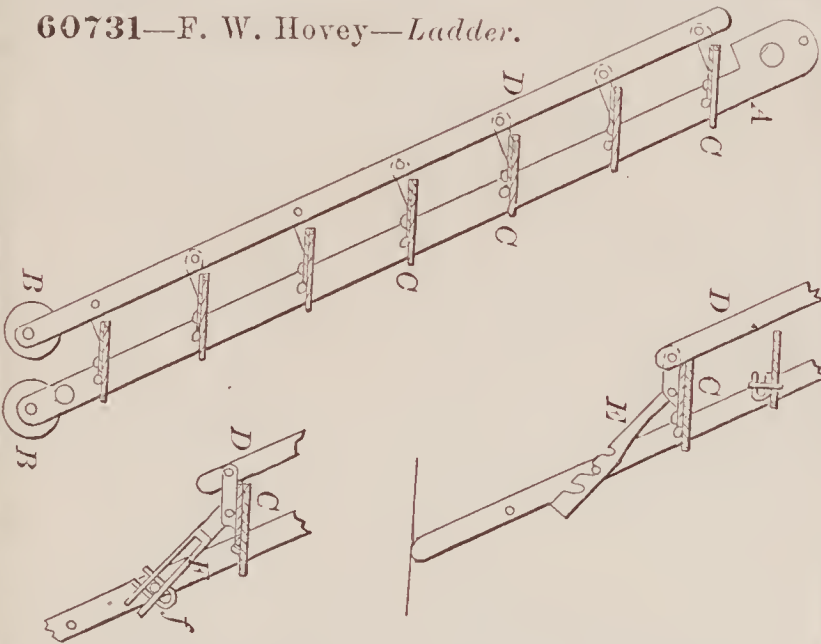
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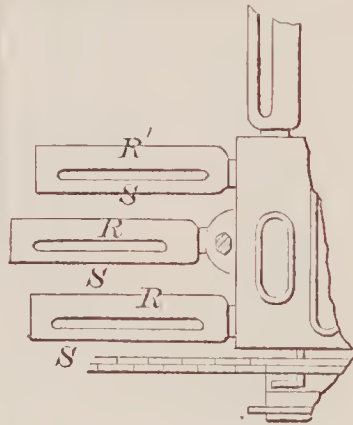
60730—B. Hotchkiss—*Peat Machine.*



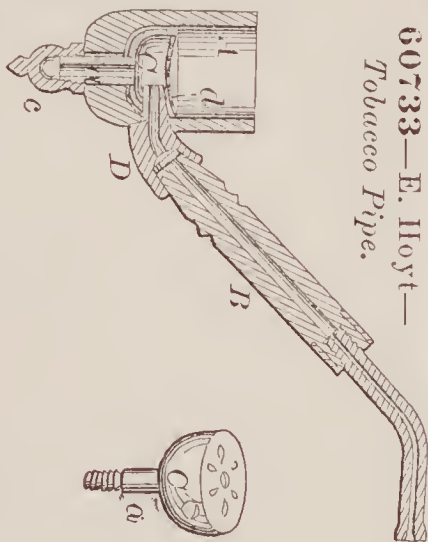
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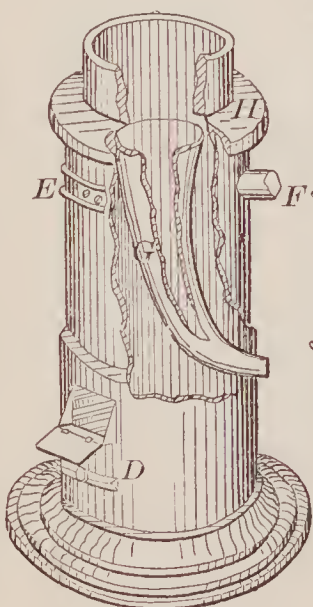
60732—H. Howard—*Heating Apparatus.*



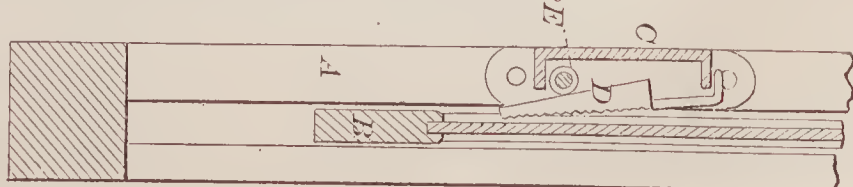
60733—E. Hoyt—*Tobacco Pipe.*

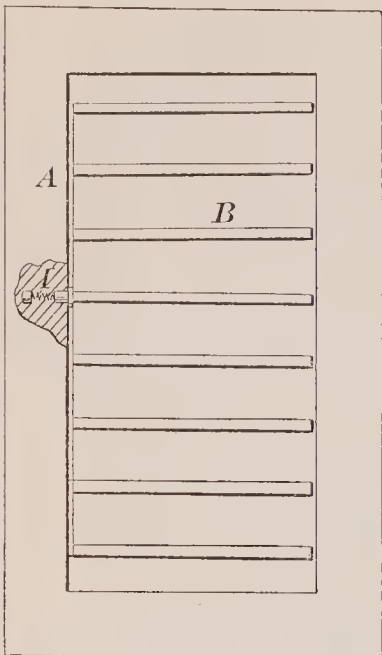
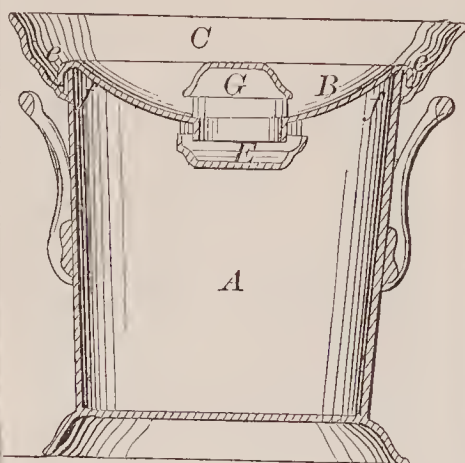
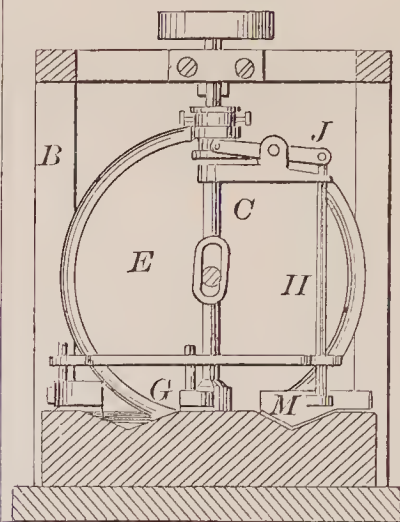
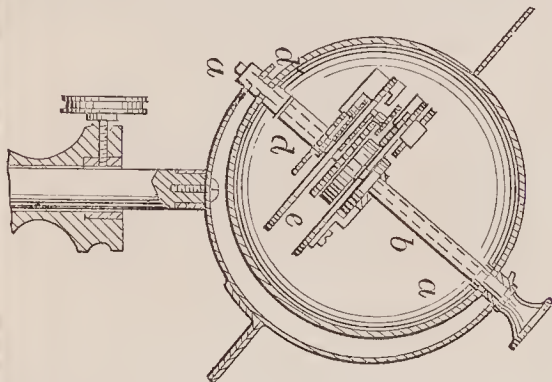
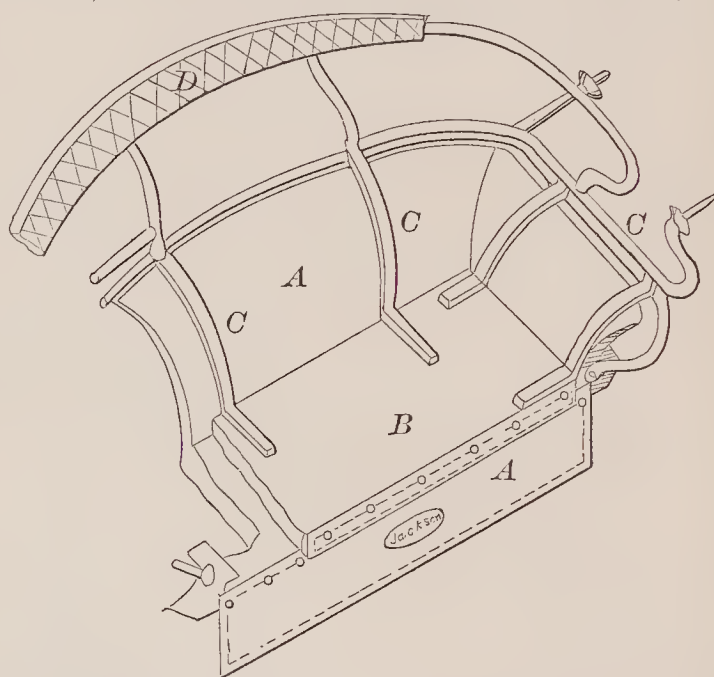
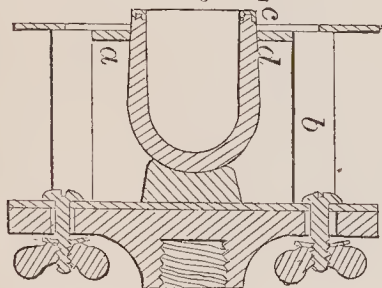
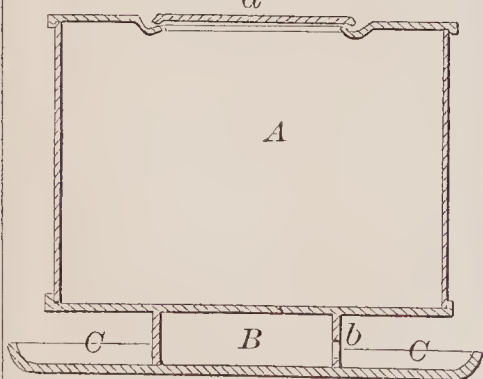
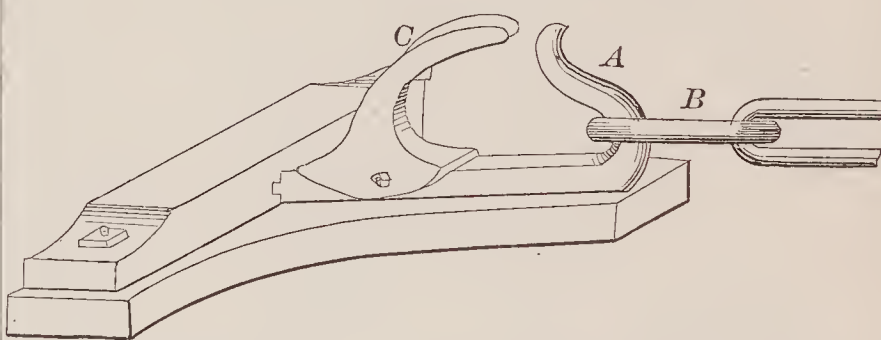
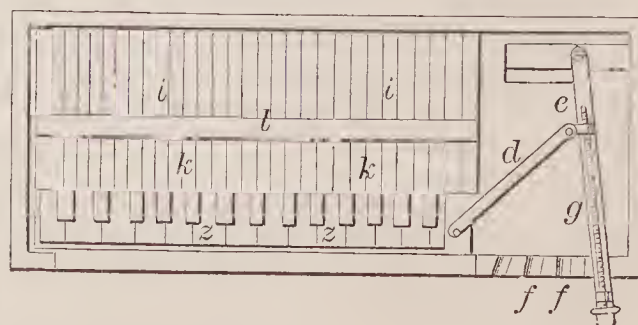
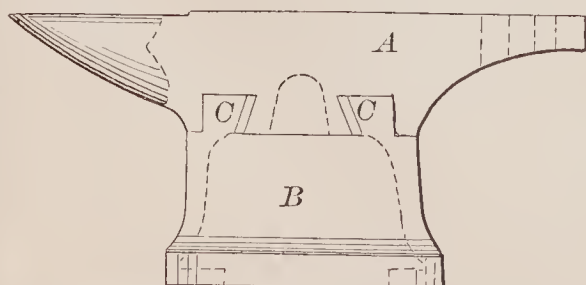


60734—Z. Hussey—*Heating Stove.*

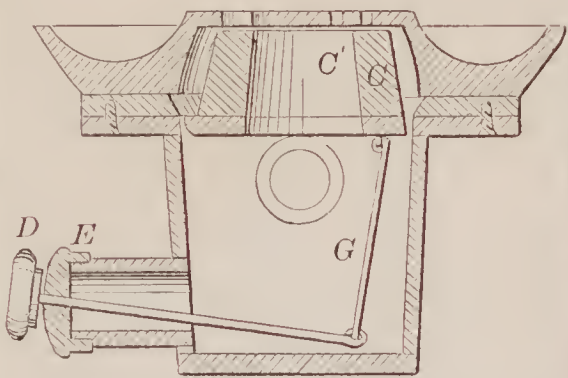


60735—R. Hutton—*Sash Fastening.*

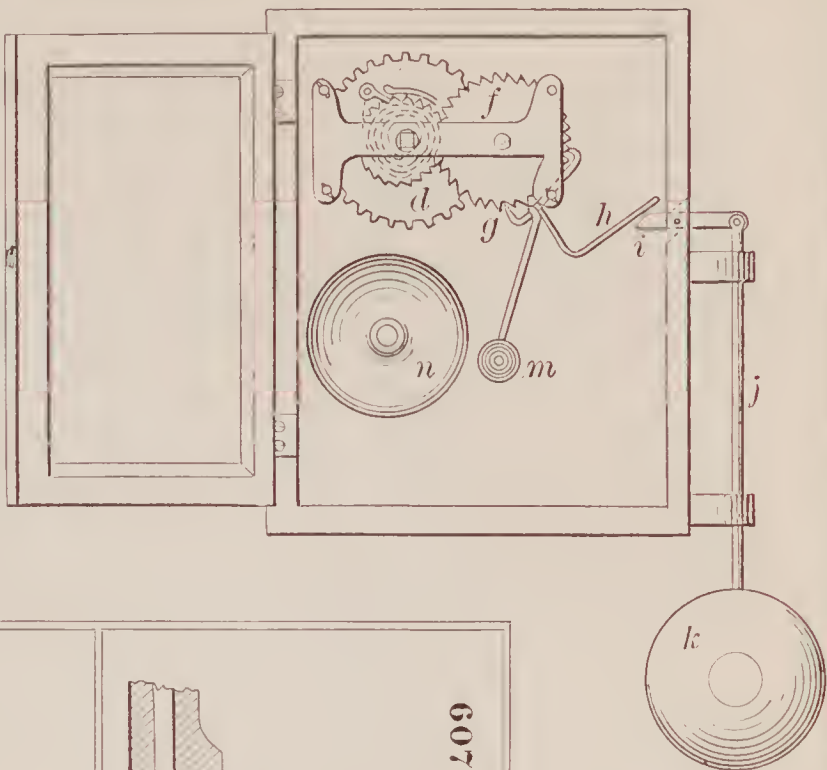


60736—R. Hutton—*Blind.*60738—J. C. Jewett—*Slop Jar.*60739—G. D. Jones—*Quartz Mill.*60740—L. P. Juvet—*Time Globe.*60737—F. Jackson—*Carriage Seat and Top.*60742—W. Kerr—*Clamp for Smoking Pipes.*60743—H. M. Kinsley—*Lunch Heating Apparatus.*60741—J. Kelly—*Car Coupling.*60744—G. B. Kirkham—*Key Board for Musical Instrument.*60745—L. Kirkhup—*Anvil.*

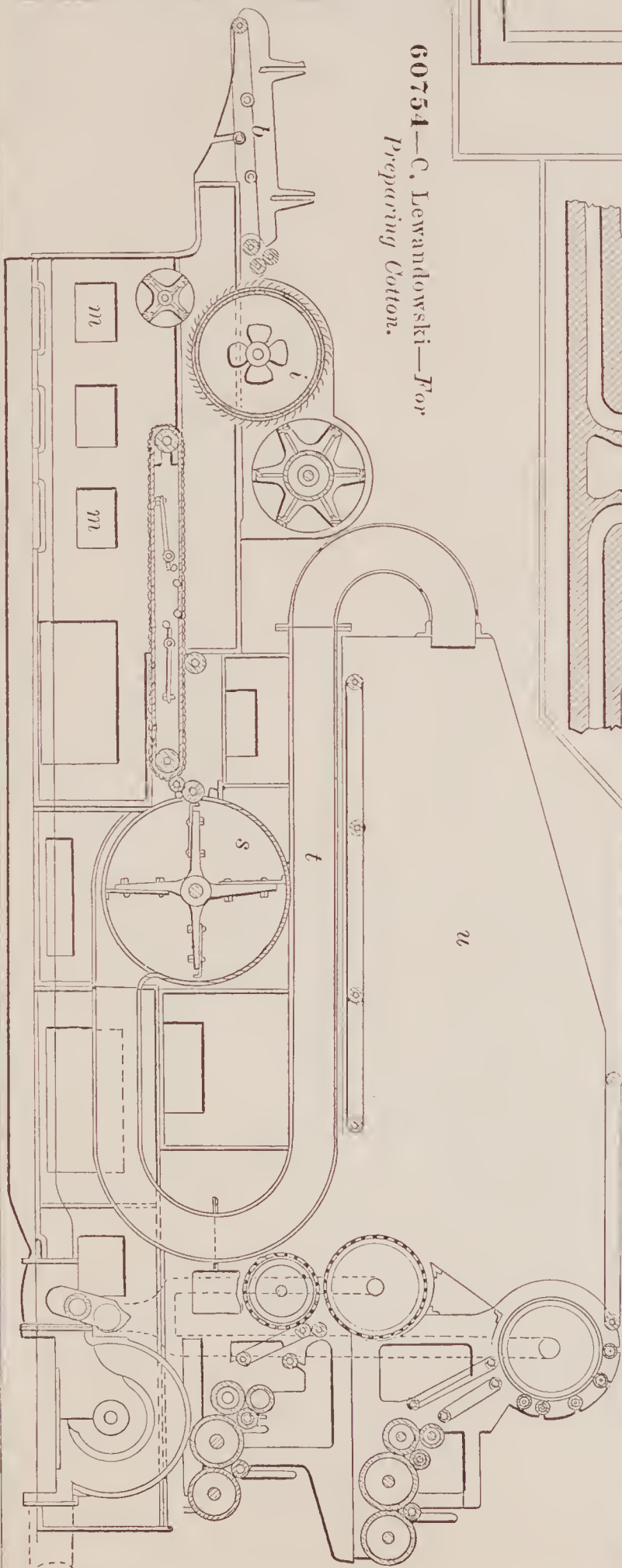
60746—E. Koons—*Tuyere.*



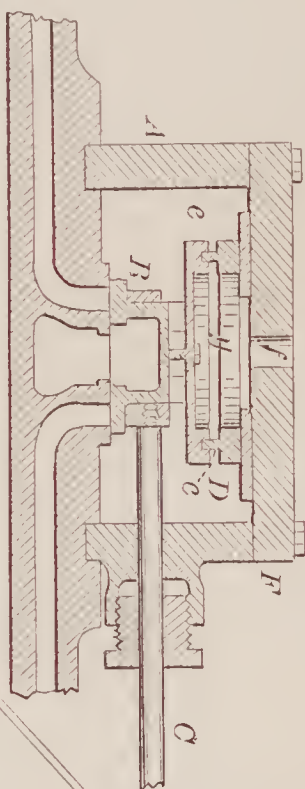
60749—N. D. Lamb—*Leak Signal.*



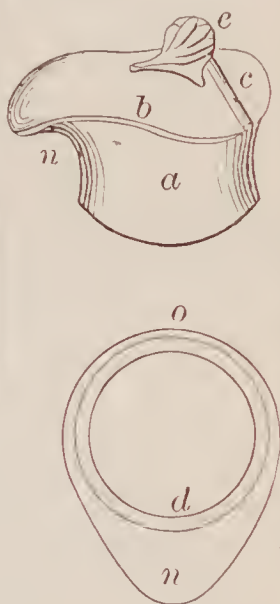
60754—C. Lewandowski—*For Preparing Cotton.*



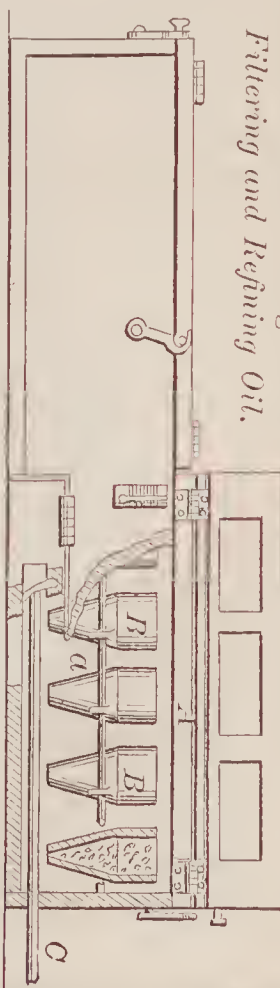
60748—Lahaye & Reeves—*Slide Valve.*



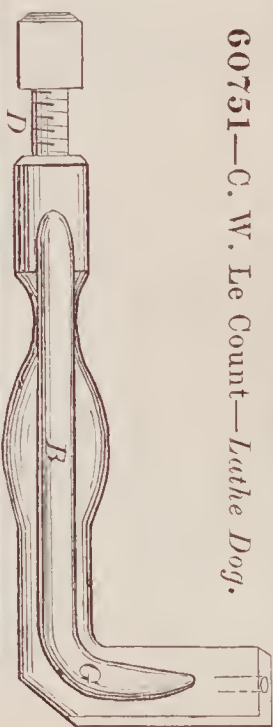
60750—Lang & Lauster—*Jug Top.*



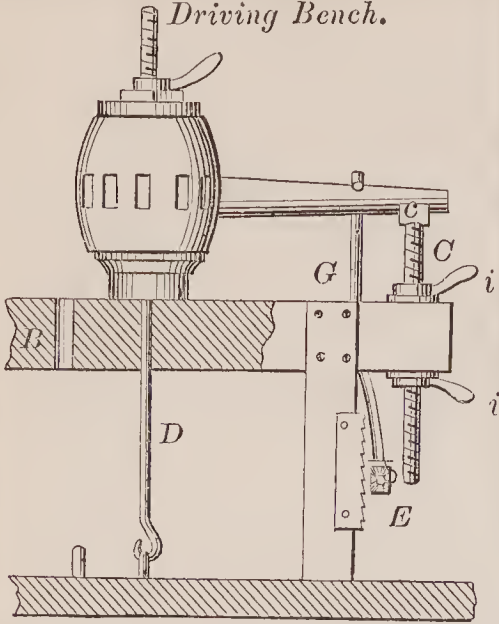
60747—M. H. Krüger—*For Filtering and Refining Oil.*



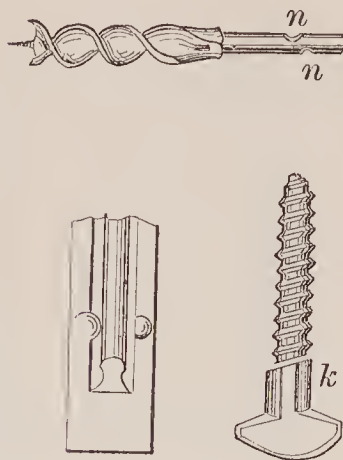
60751—C. W. Le Count—*Lathe Dog.*



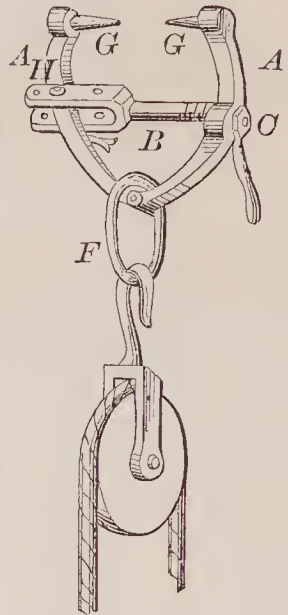
60752—F. M. Lemmon—*Spoke Driving Bench.*



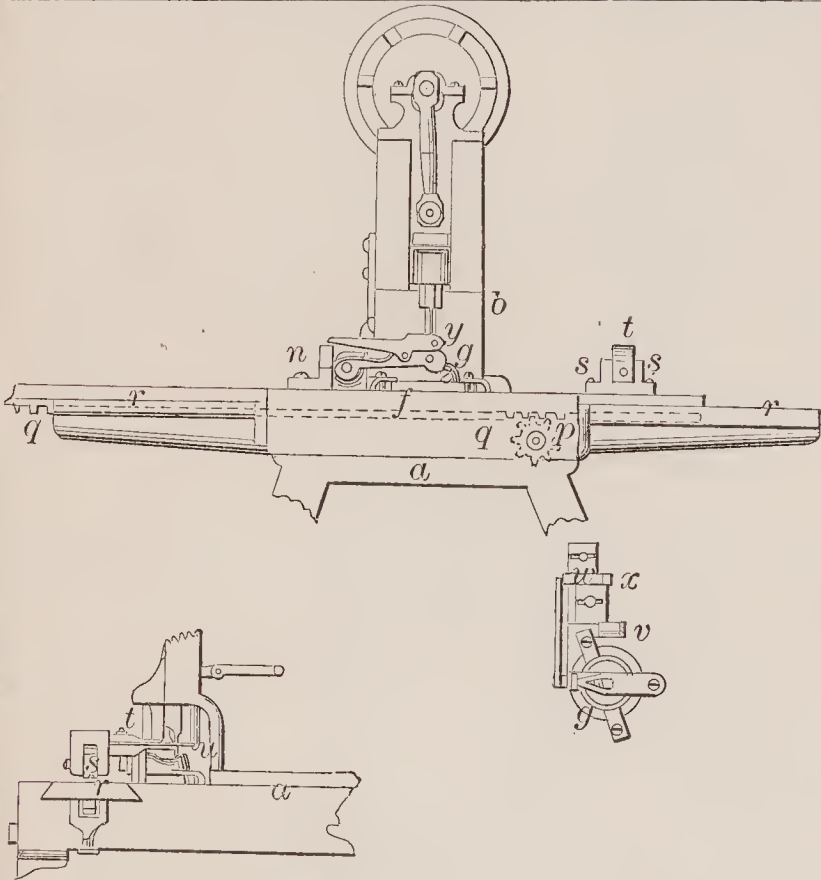
60756—H. T. Love—*Railroad Rail Fastening.*



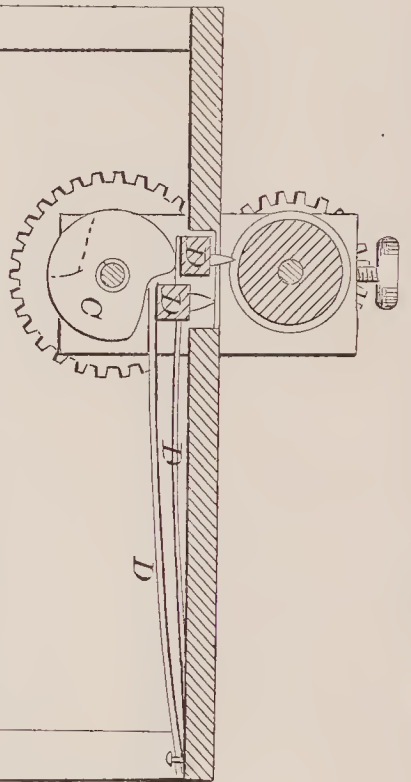
60758—G. B. & C. Lewis—*For Suspending Horse Hay Forks, &c.*



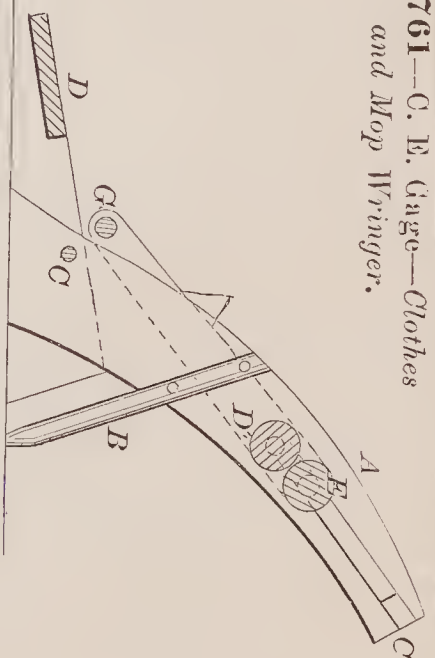
60763—Marsh & Kelly—*For Punching Steel Pen Blanks.*



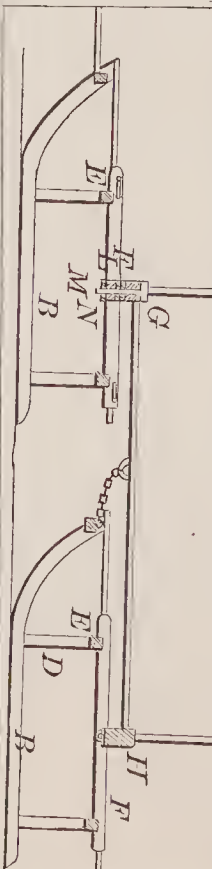
60764—H. D. Martin—*Fly Net Cutting Machine.*



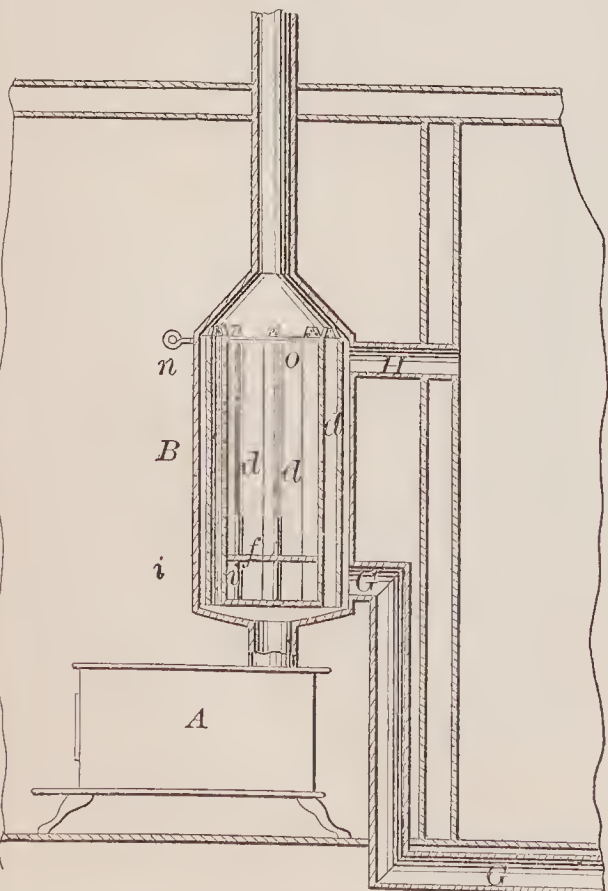
60761—C. E. Uge—*Clothes and Mop Wringer.*



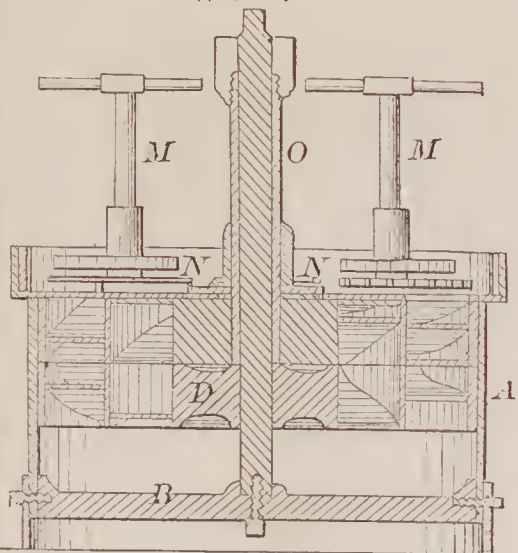
60765—W. M. C. Mathews—*Sleigh.*



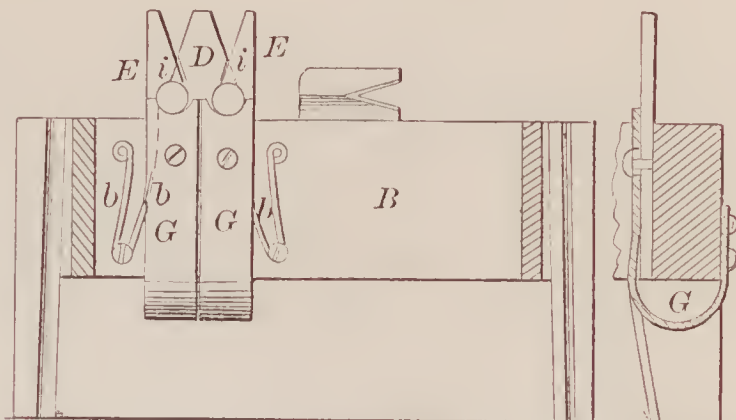
60760—J. H. Loomis—*For Ventilating and Heating Rooms.*



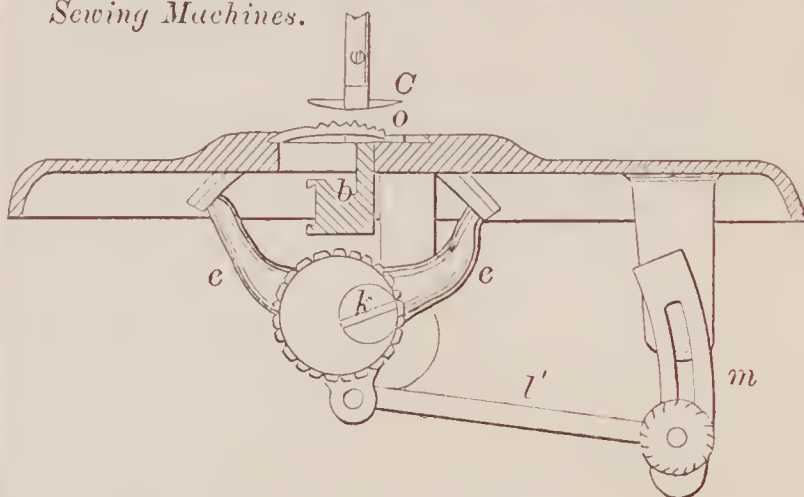
60766—G. W. McCann—*Water Wheel.*



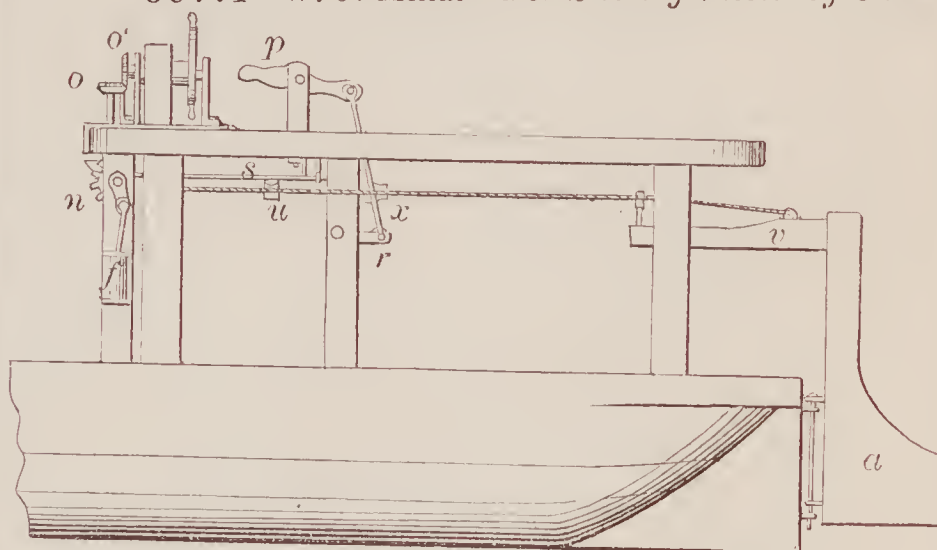
60768—M. Mellinger—*Cane Stripper.*



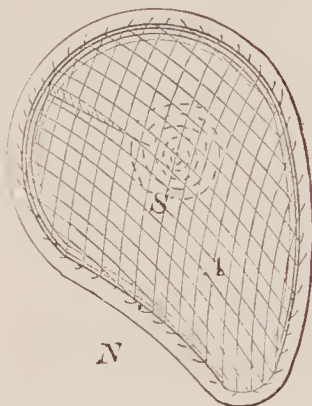
60769—M. H. Merriam—*Feed Mechanism for Sewing Machines.*



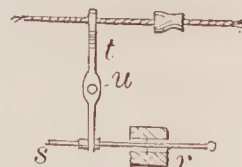
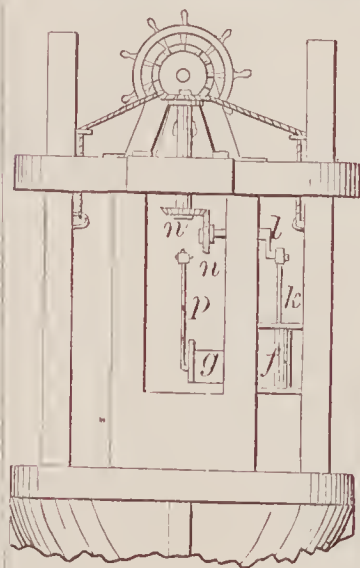
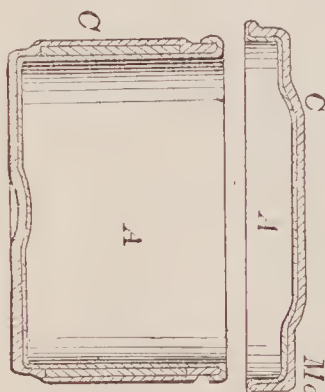
60771—W. J. Millar—*For Steering Vessels by Steam.*



60767—A. S. & J. P. McLean—*Breast Pad.*

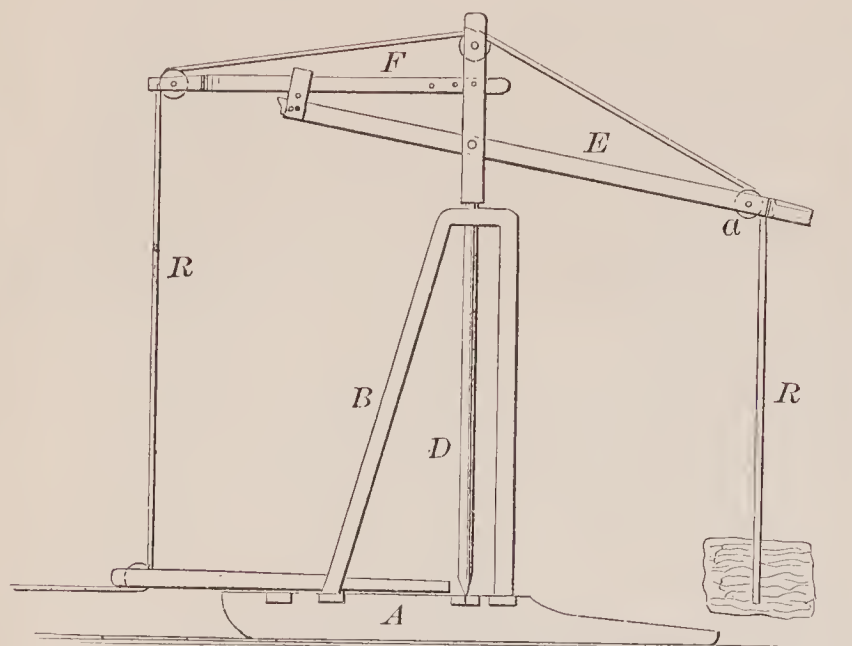
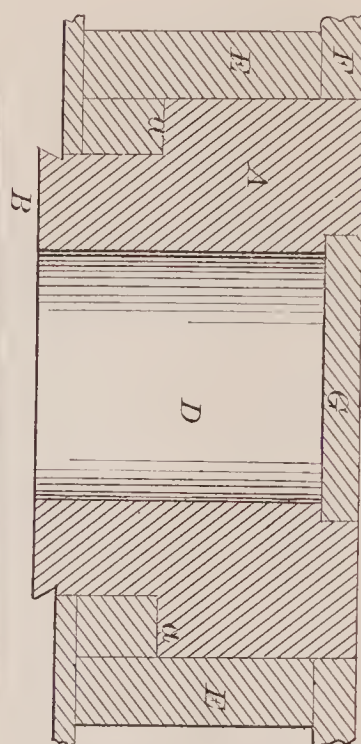
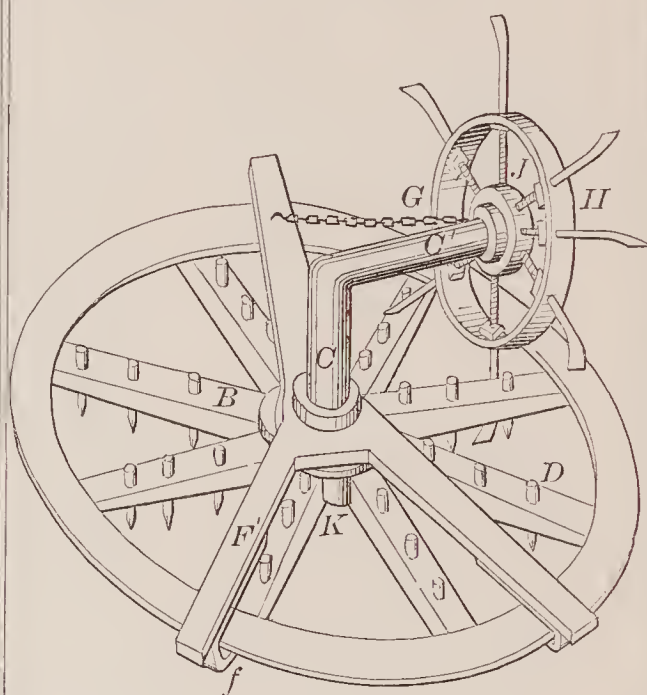
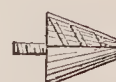
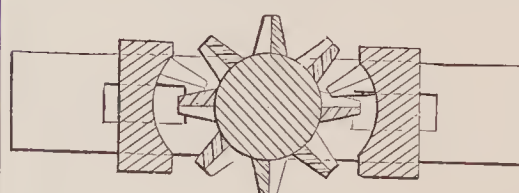
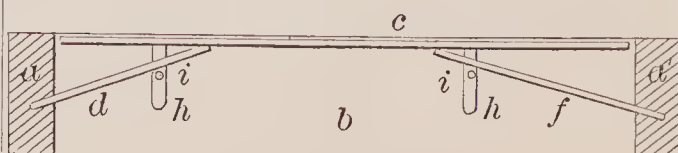
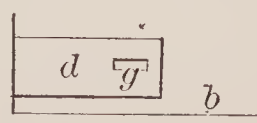
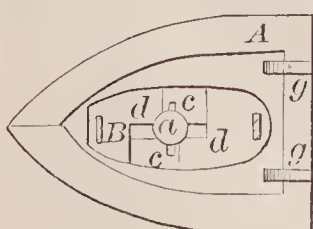
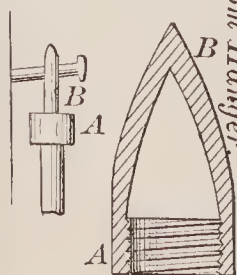


60770—P. P. Meyer—*For Making Sheet Metal Vessels.*

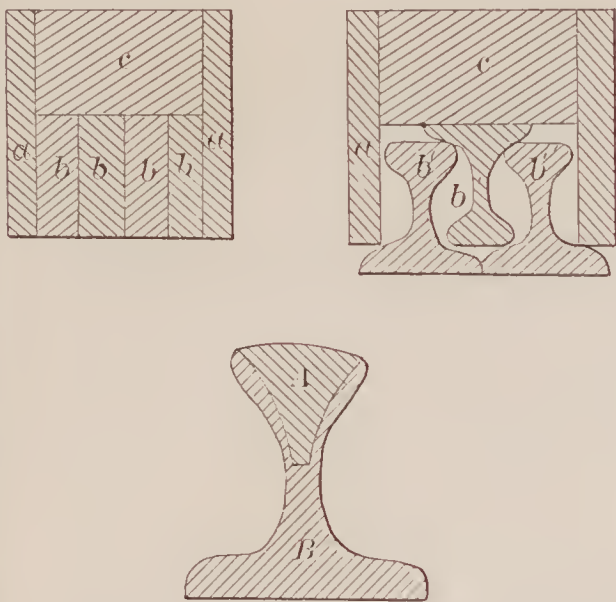


60772—M. Miller—*Toy Wind Wheel.*

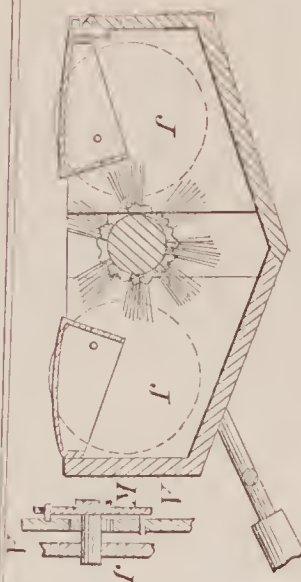


60773—M. Mitchell—*Hay Elevator.*60777—T. Newell—*Store Pipe Thimble.*60776—D. Morris—*Rotary Harrow.*60778—N. Palmer—*Threshing Machine.*60782—G. H. Pool—*Spring Bed.*60775—T. C. Moore—*Smoothing Iron.*60779—J. L. Patterson—*Broom Hanger.*

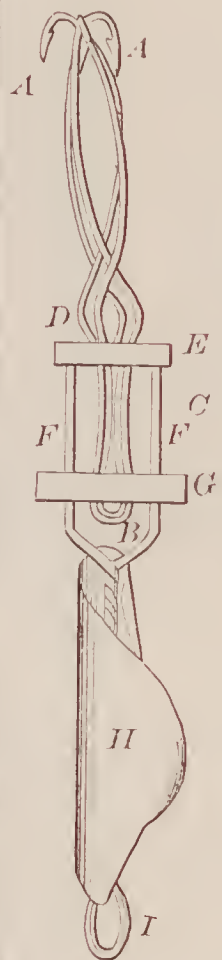
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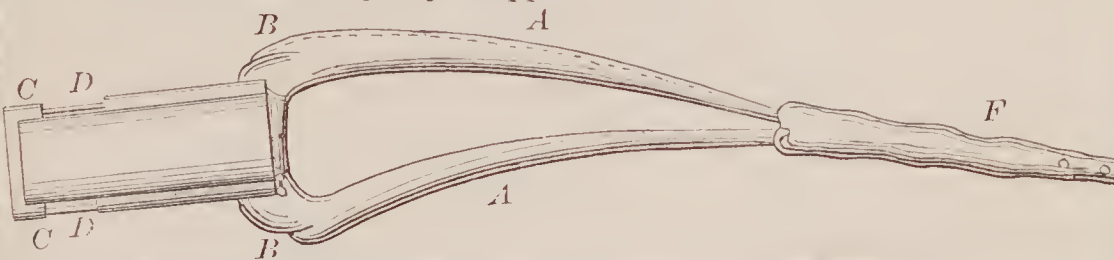
60785—G. & J. H. Purrington—*Carpet Sweeper.*



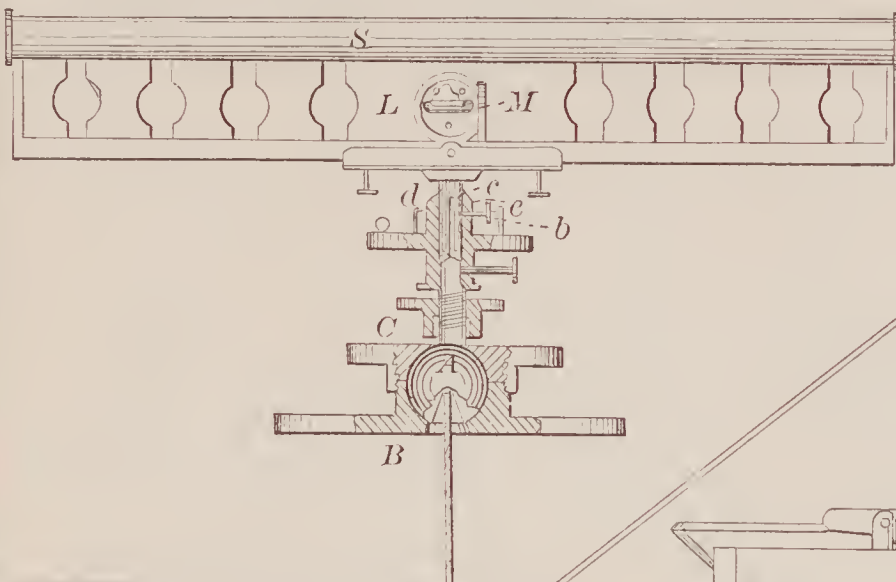
60786—E. & J. W. Rhoades—*Spring Fish Hook.*



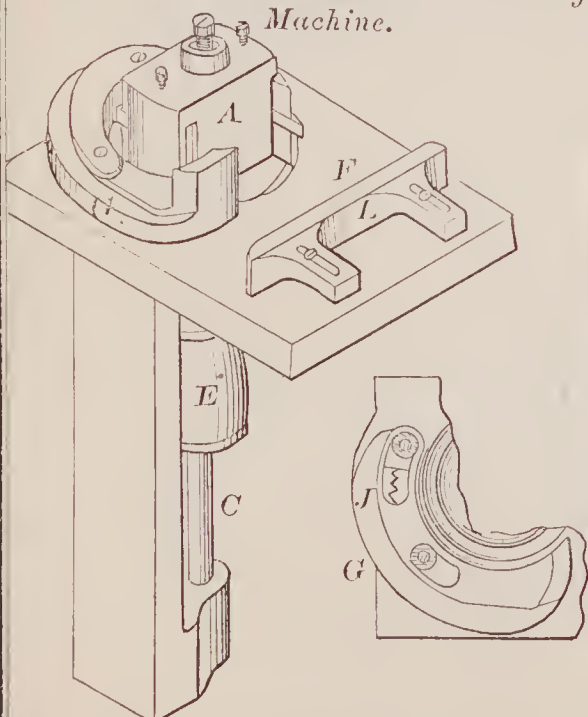
60784—E. Powell—*Spring Crupper.*



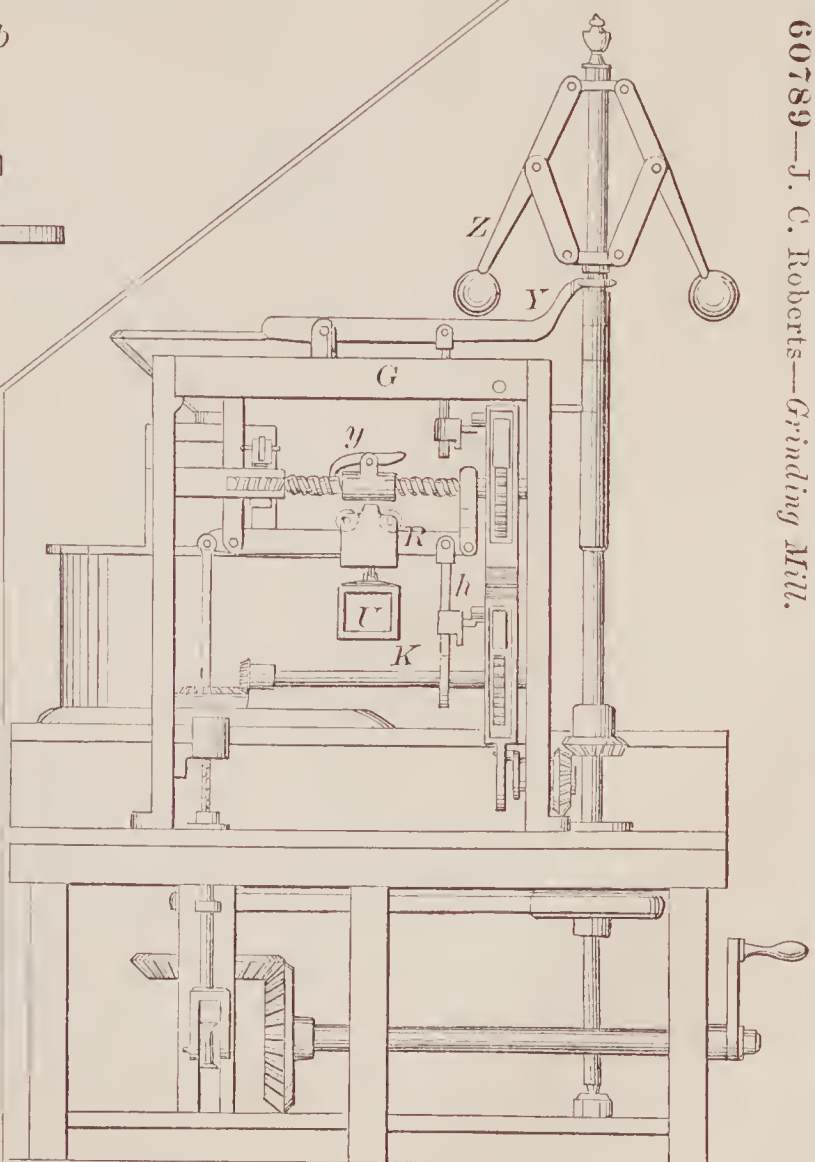
60788—W. L. Richardson—*Level.*

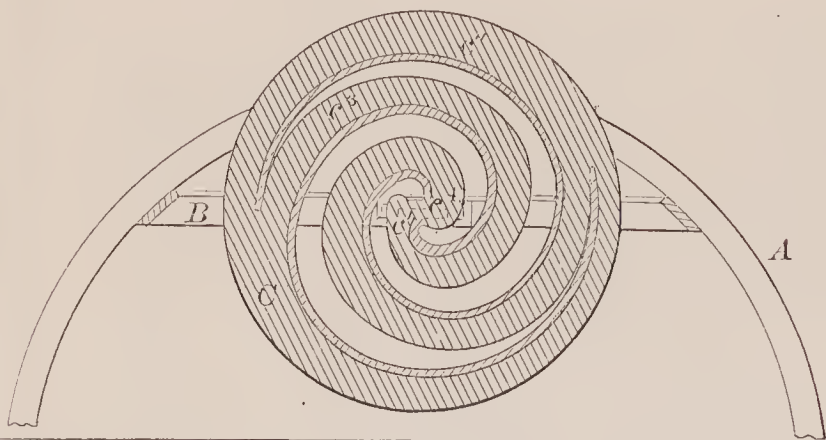
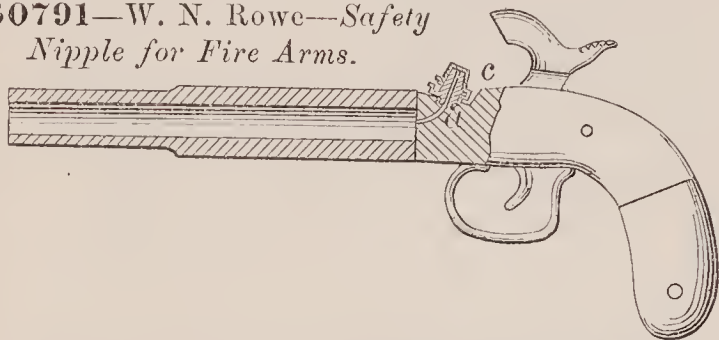
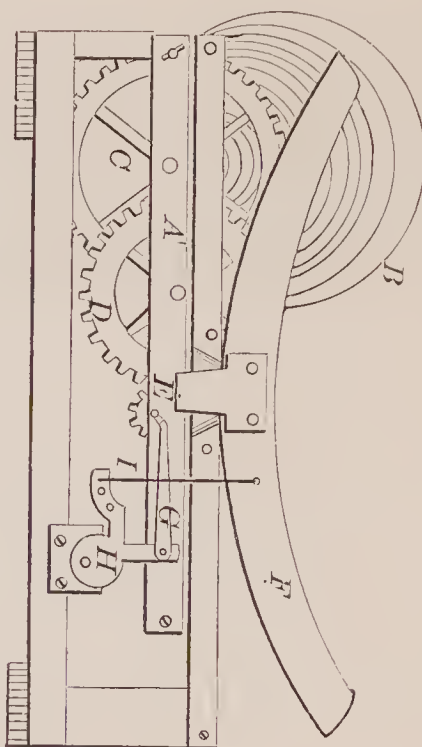
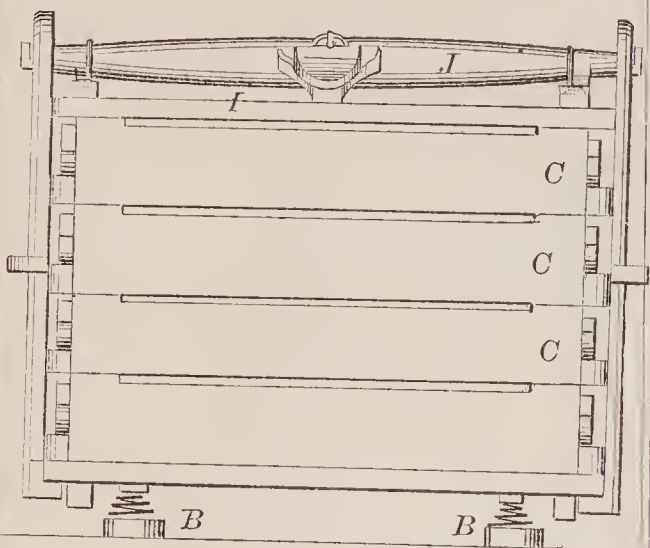
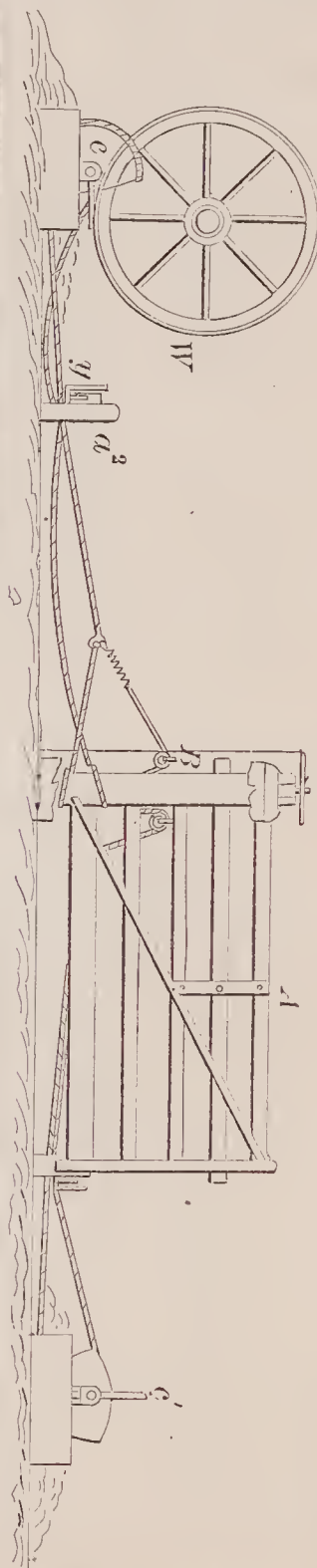
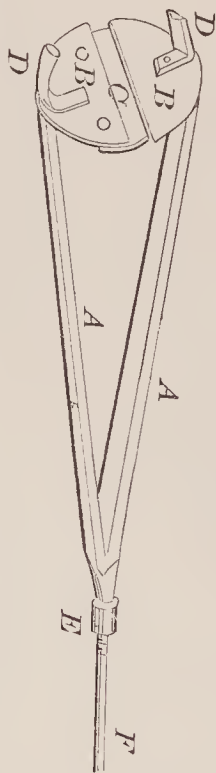
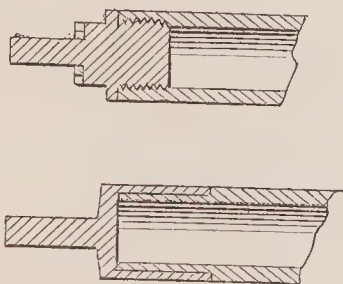
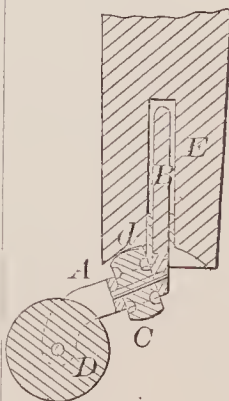
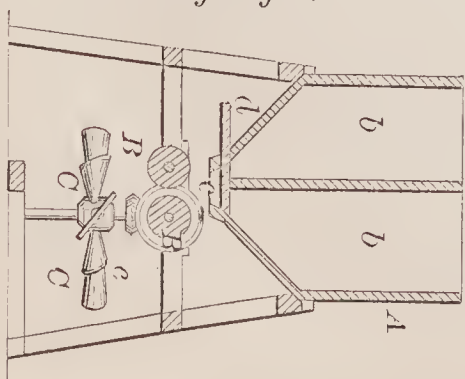


60787—S. M. Richardson—*Planing Machine.*

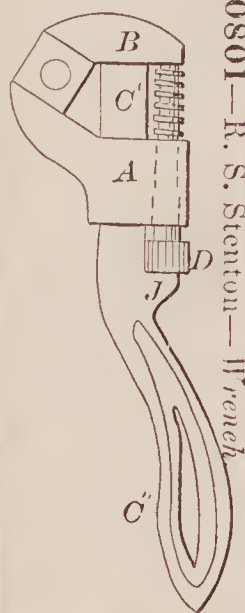
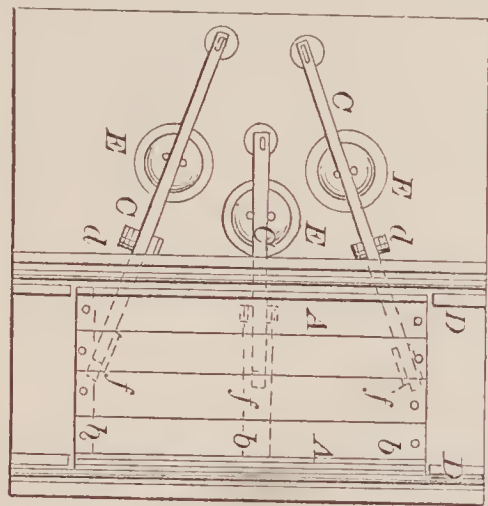
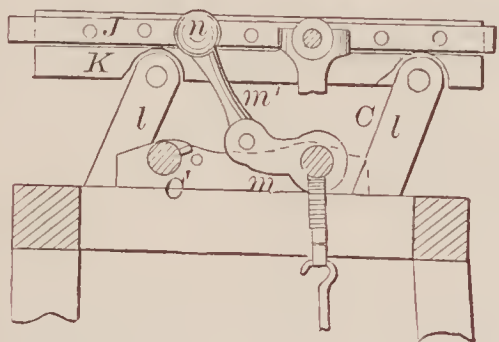
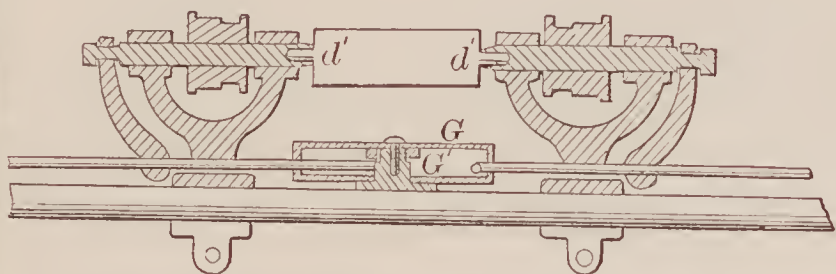
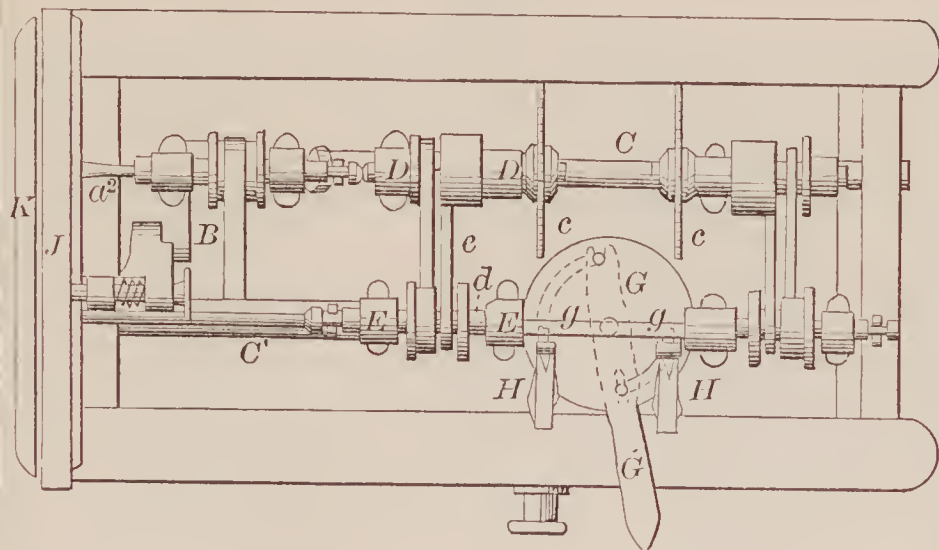


60789—J. C. Roberts—*Grinding Mill.*



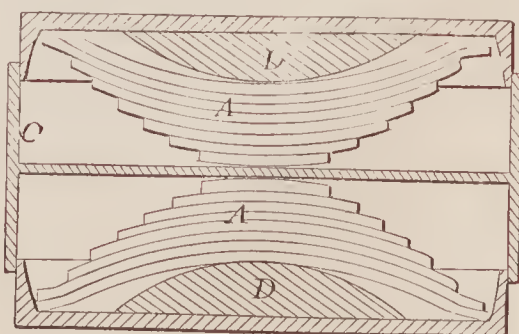
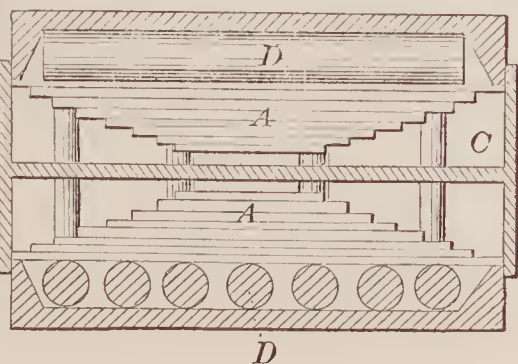
60790—A. J. Robinson—*Mop Wringer.*60791—W. N. Rowe—*Safety Nipple for Fire Arms.*60793—J. S. Ryan—*Crib or Cradle.*60796—E. Secor—*Berry Boxes.*60798—J. W. Singleton—*Gate.*60795—B. Schaefer—*Boiler Flue Cleaner.*60792—Russell & Hull—*Printers' Ink Roller.*60799—F. Smith—*Furniture Caster.*60797—M. L. Senderling—*For Mixing Sugar.*

60800—Smith & Lumis—For Tenoning Blind Slats, &c.

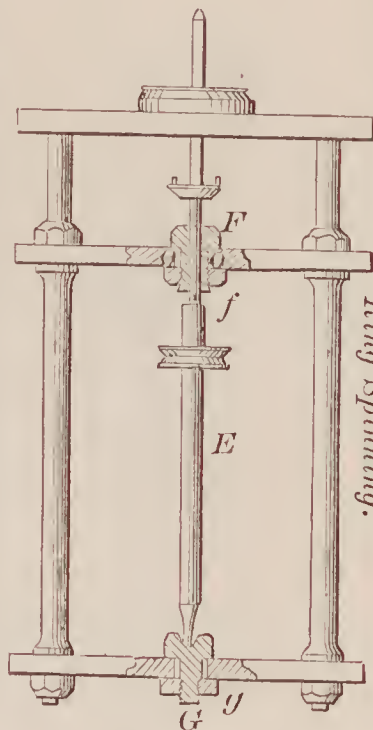


60801—R. S. Stenton—Wrench

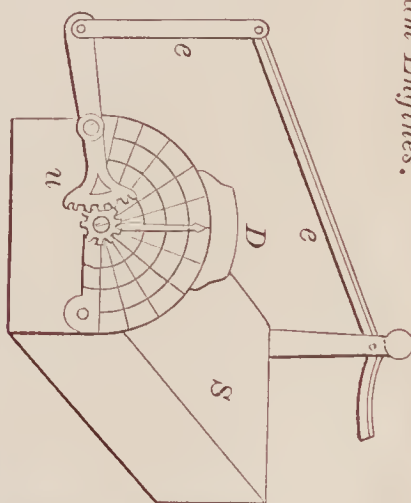
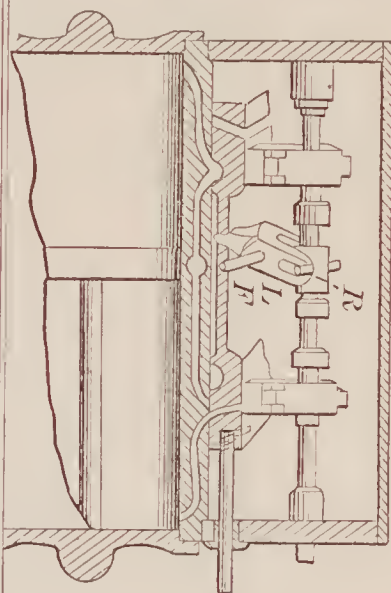
60805—W. Toshach—Car Spring.



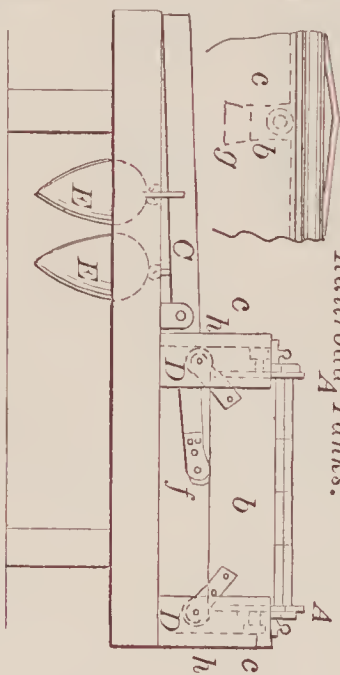
60802—F. A. Sterry—For Adjusting Spindles in Ring Spinning.

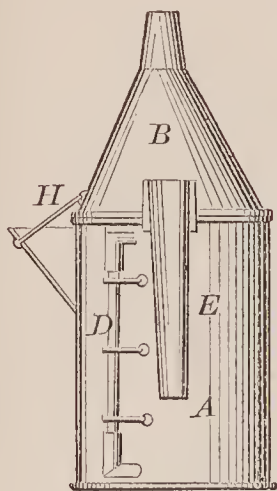
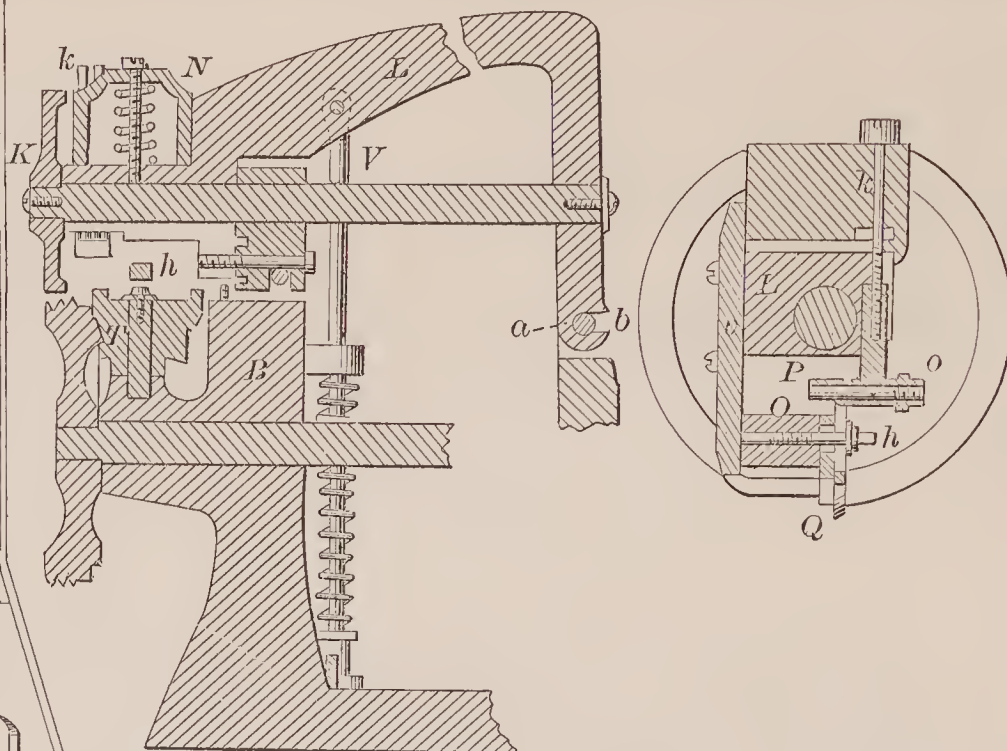
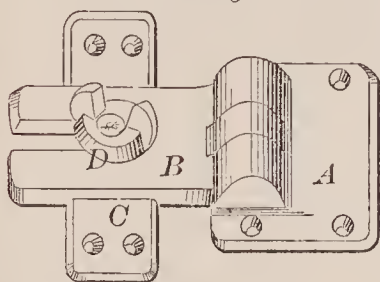
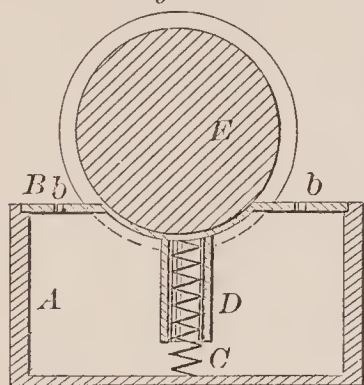
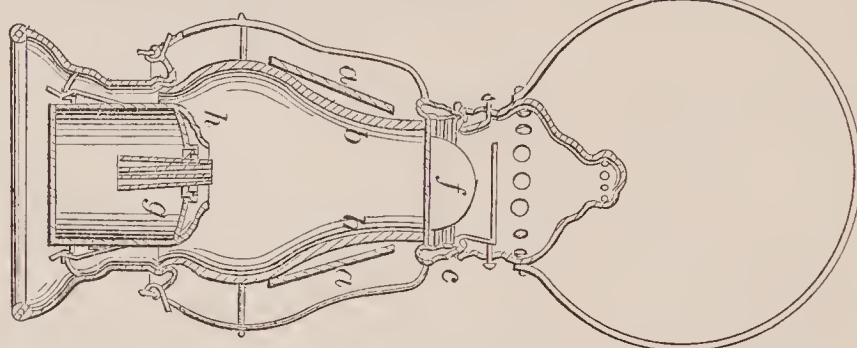
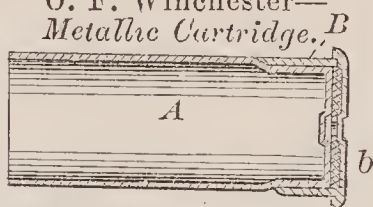
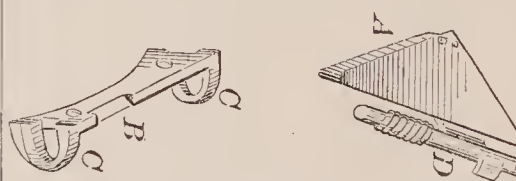
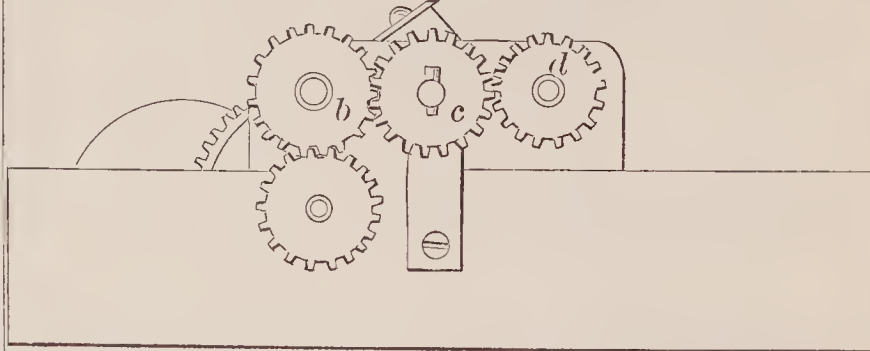
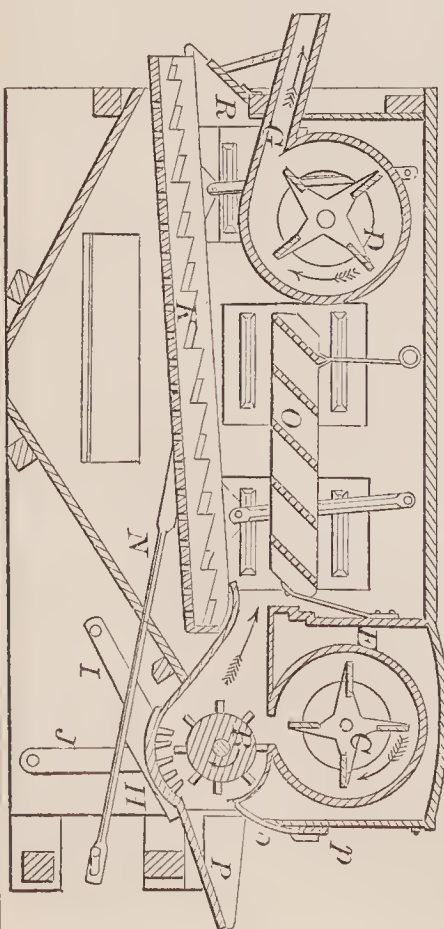
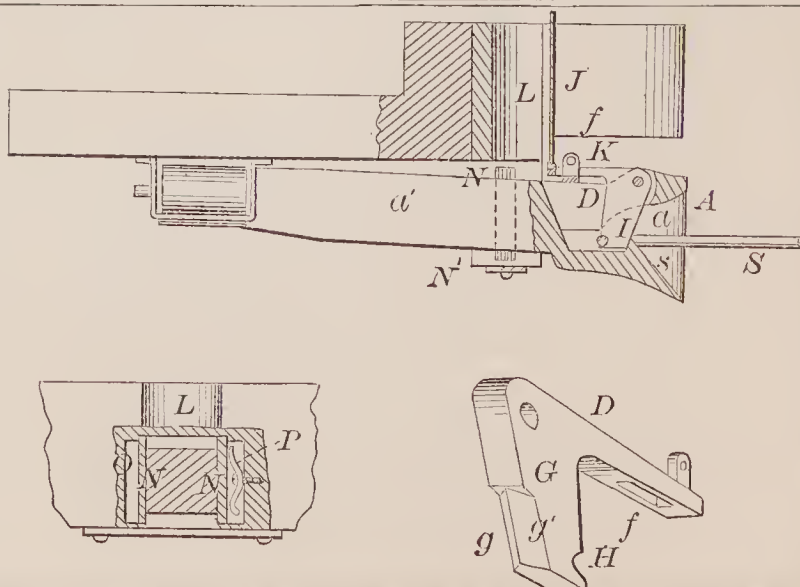


60804—A. Stuckenrath—Cut-off for Steam Engines.

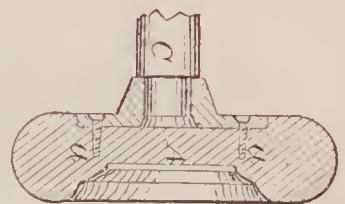
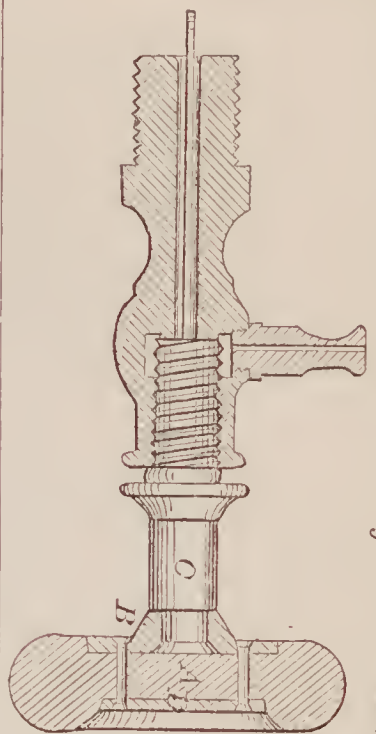


60803—C. L. Stevens—Water Elevator for Railroad Tanks.

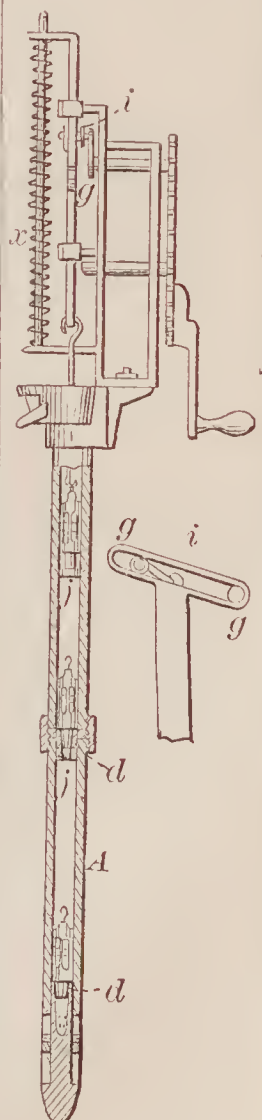


60806—J. Trent—*Liquid Measure.*60807—H. S. Vrooman—*Channeling Machine.*60808—J. T. Watson—*Gate Hinge.*60809—I. P. Wendell—*Lubricating Journal.*60810—W. Westlake—*Lantern.*60814—O. F. Winchester—*Metallic Cartridge.*60811—M. V. B. White—*Ice Spur.*60812—B. D. Whitney—*Planing Machine.*60813—M. Wilder—*Threshing Machine.*60815—E. Zorger—*Car Coupling.*

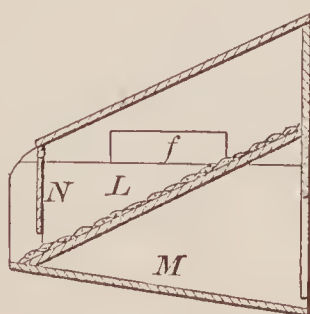
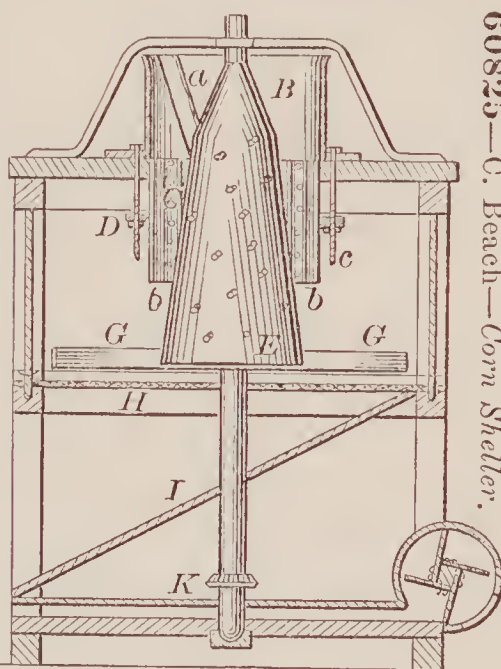
60817—E. H. Ashcroft—Boiler Gauge-Cock Handle.



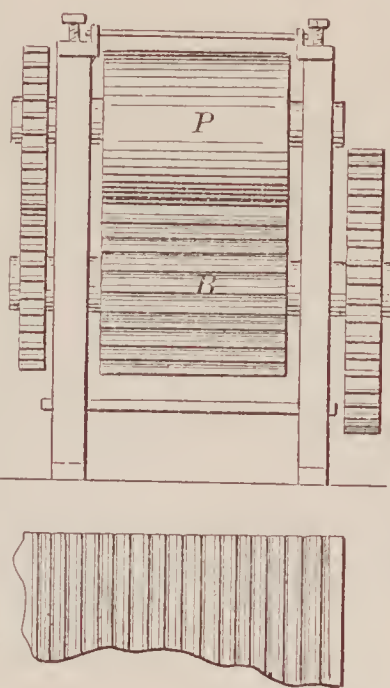
60818—S. L. Avery—Pump.



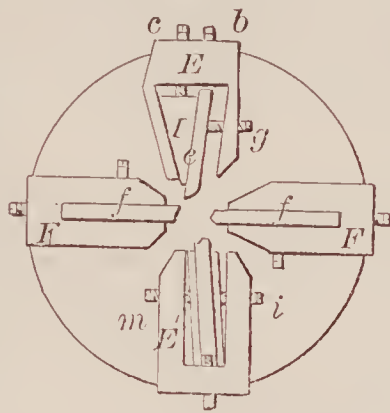
60825—C. Beach—Corn Sheller.



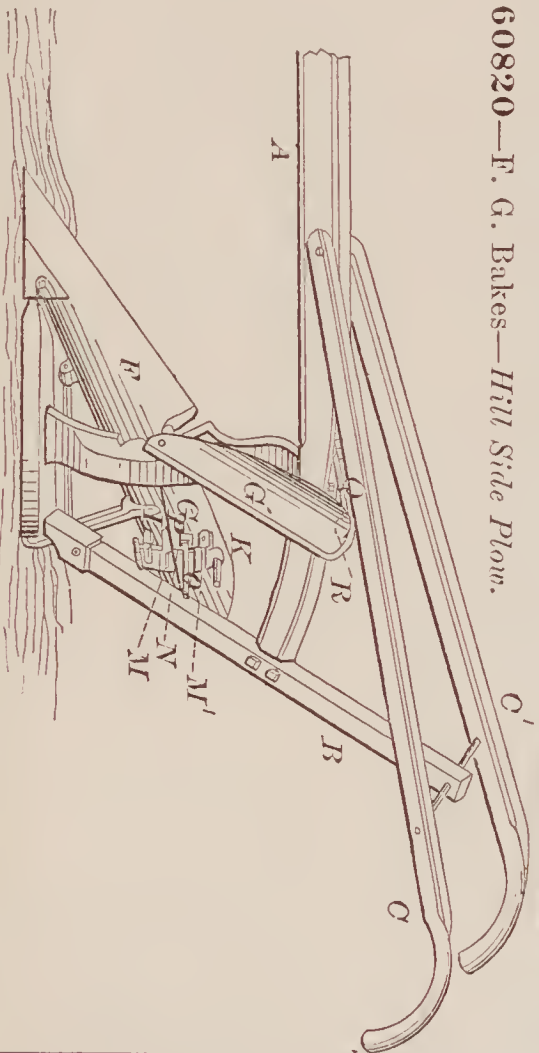
60819—D. M. Ayer—Preparing Sole Leather.



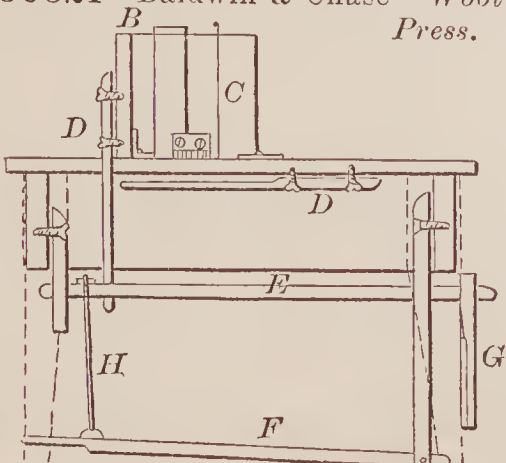
60822—E. D. Barrett—Screw Cutting Die.

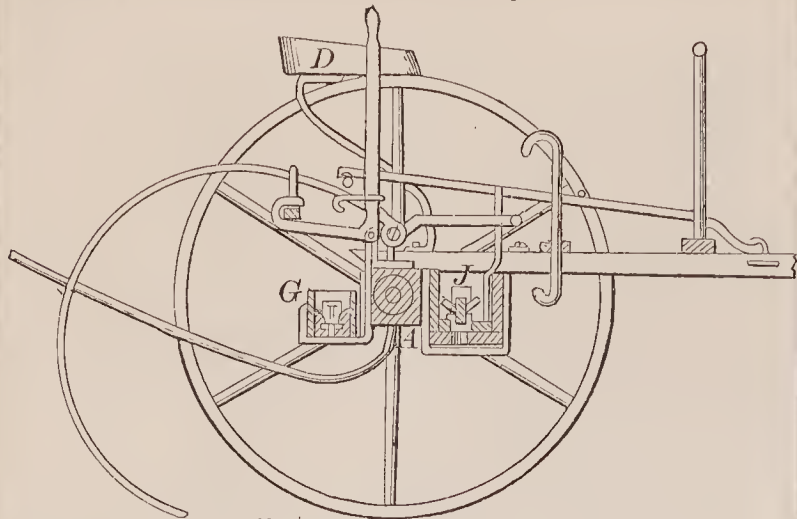
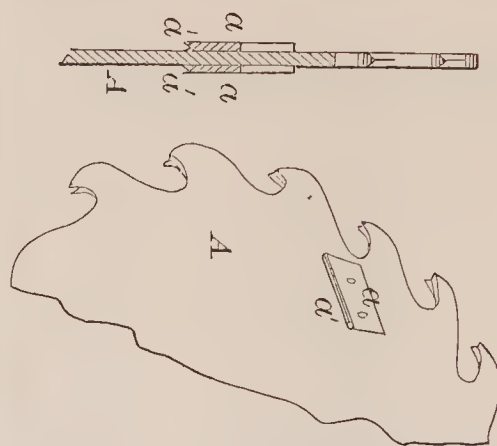
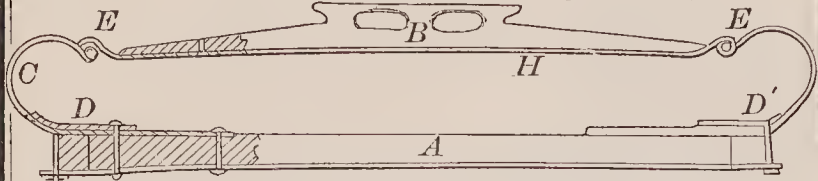
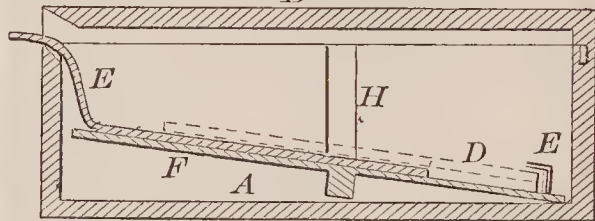
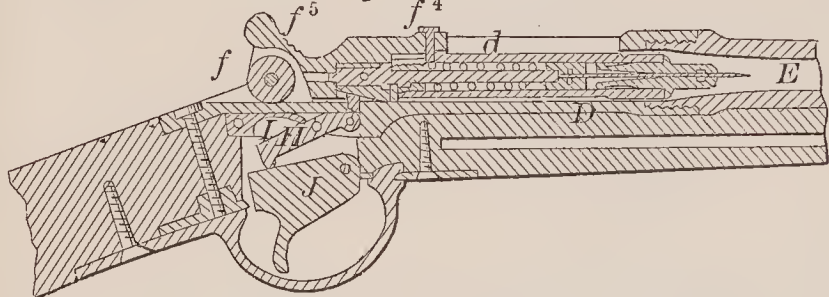
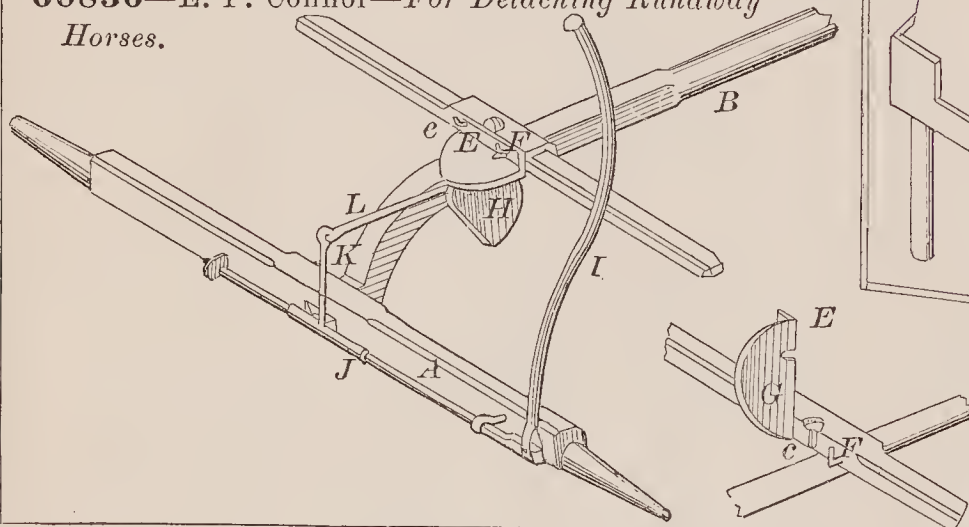
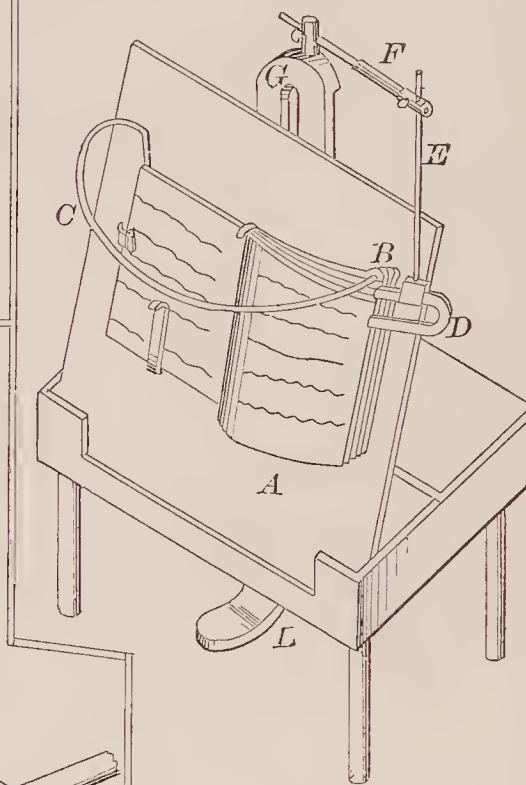
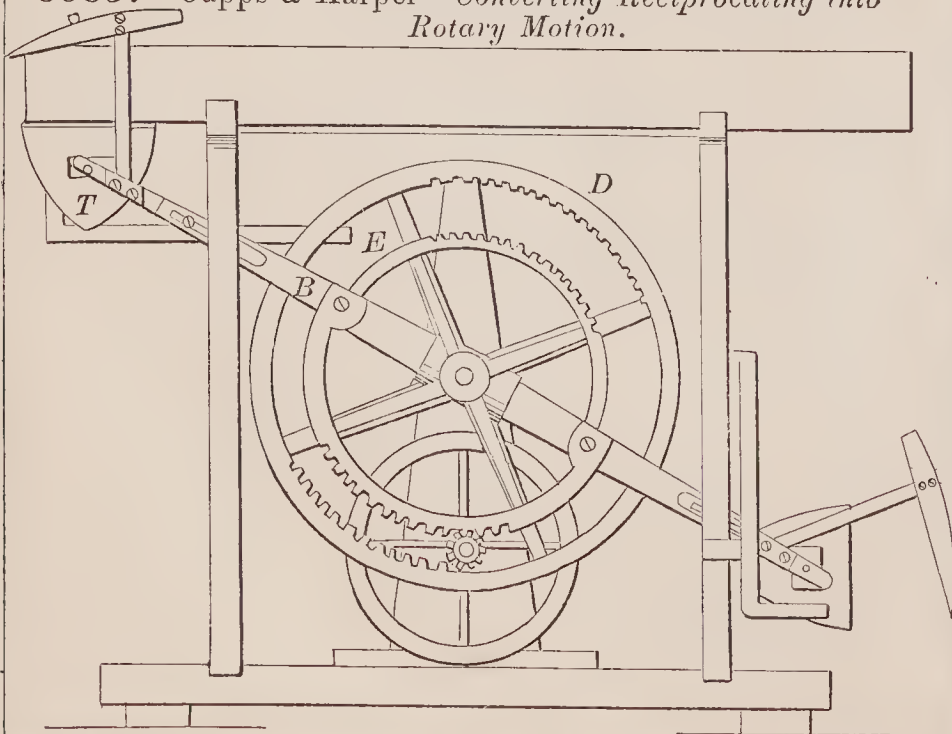
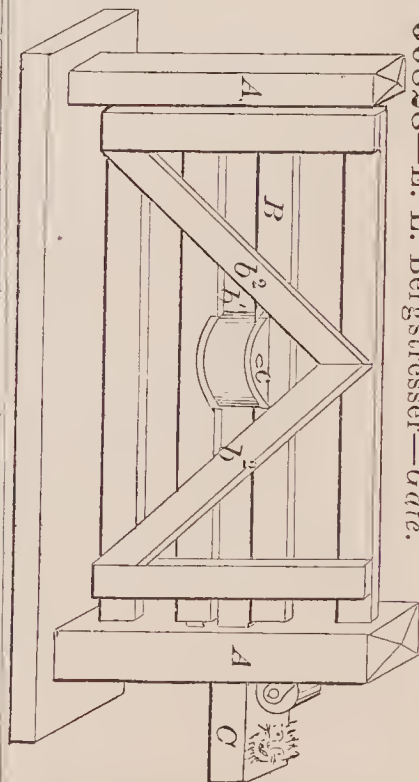


60820—F. G. Bakes—Hill Side Plow.

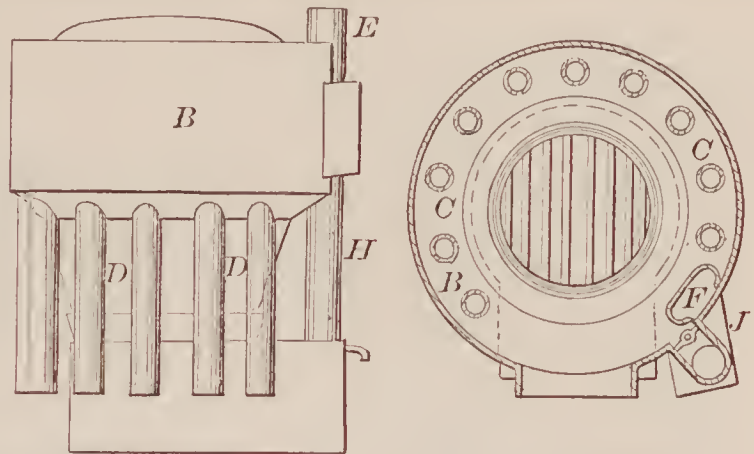


60821—Baldwin & Chase—Wool Press.

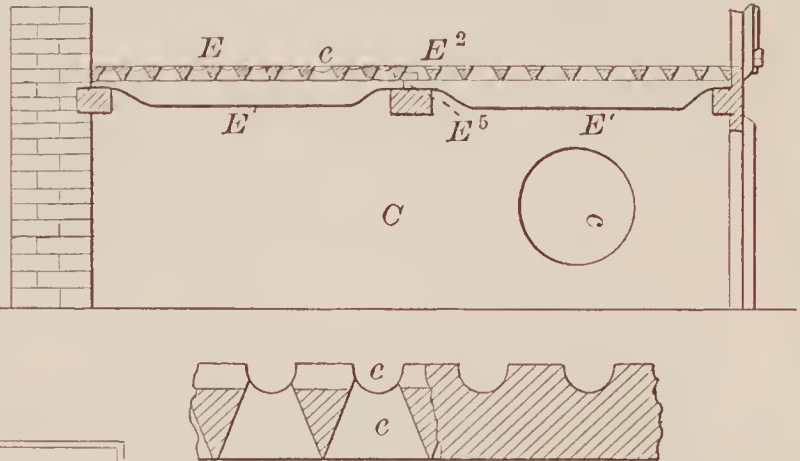


60826—J. H. Bear—*Horse Hay Rake and Seeder.*60827—A. Bee—*Saw.*60831—C. H. Butterfield—*Carriage Spring.*60834—A. Cobbs—*Photographic Bath.*60832—A. A. Chassepot—*Needle Gun.*60836—E. P. Connor—*For Detaching Runaway Horses.*60833—A. B. Clark—*For Turning Leaves of Music.*60837—Cupps & Harper—*Converting Reciprocating into Rotary Motion.*60828—E. L. Bergstresser—*Gate.*

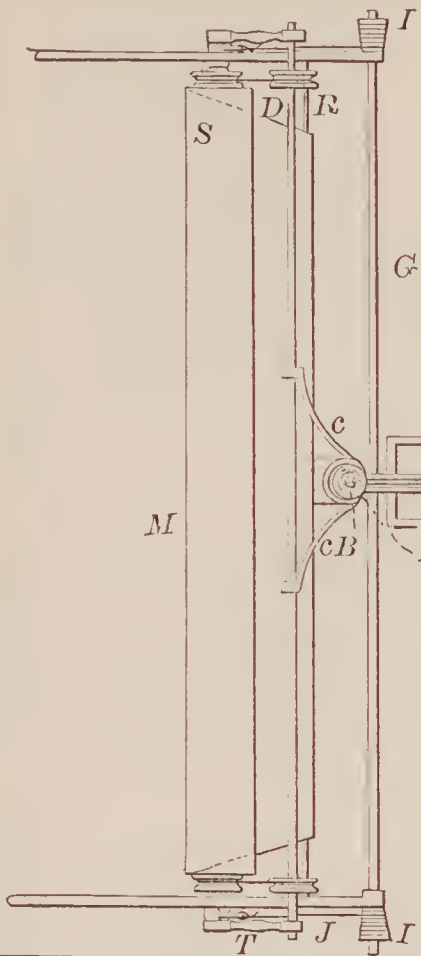
60840—B. W. Dunklee—*Coal Stove.*



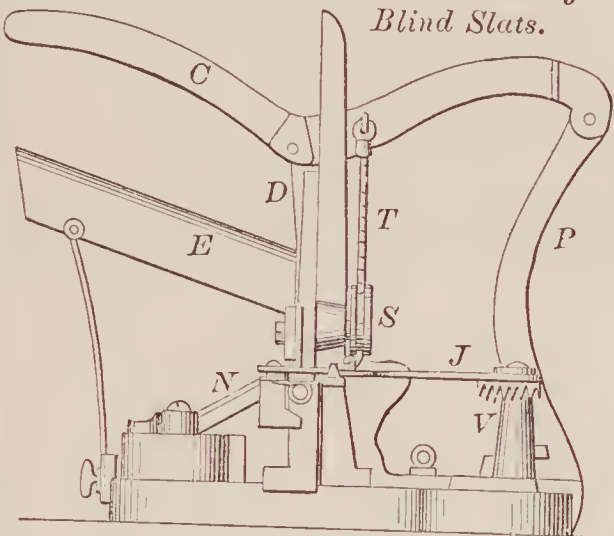
60842—J. Alexander—*Furnace Grate.*



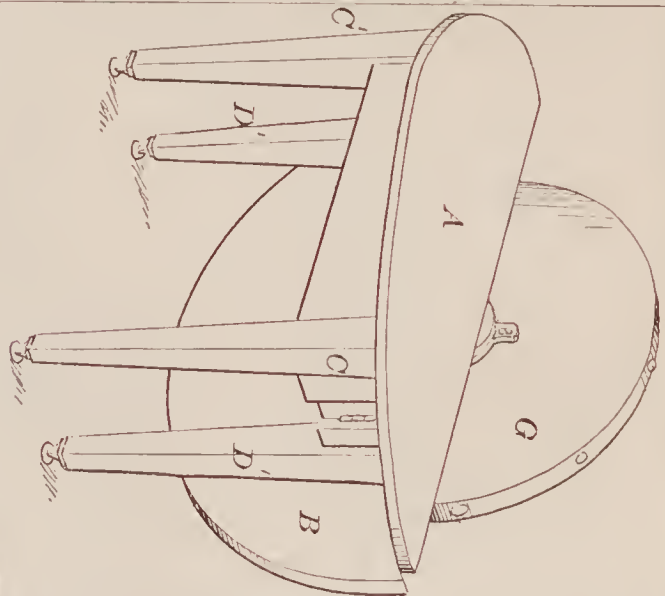
60838—J. Davidson—*For Reefing Sails.*



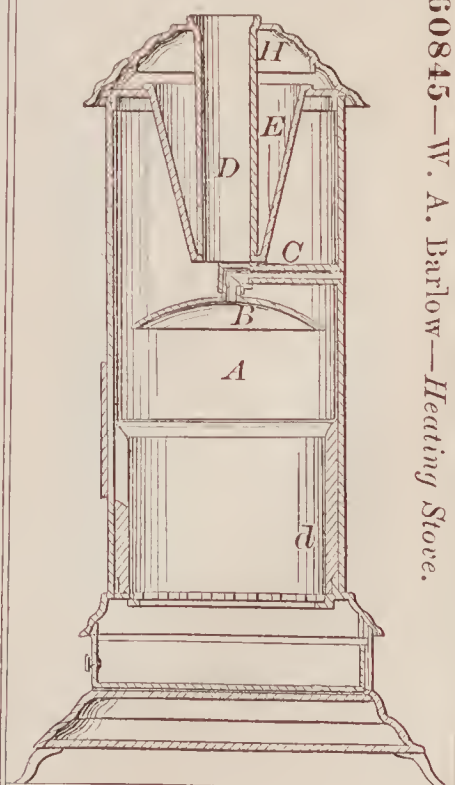
60839—E. F. Dunaway—*For Wiring Blind Slats.*



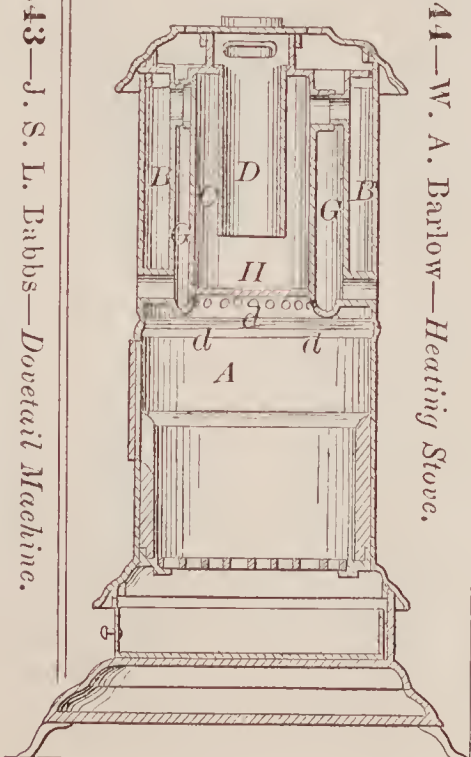
60841—J. E. Dust—*Table.*



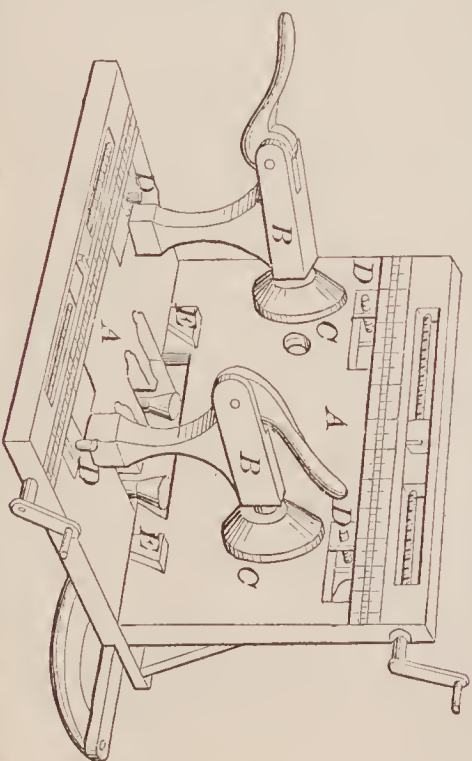
60845—W. A. Barlow—*Heating Stove.*



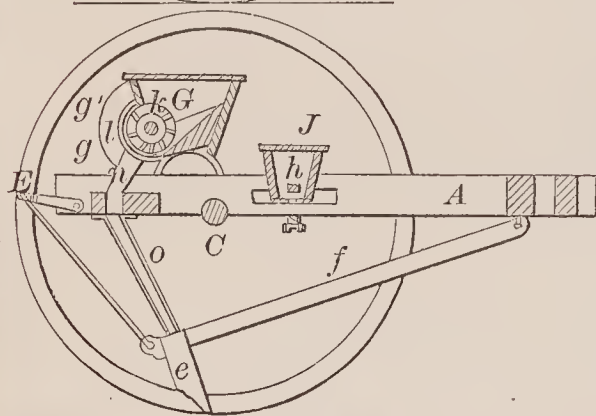
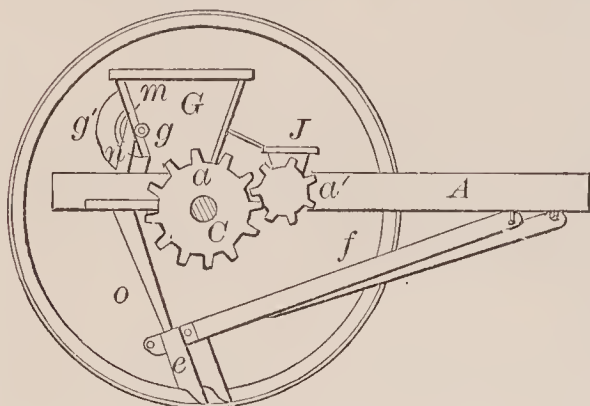
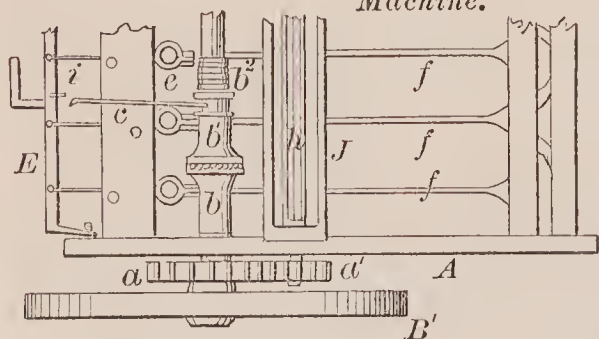
60844—W. A. Barlow—*Heating Stove.*



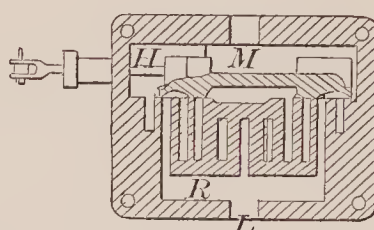
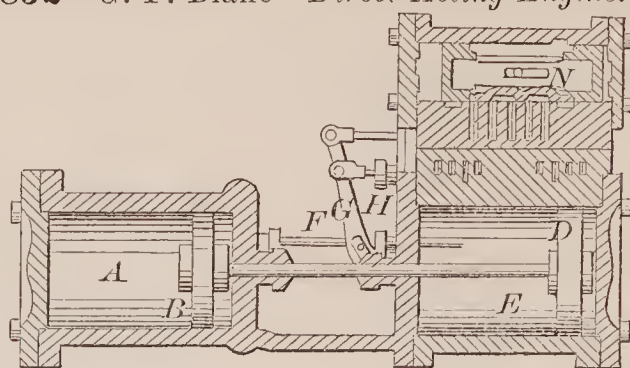
60843—J. S. L. Babbs—*Dovetail Machine.*



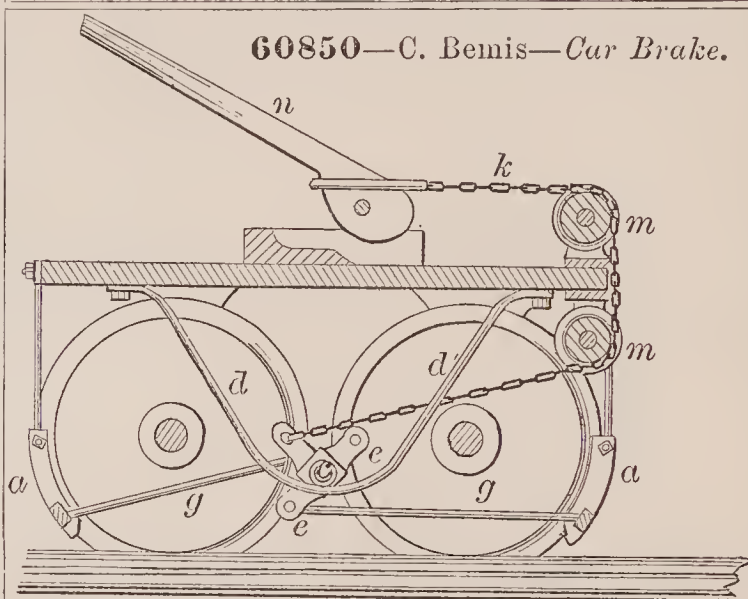
60846—D. C. Baughman—*Seeding Machine.*



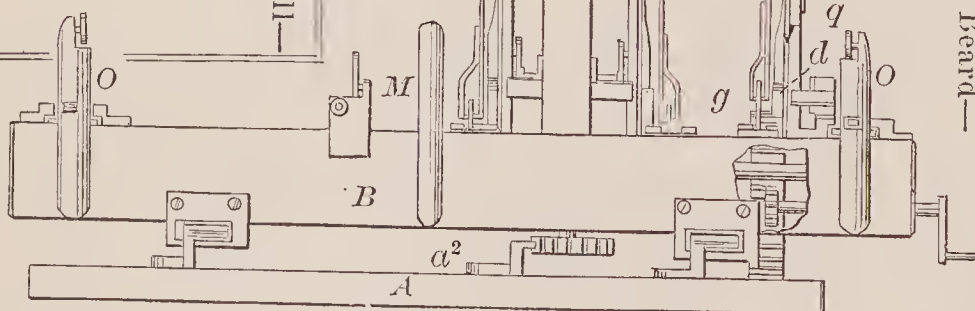
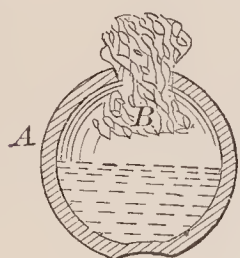
60852—G. F. Blake—*Direct Acting Engine.*



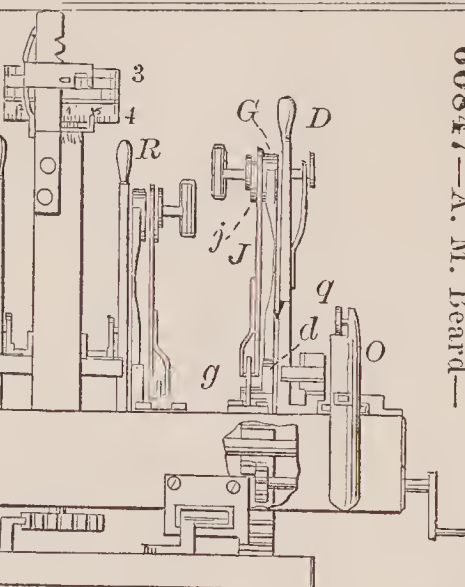
60850—C. Bemis—*Car Brake.*



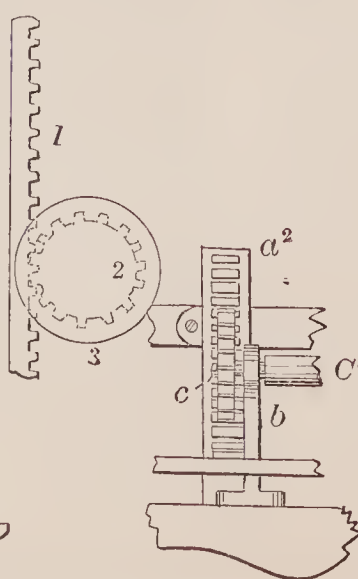
60849—O. T. Bedell—
Slate Washer.



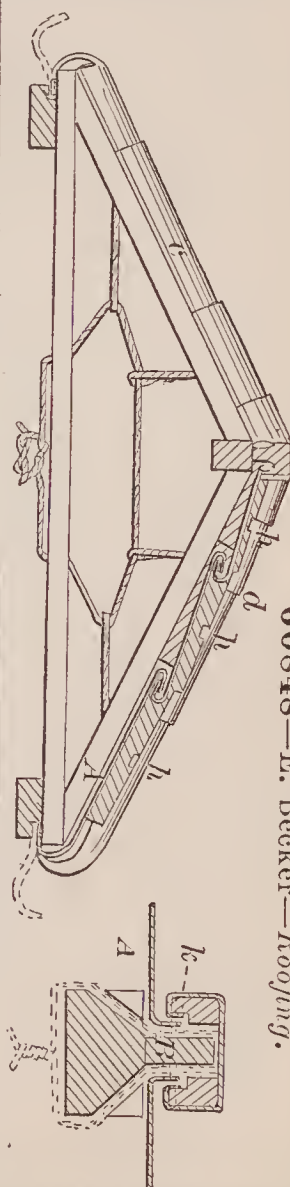
60847-A. M. Beard—



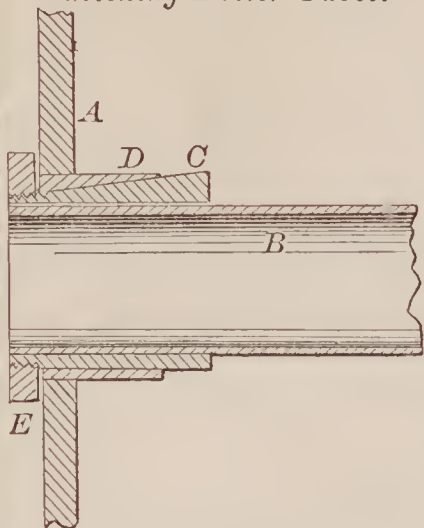
Saw Mill Head Block.



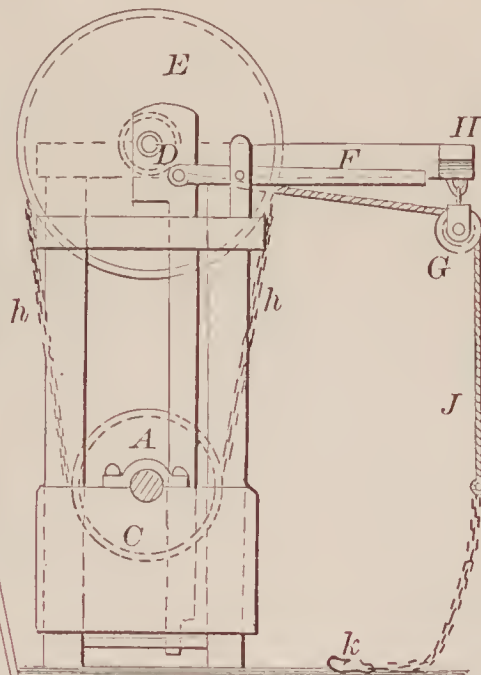
60848—E. Becker—*Roofing.*



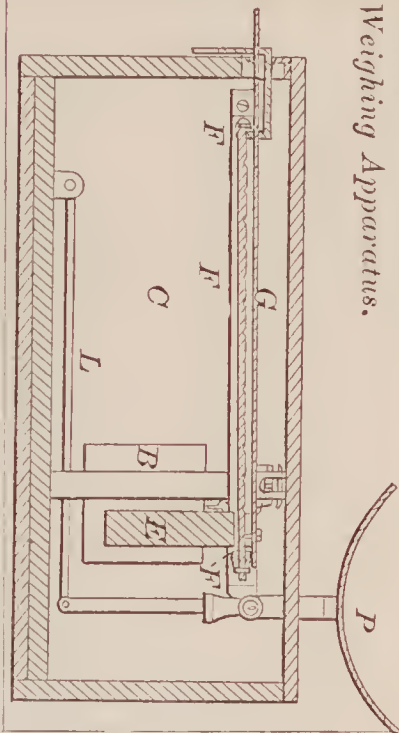
60853—J. Bowden—*For Fastening Boiler Tubes.*



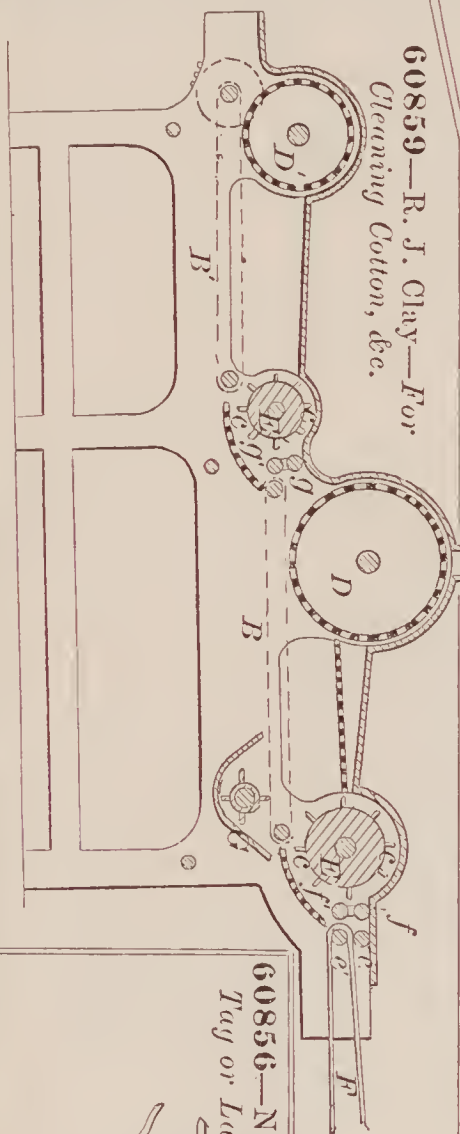
60855—S. Bristow—*Saw Mill.*



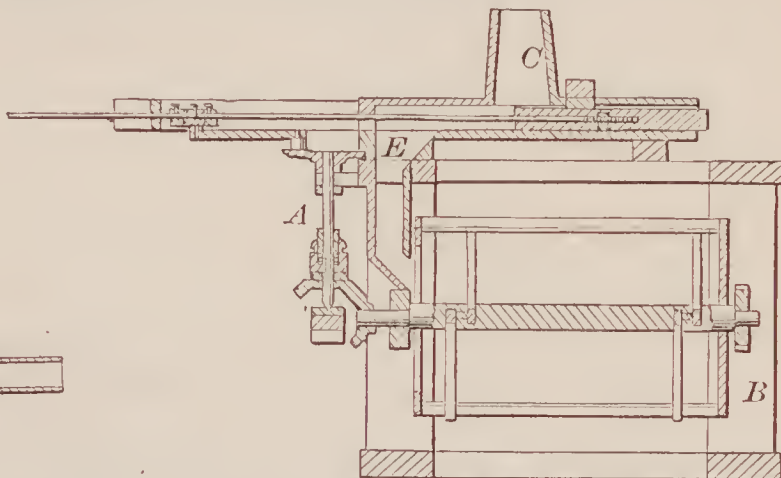
60858—B. Churchill—*Weighing Apparatus.*



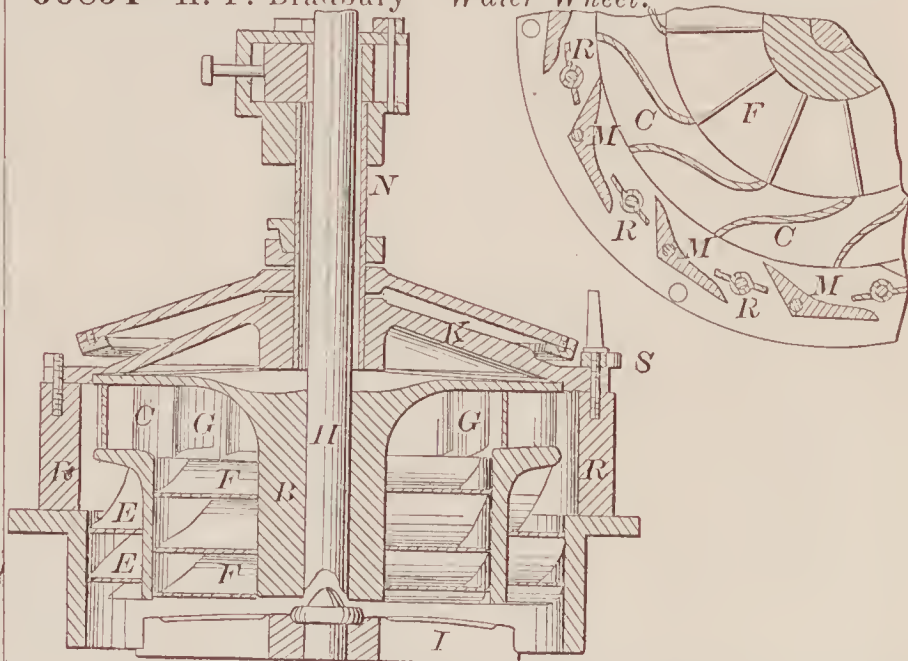
60859—R. J. Clay—*For Cleaning Cotton, &c.*



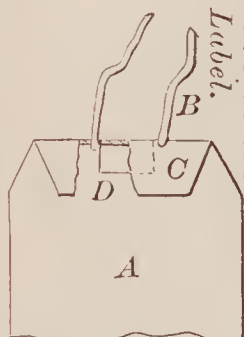
60860—W. F. Cochrane—*Flour Bolt.*



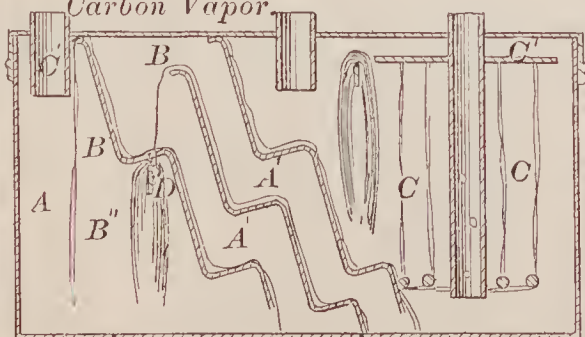
60854—H. P. Bradbury—*Water Wheel.*



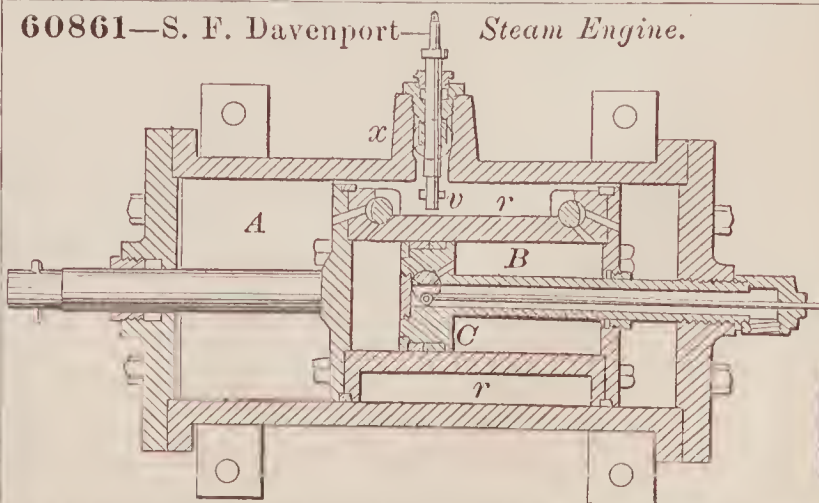
60856—N. H. Bruce—*Tug or Lubel.*



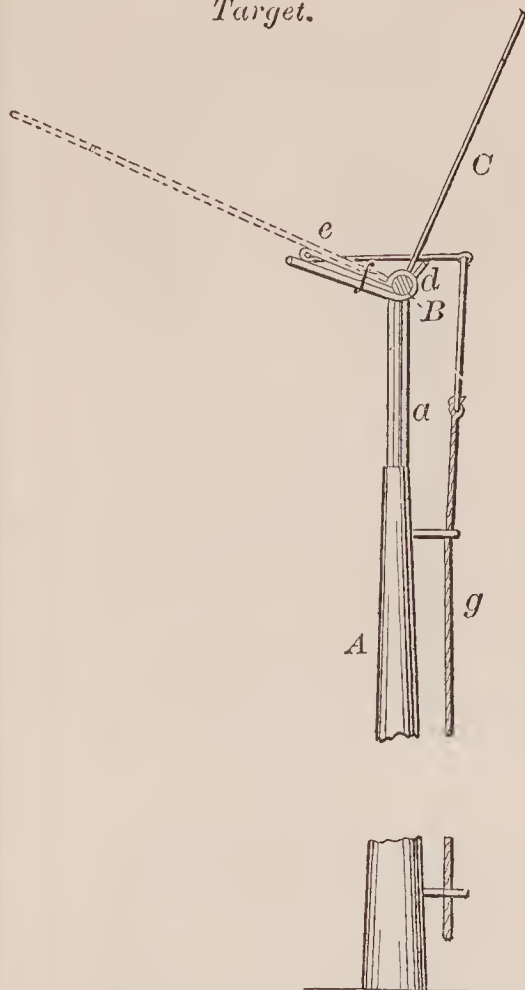
60857—W. H. Burrige—*For Charging Gas or Air with Hydro-Carbon Vapor.*



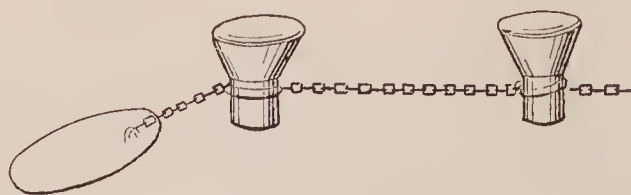
60861—S. F. Davenport—*Steam Engine.*



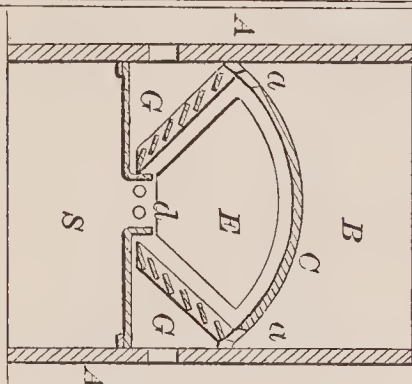
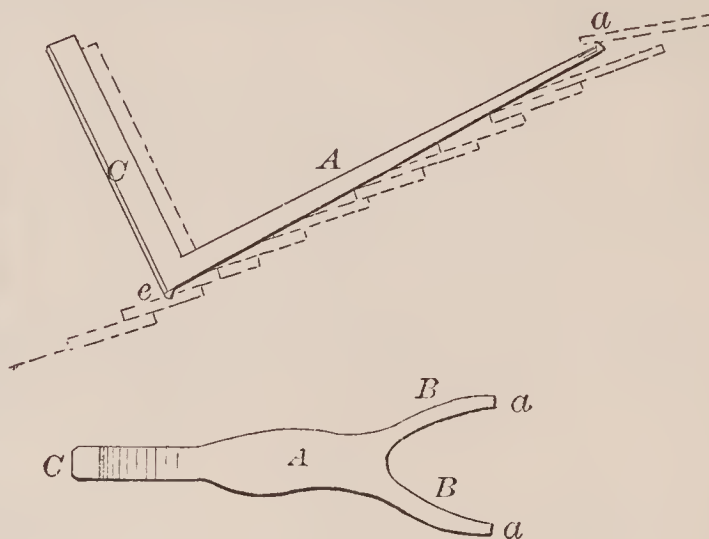
60862—C. A. Demling—*Air Gun Target.*



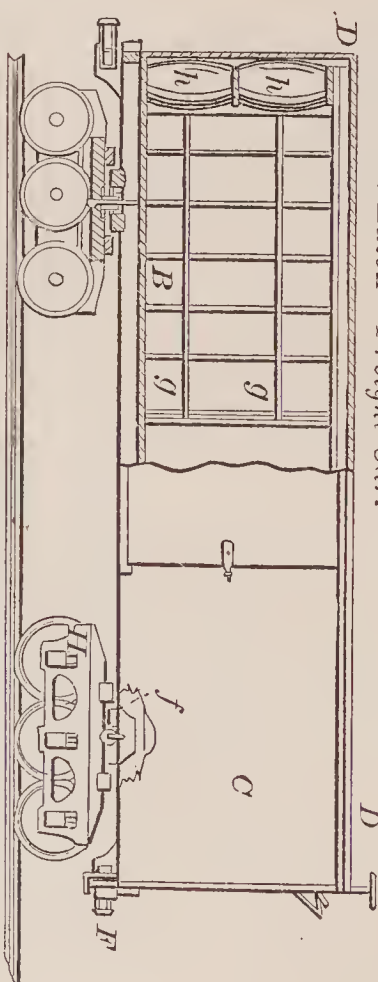
60864—S. S. Durfee—*For Removing Bars from Rivers, &c.*



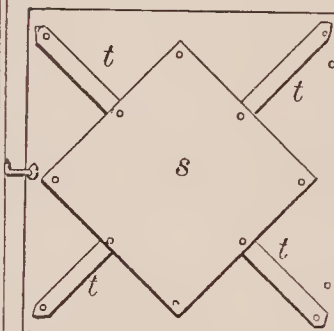
60866—C. Eddy—*Scaffold Bracket.*



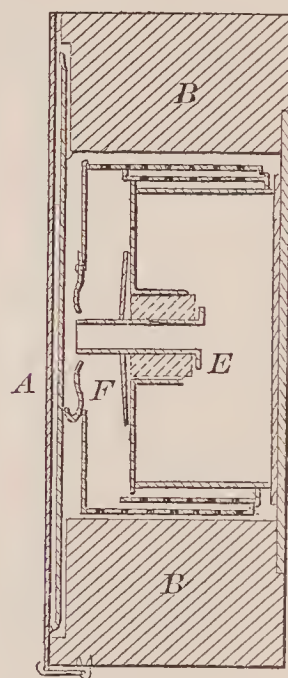
60867—W. Ennis—*Furnace.*



60865—R. Eaton—*Freight Car.*

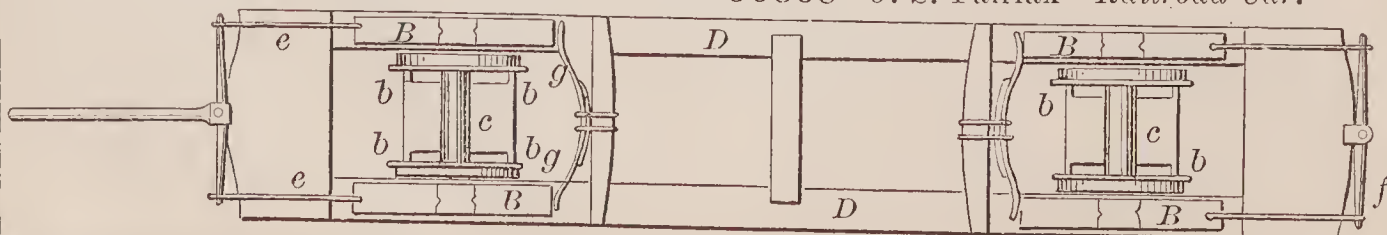


60869—D. P. & M. P. Farnham—*Foot Stove and Lantern.*

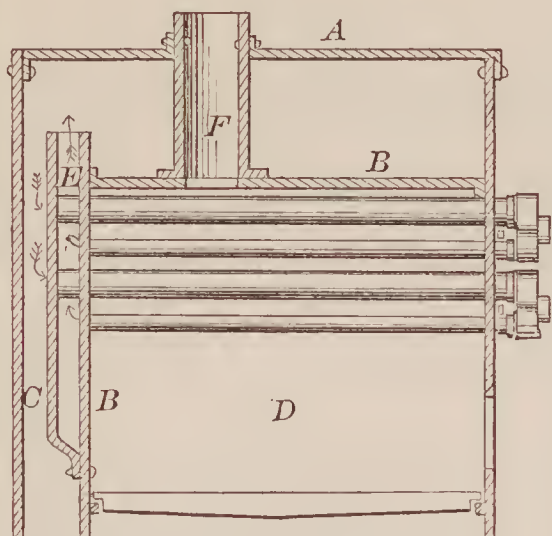


60863—S. R. Dummer—*Toy Gun.*

60868—J. S. Fairfax—*Railroad Car.*



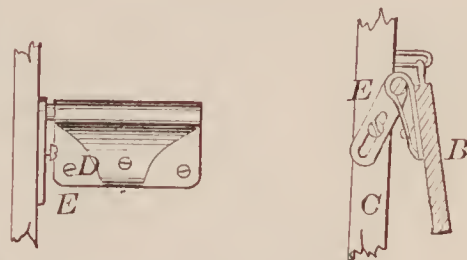
60870—H. Feyh—*Steam Generator.*



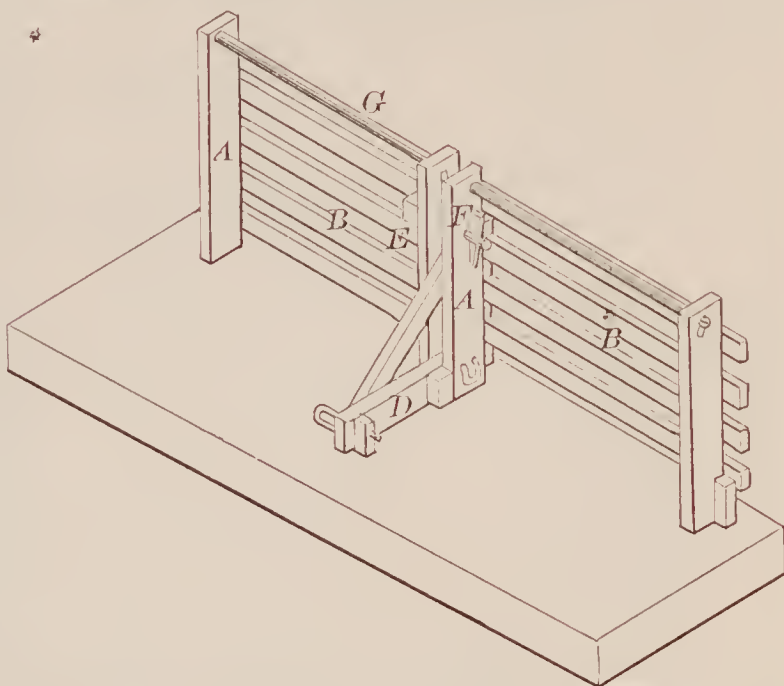
60871—N. T. Folsom—*Dental Plate.*



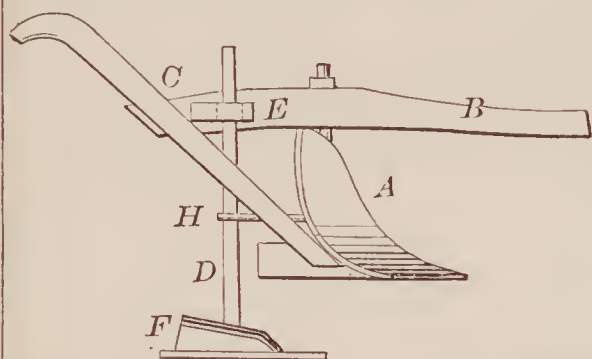
60872—C. B. Francis—*Blind Fastener.*



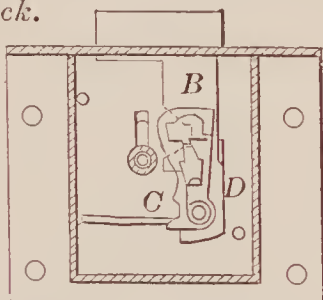
60873—J. J. Friend—*Field Fence.*



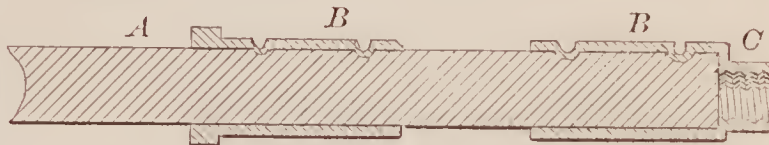
60875—P. M. Gilbert—*Plow.*



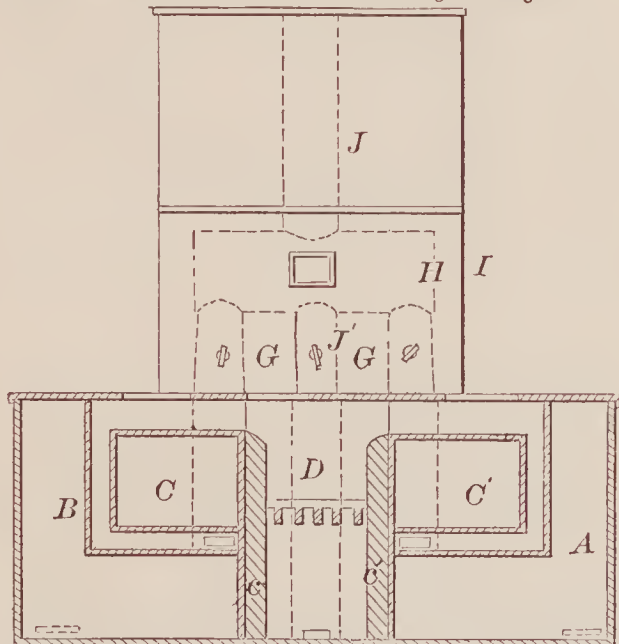
60874—E. L. Gaylord—*Drawer Lock.*



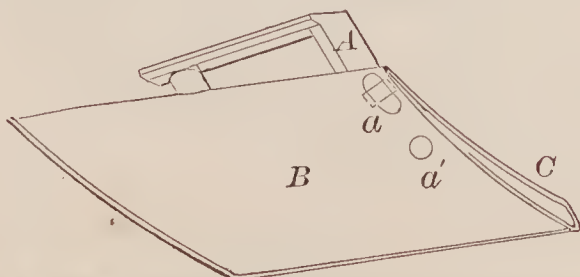
60876—A. W. Gillett—*Axle.*



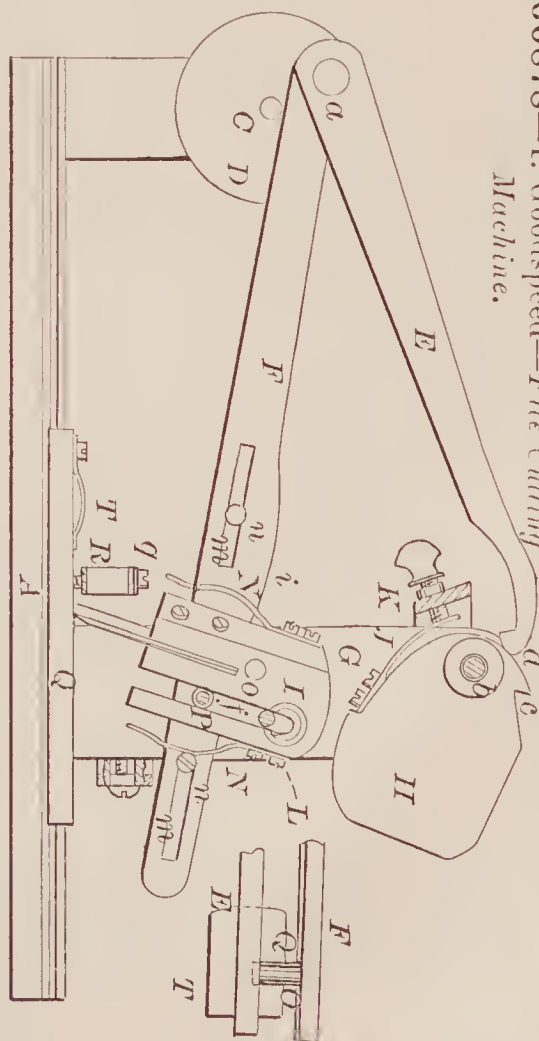
60877—W. A. Goodher—*Cooking Range*

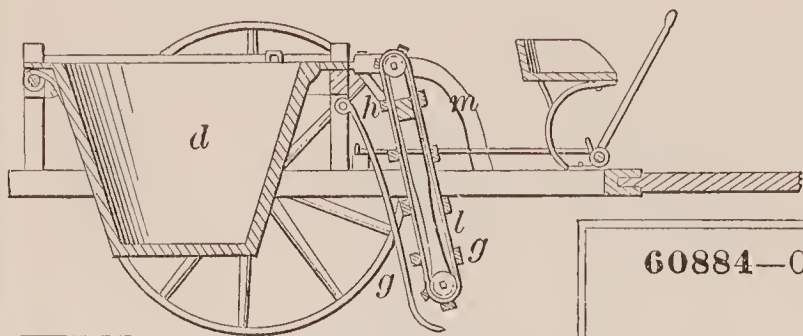
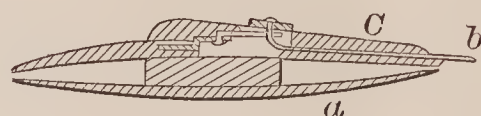
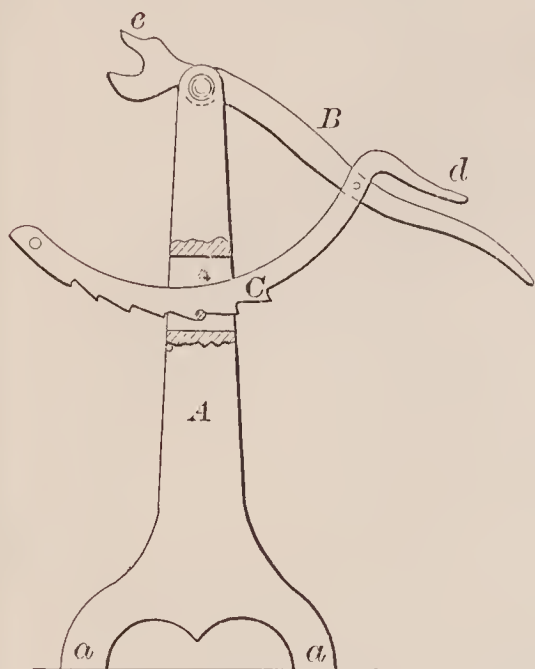
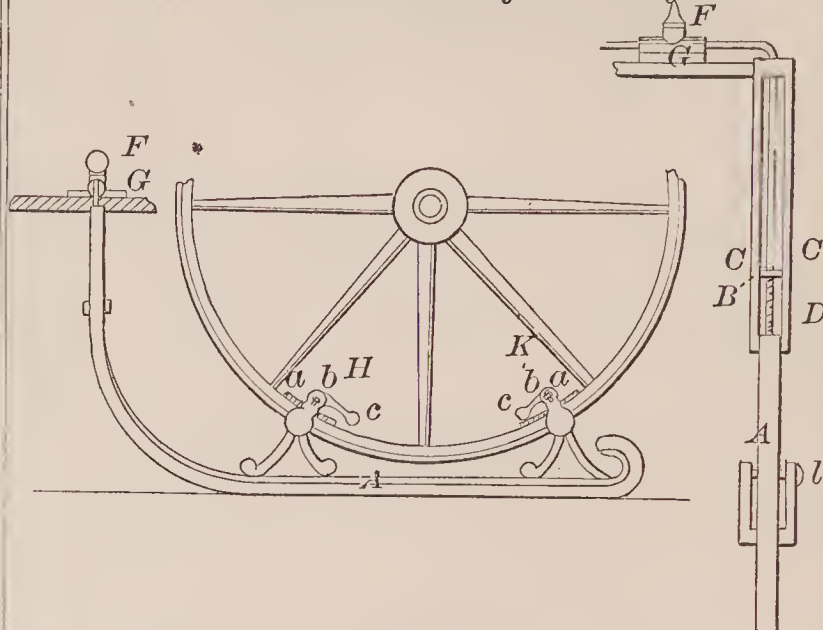
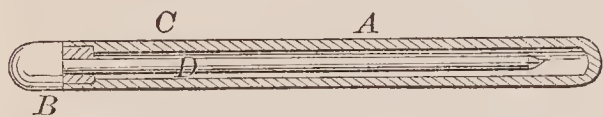
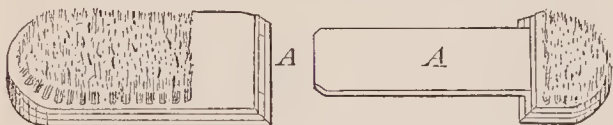
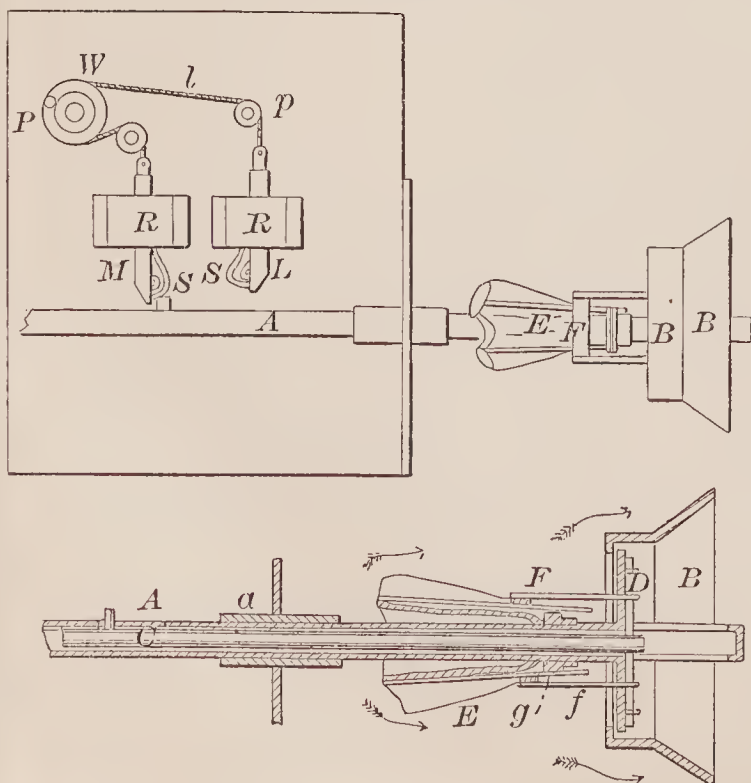
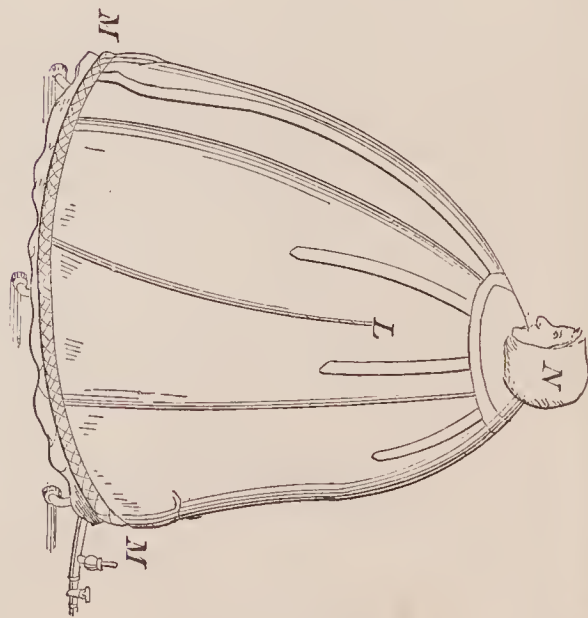
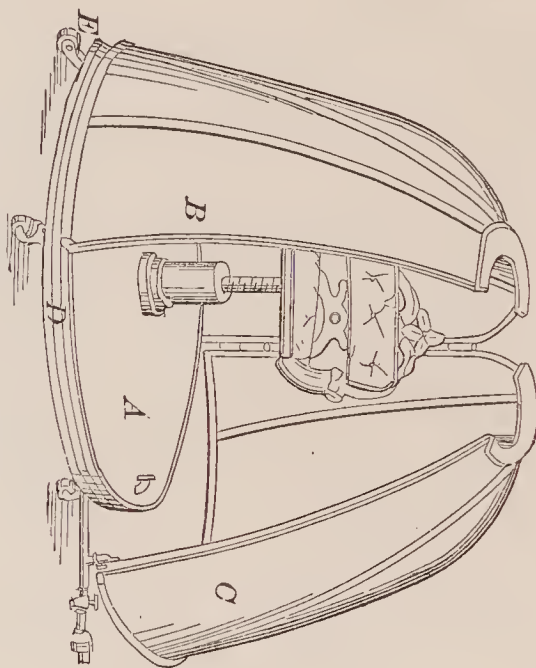


60879—N. Gotten—*Cotton Cultivator.*

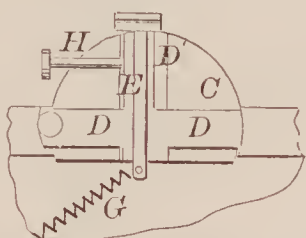
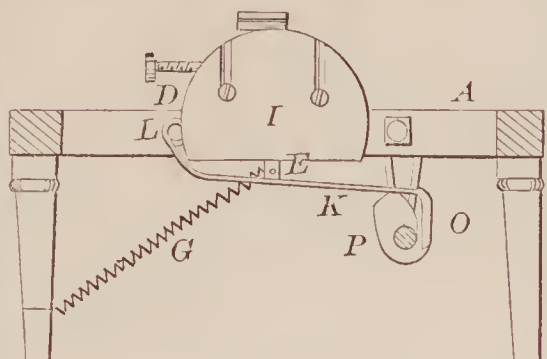


60878—L. Goodspeed—*File Cutting Machine.*

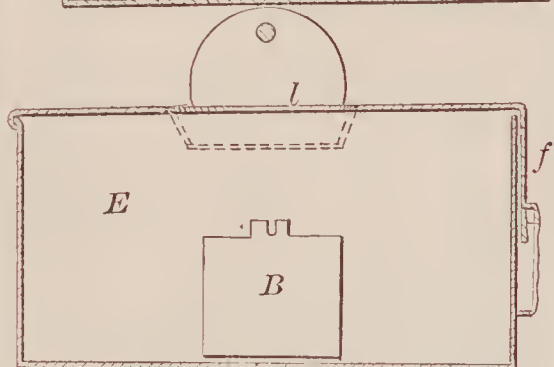
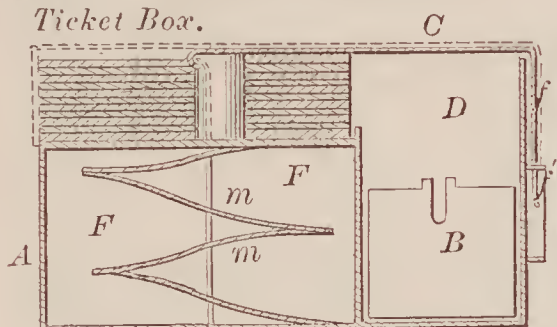


60880—F. Granger—*For Raking and Cocking Hay.***60882**—A. B. Greenwalt—*Tatting Shuttle.***60881**—G. F. Graves—*Lifting Jack.***60884**—O. B. Hale—*Carriage and Sleigh.***60885**—W. B. Hale—*Indelible Pencil.***60886**—C. Hamilton—*Shoe Brush and Case.***60887**—B. Handforth—*Propeller.***60883**—G. Hadfield—*Medical Vacuum Apparatus.*

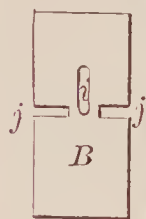
60888—J. Hanlon—Sewing Machine.



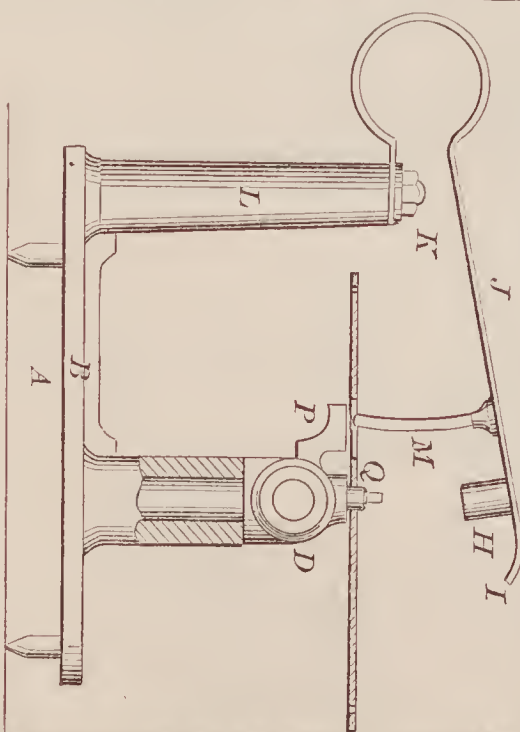
60891—H. Hise—Conductor's Ticket Box.



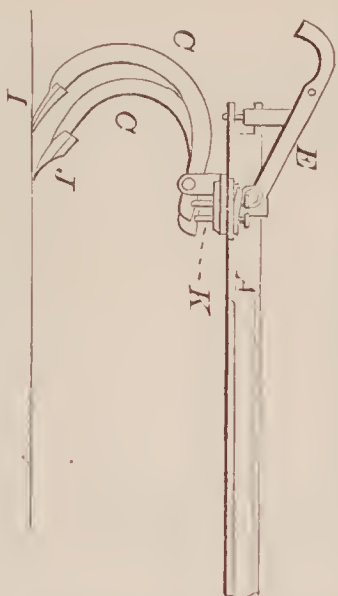
60894—H. W. Hopkins—Butter Mould.



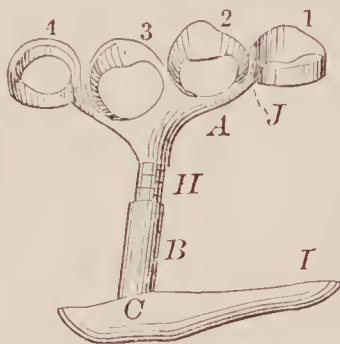
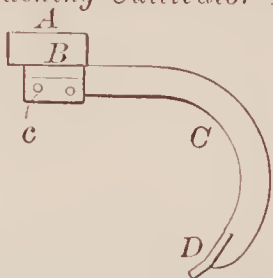
60897—Johnson & Allen—Alarm Gun.



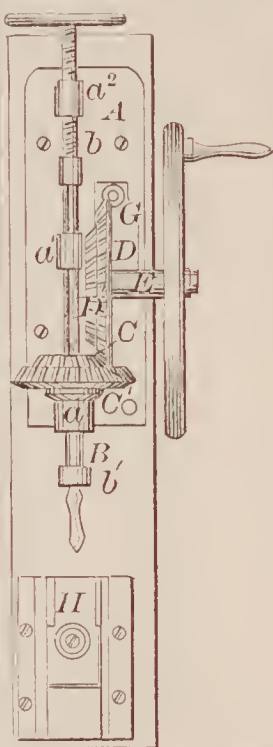
60892—J. C. Hoffeditz—Cultivator.



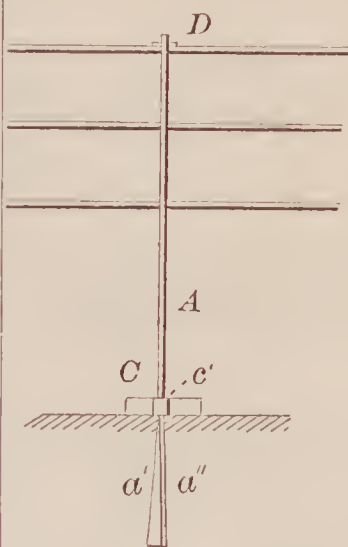
60893—J. C. Hoffeditz—Attaching Cultivator Teeth.



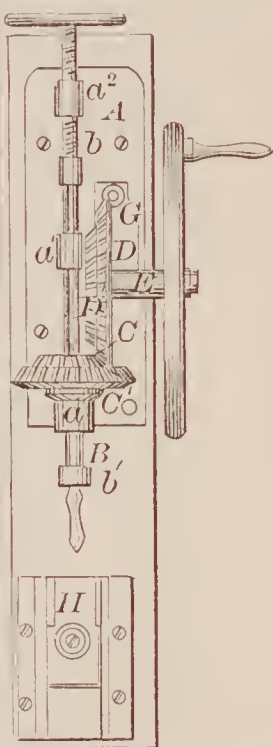
60896—H. A. Hutson—Penman's Assistant.



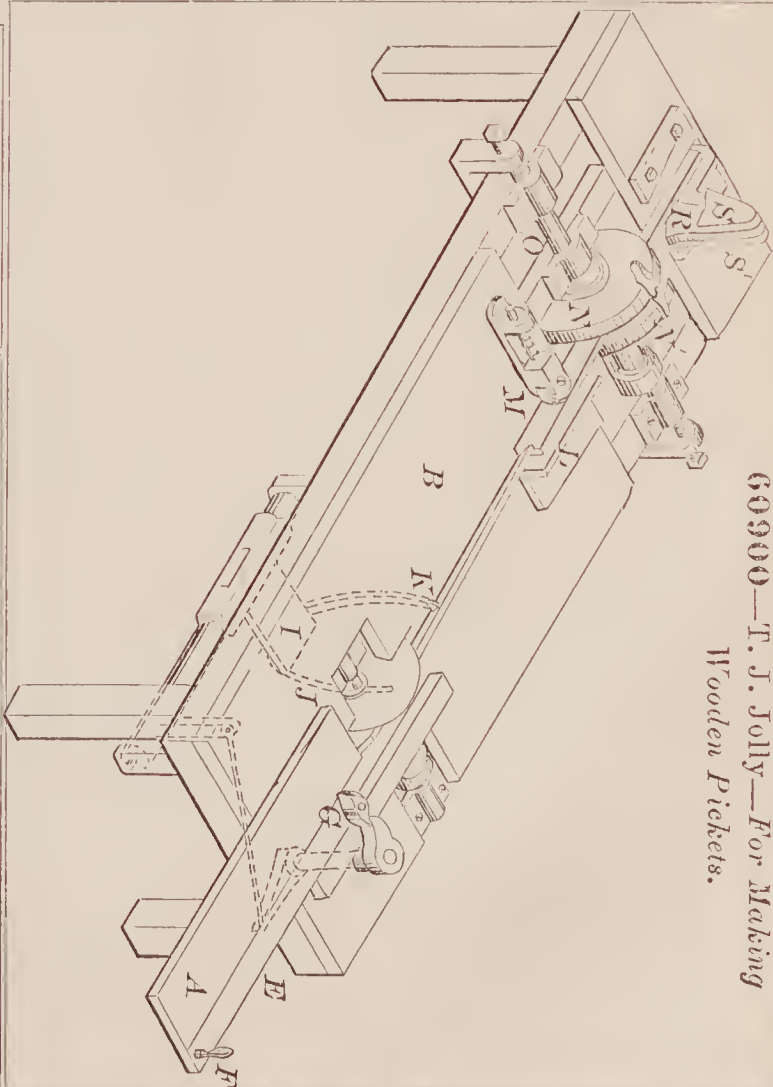
60889—B. S. Haviland—Fence Post.



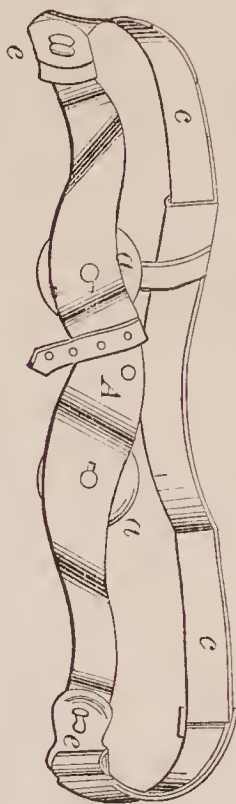
60895—H. Hufendeck—Drill.



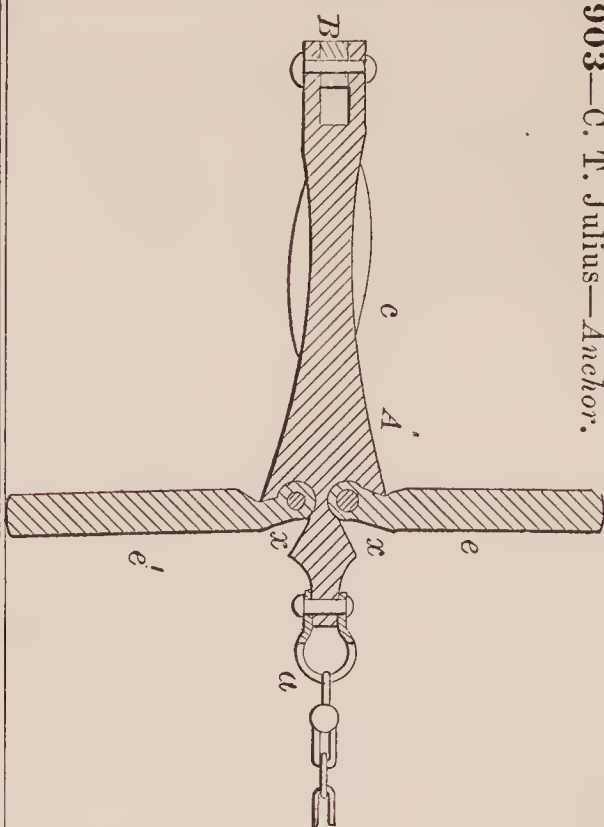
60900—T. J. Jolly—For Making Wooden Pickets.



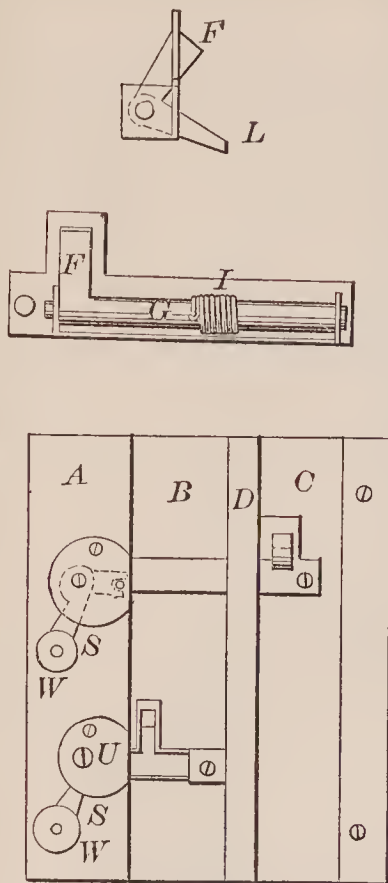
60904—J. A. W. Insti—Truss.



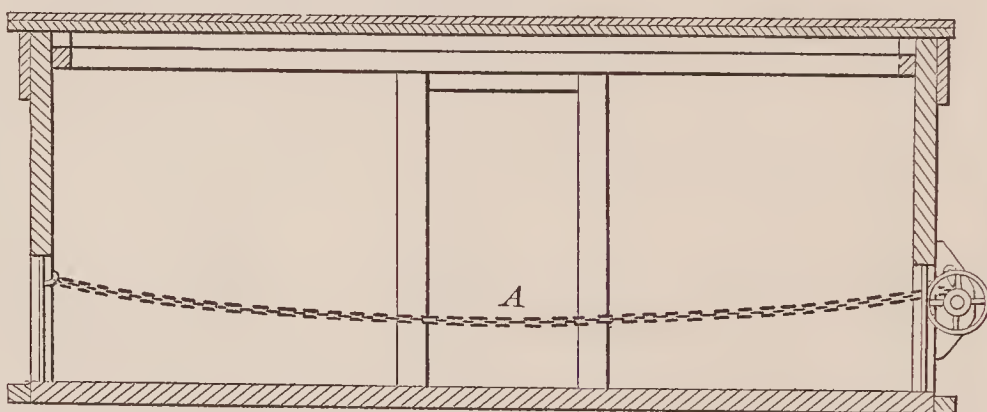
60903—C. T. Julius—Anchor.



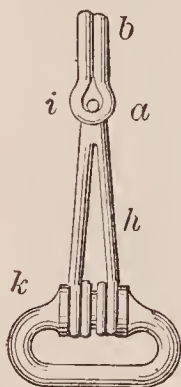
60901—I. W. Judd—Sash Fastener.



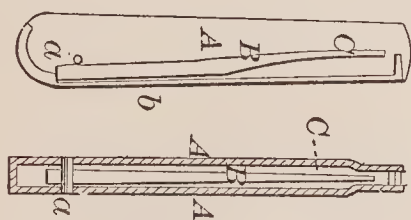
60906—M. T. Kehoo—Cattle Car.



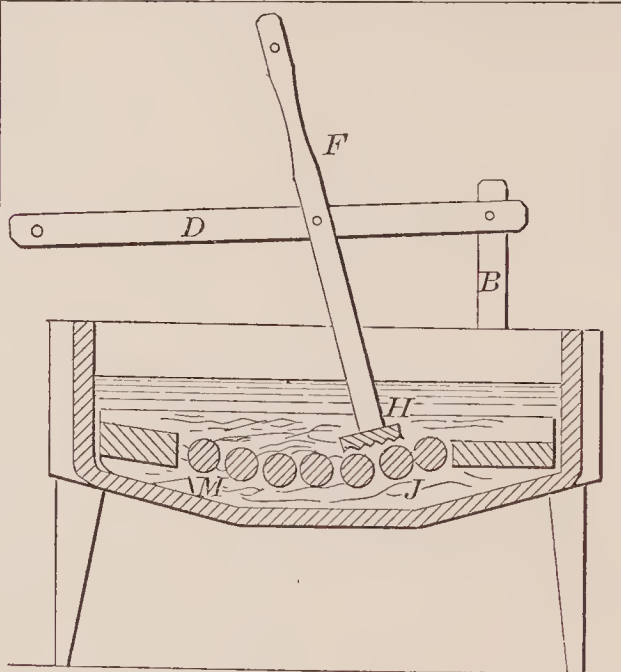
60902—O. S. Judd—Snap Hook.



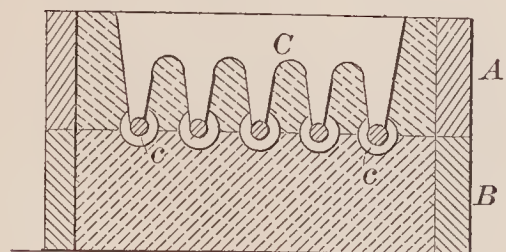
60905—G. & J. Kay—Pocket Knife.



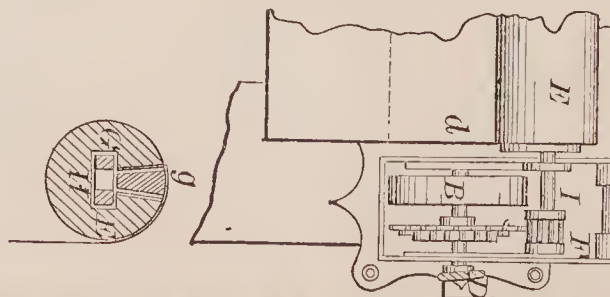
60907—J. B. Kinney—Washing Machine.



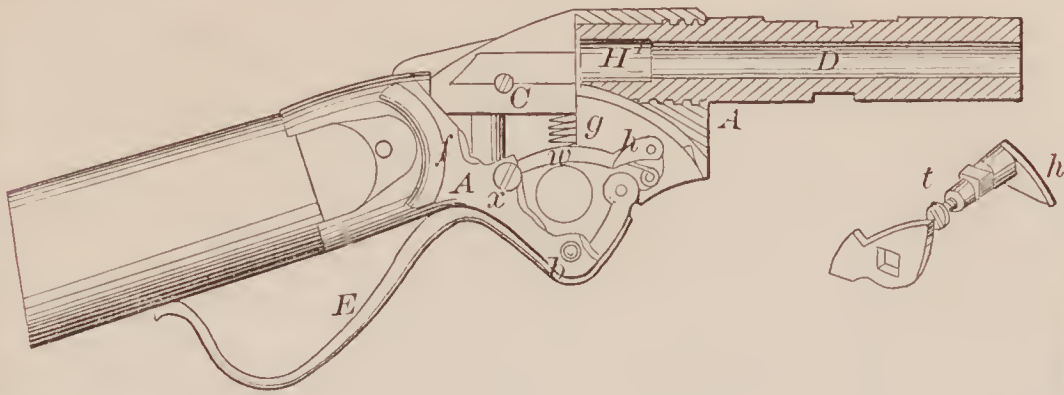
60909—P. W. Lamb—Moulder's Sprue.



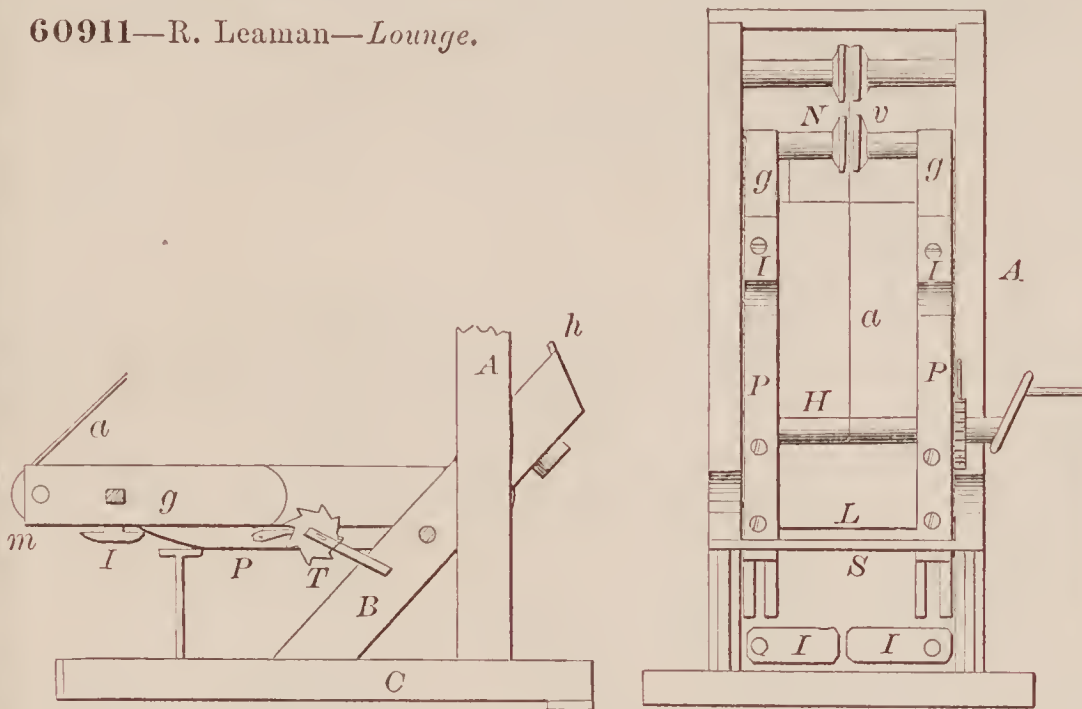
60908—A. H. Knapp—Curtain Fixture.



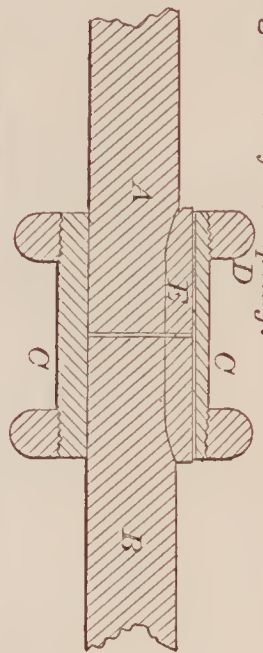
60910—T. W. Lane—*Magazine Fire Arm.*



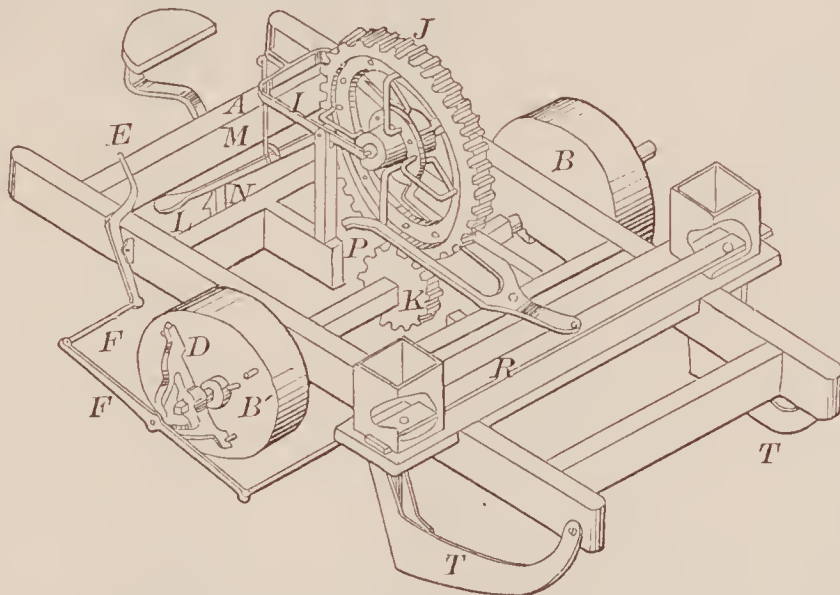
60911—R. Leaman—*Lounge.*



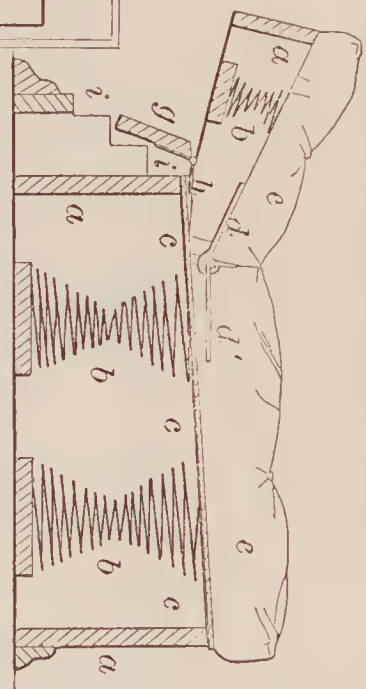
60912—J. F. Light—*Shaft Coupling.*



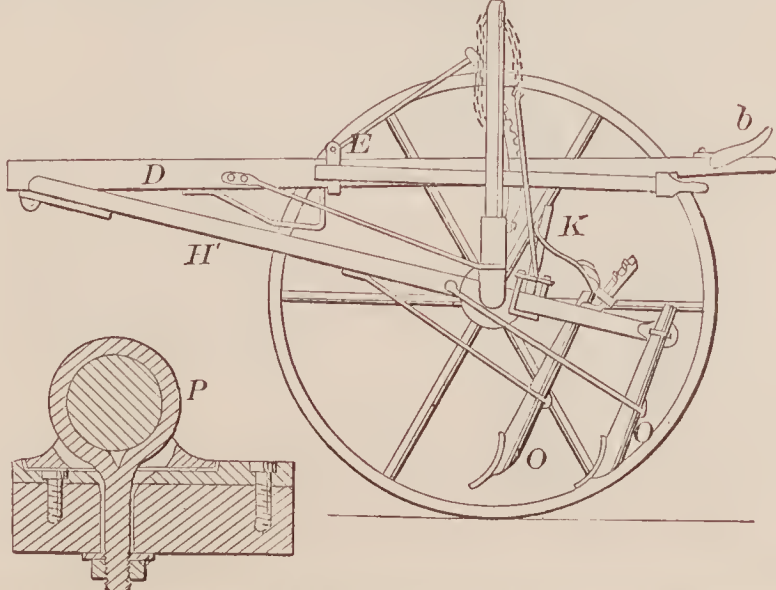
60914—C. Long—*Corn Planter.*



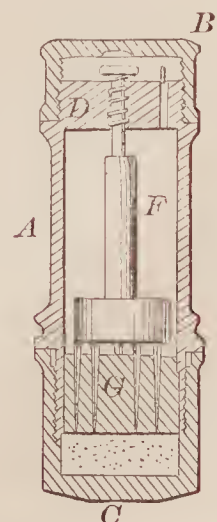
60913—C. P. Loeser—*Bed Bottom.*

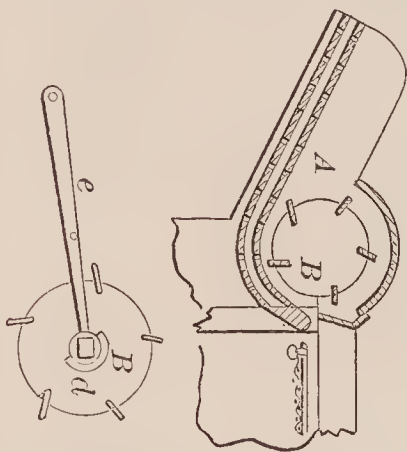
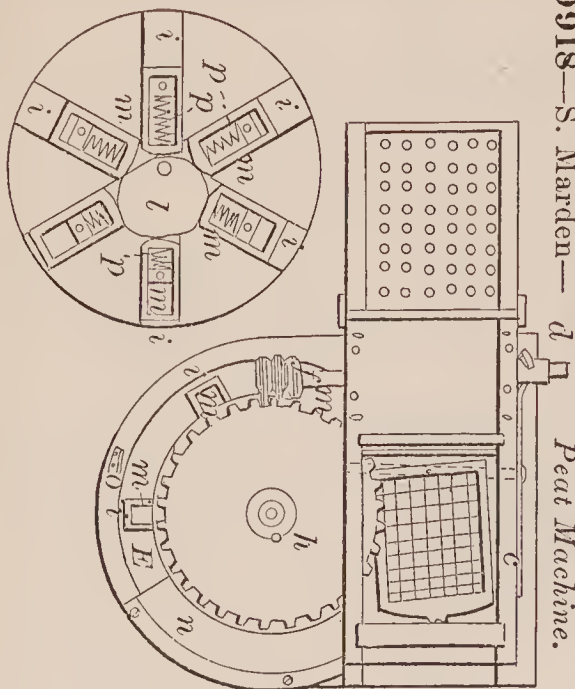
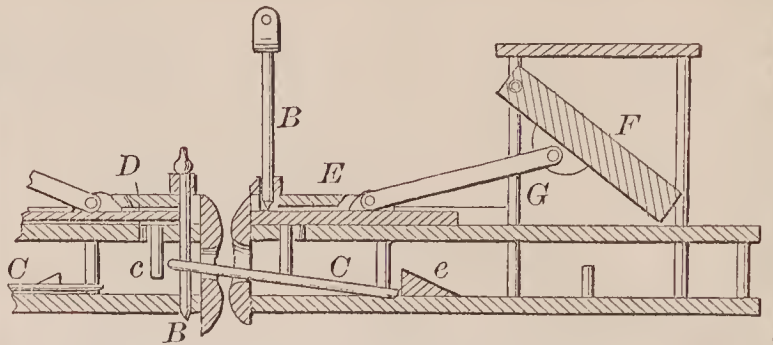
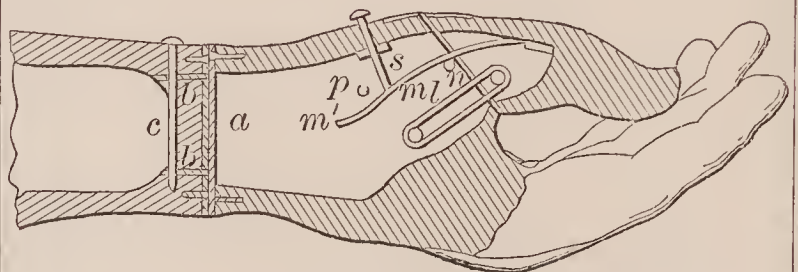
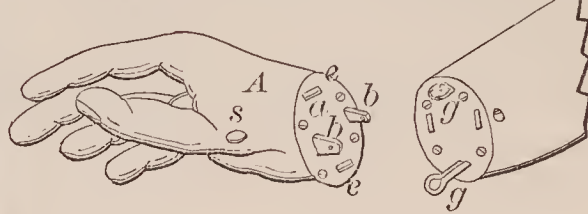
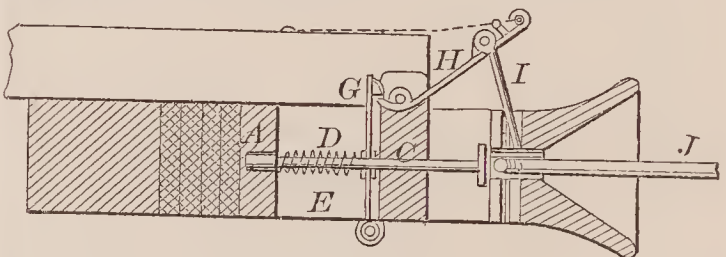
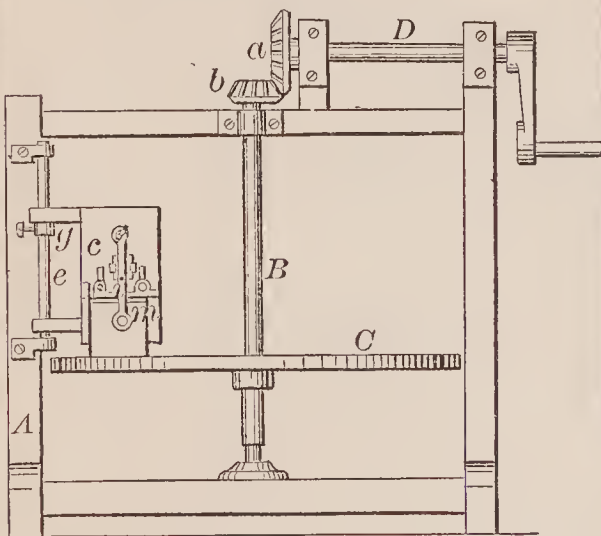
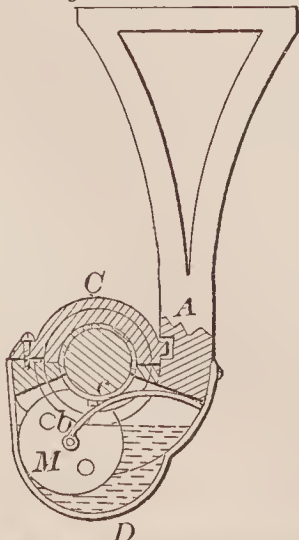
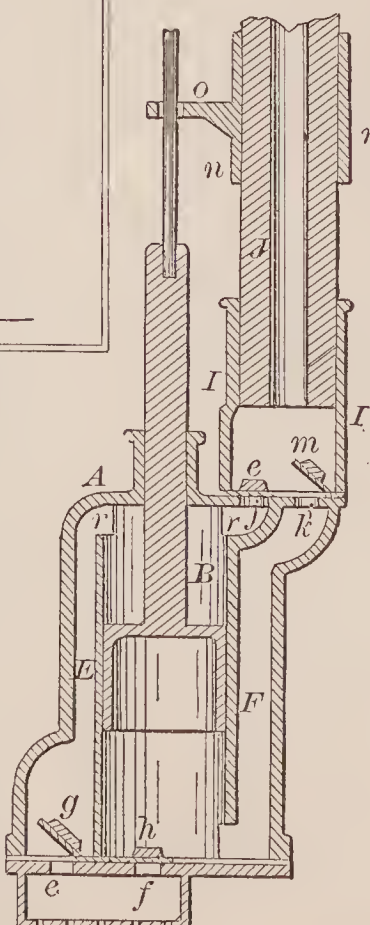
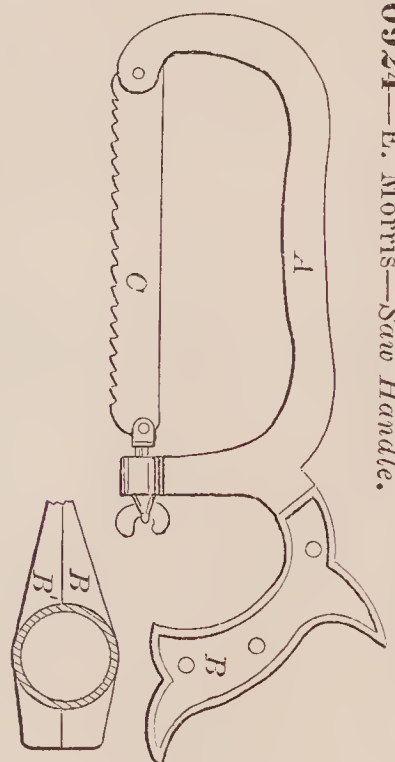


60916—Bertrand & Sames—*Cultivator.*

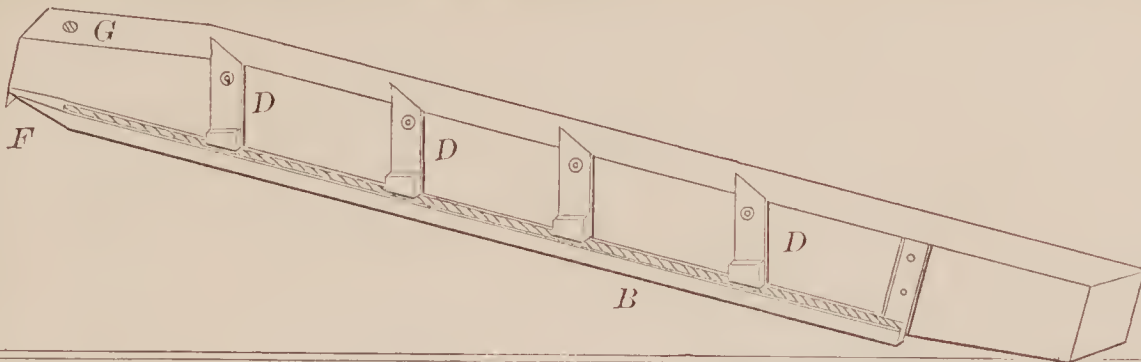


60917—A. R. Brown—*For Acupuncture.*

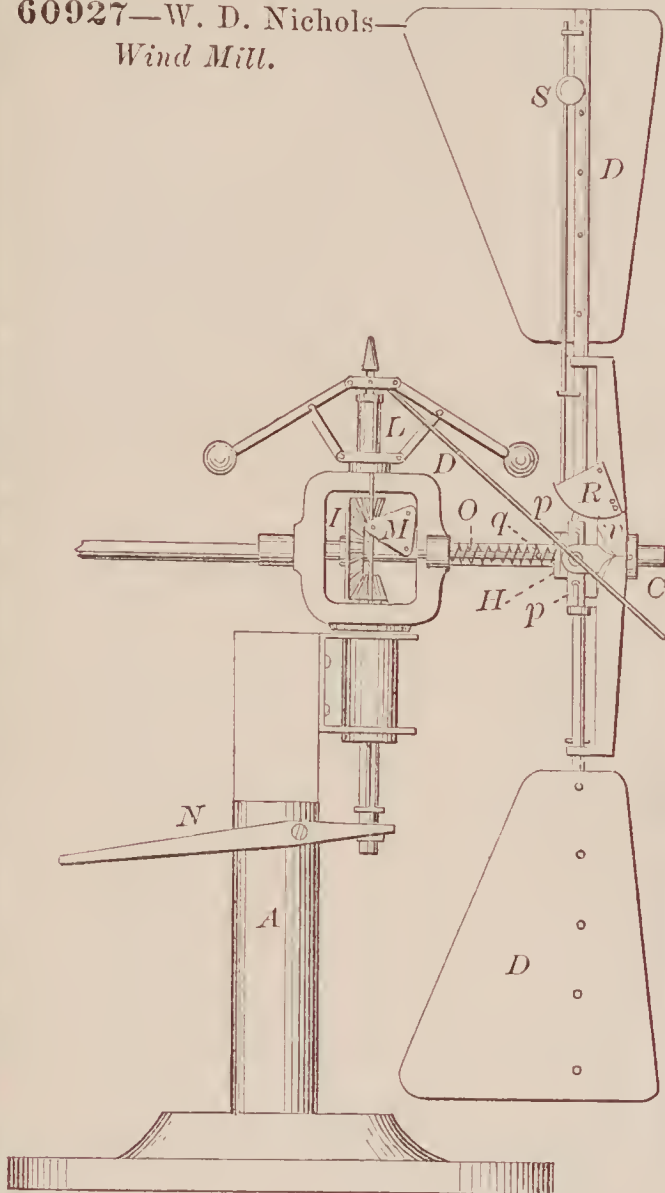


60918—S. Marden—*Peat Machine.*60920—J. McLaughlin—*Car Coupling.*60921—A. McOmber—*Artificial Arm.*60923—F. H. Meyers—*Car Coupling.*60922—A. T. Merriman—*For Squaring Tiles.*60925—G. M. Morris—*Lubricating Device.*60919—R. A. McCauley—*Pump.*60924—E. Morris—*Saw Handle.*

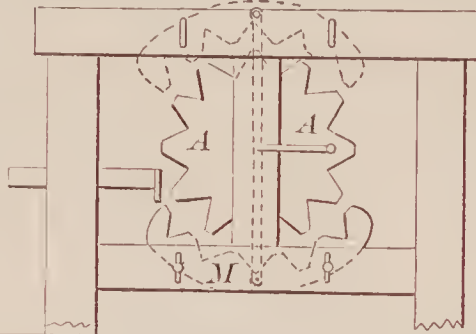
60926—G. W. Nichols—*Logging Skid.*



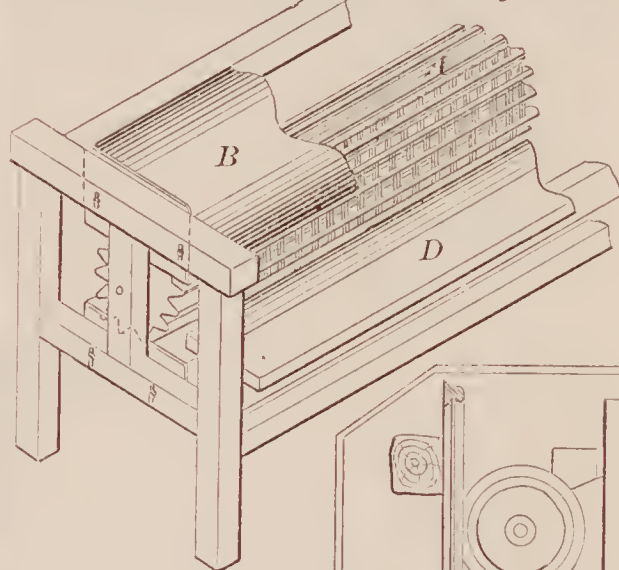
60927—W. D. Nichols—*Wind Mill.*



60928—N. Palmer—*Threshing Machine.*



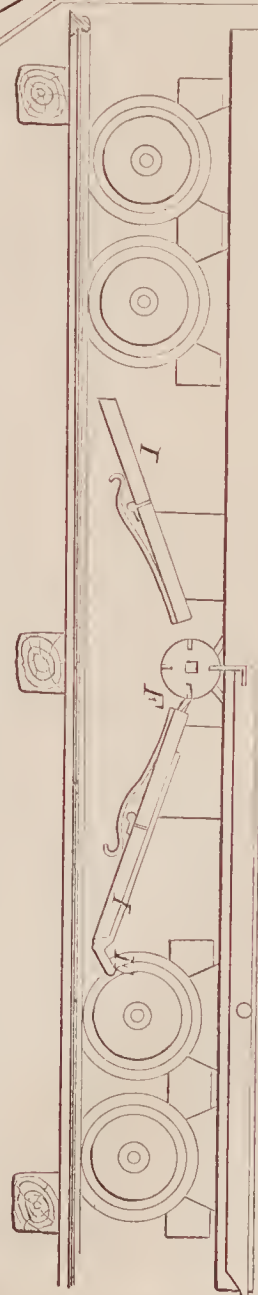
60929—N. Palmer—*Threshing Machine.*



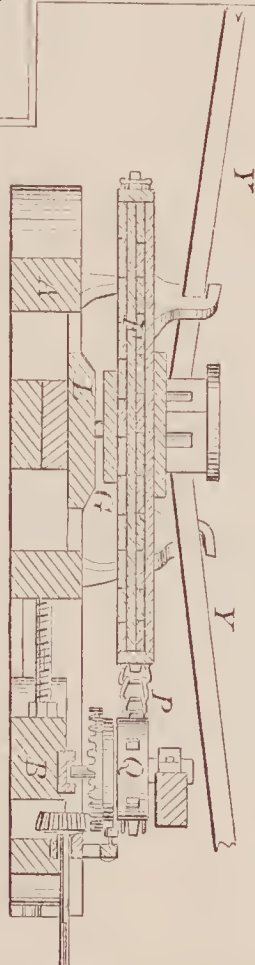
60931—J. K. Park—*Damping Brush.*



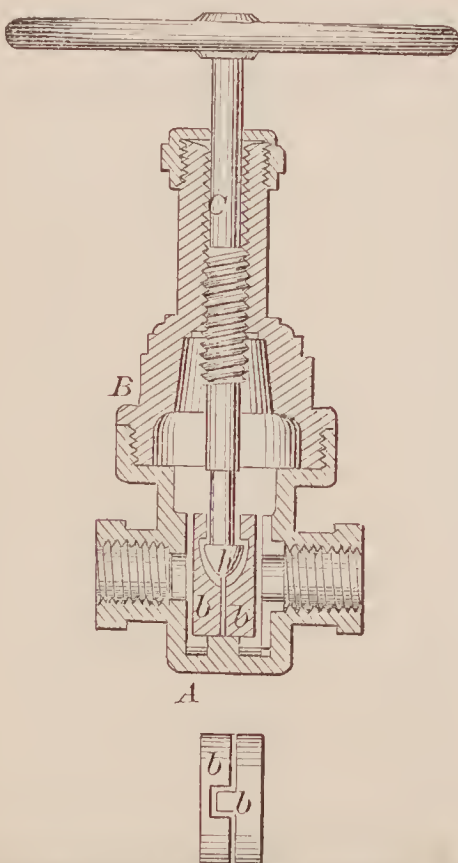
60930—P. Pardee—*Car Brake.*

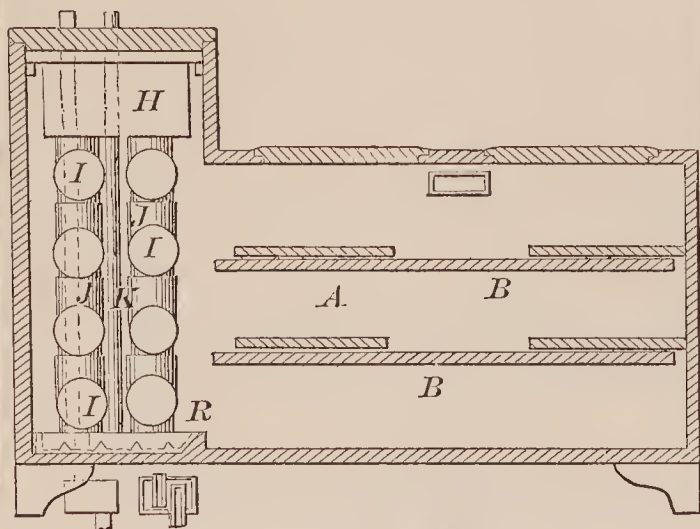
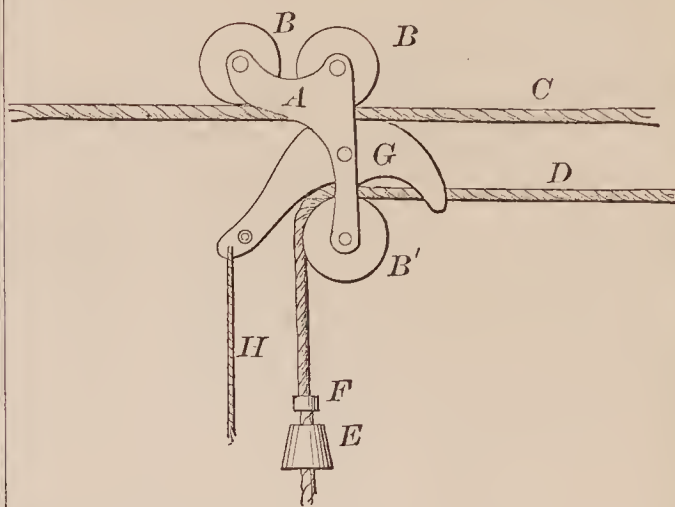
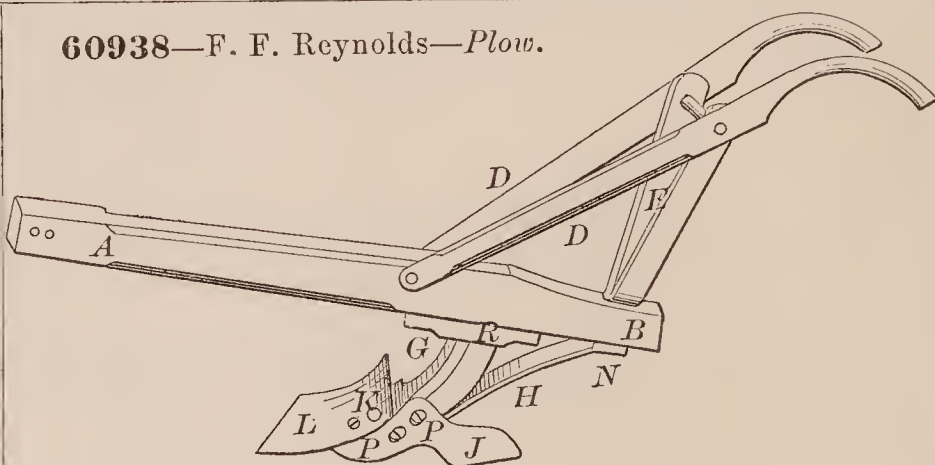
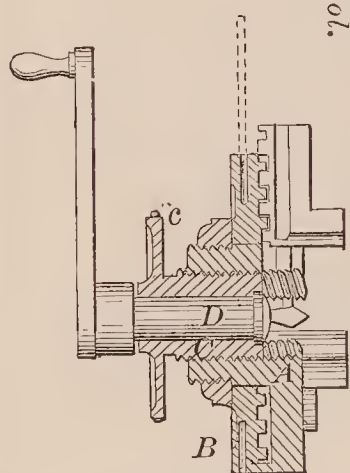
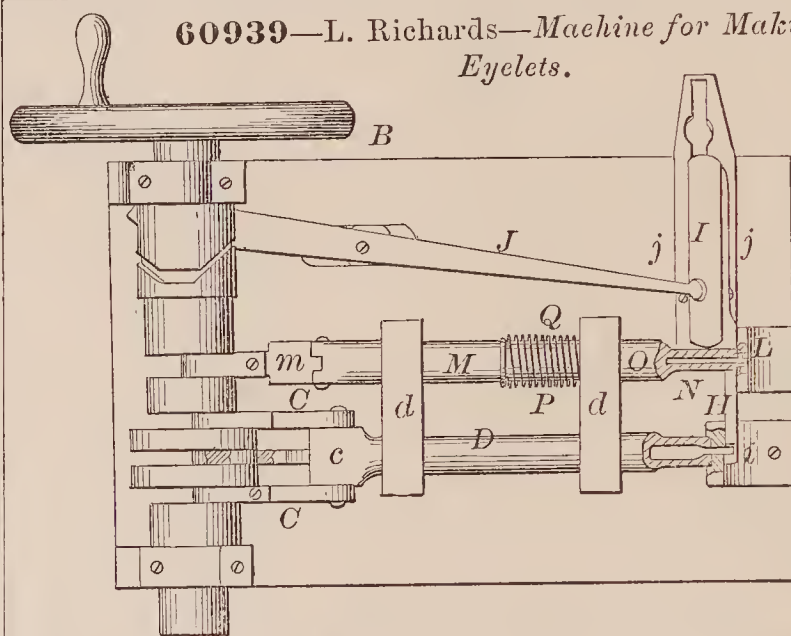
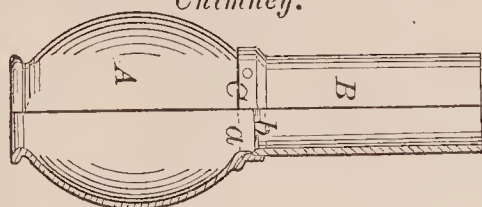
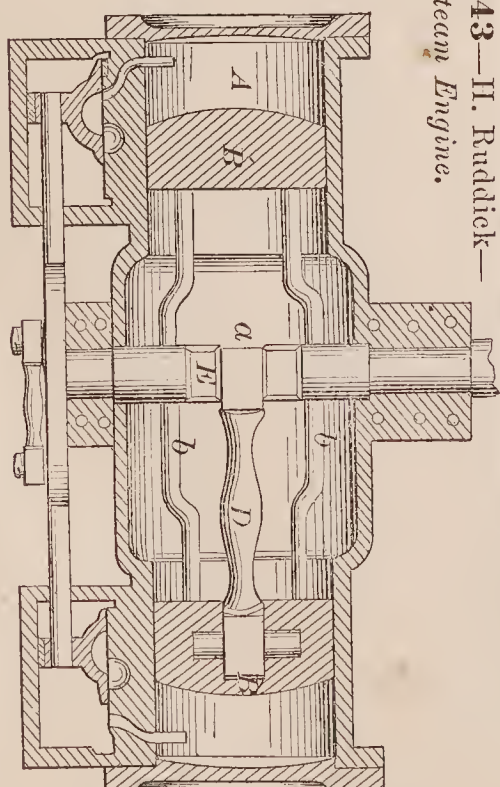
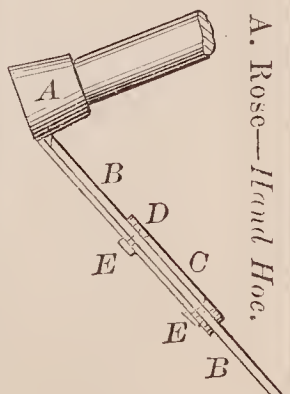
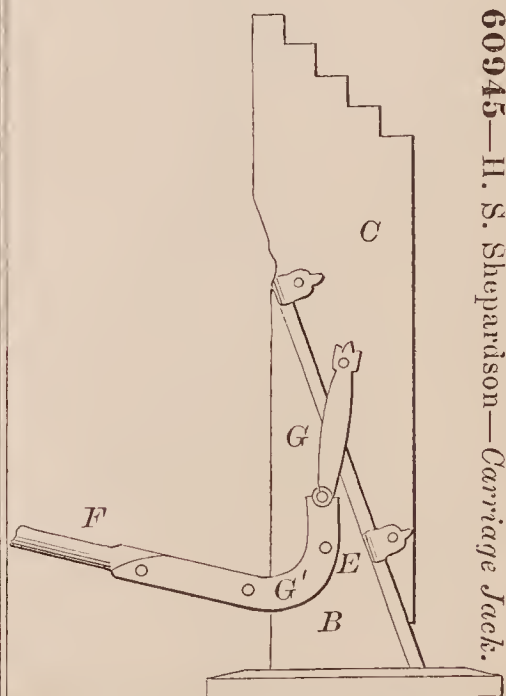


60933—W. L. Peet—*Horse Power.*

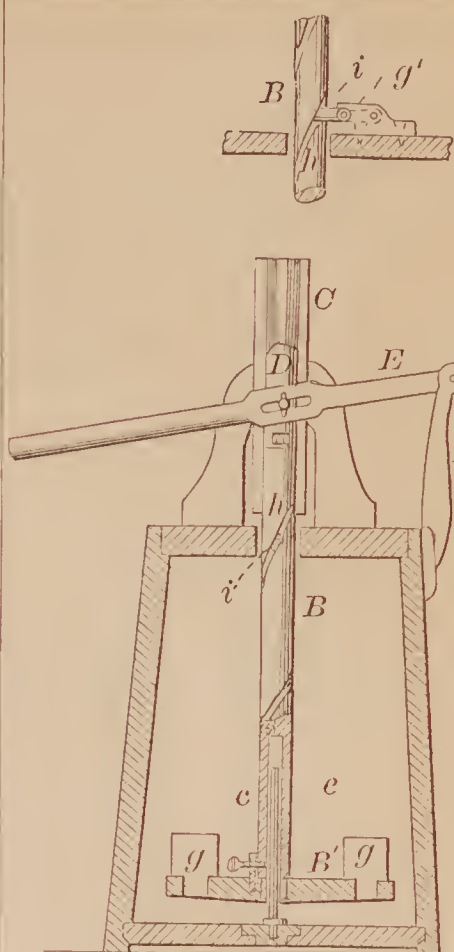


60932—S. J. Peet—*Steam Engine Valve.*

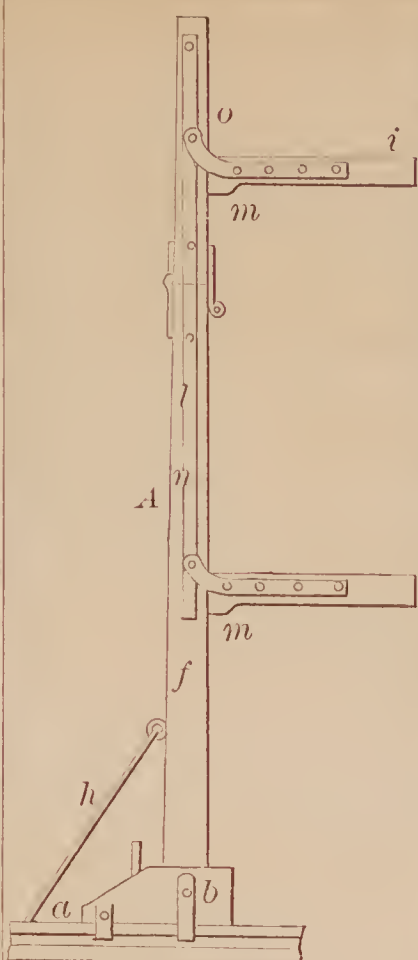


60934—C. F. Pike—*Refrigerator.*60935—J. C. Price—*Hoisting Tackle.*60938—F. F. Reynolds—*Plow.*60936—N. Puckett—*Self-Centering Tool.*60939—L. Richards—*Machine for Making Eyelets.*60937—C. H. Reichmann—*Lamp Chimney.*60943—H. Ruddick—*Steam Engine.*60941—C. A. Rose—*Hand Hoe.*60945—H. S. Shepardsen—*Carriage Jack.*

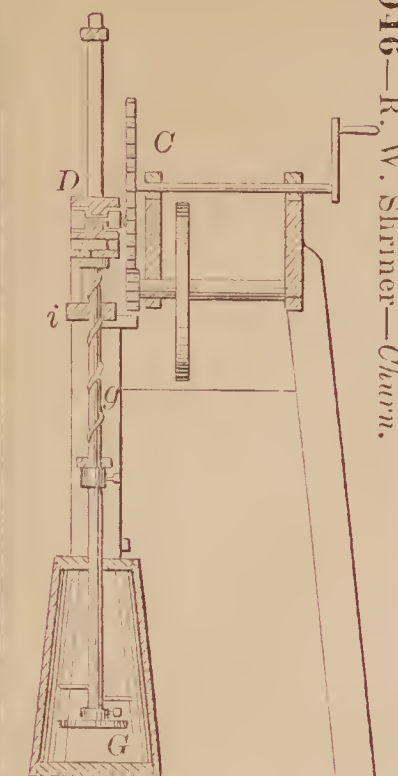
60952—Z. Sperry—*Churn.*



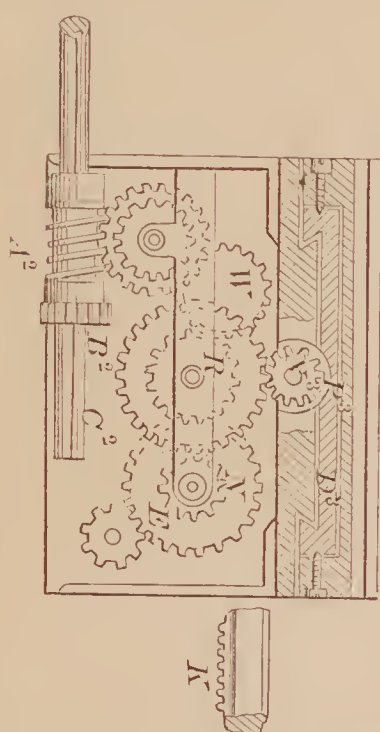
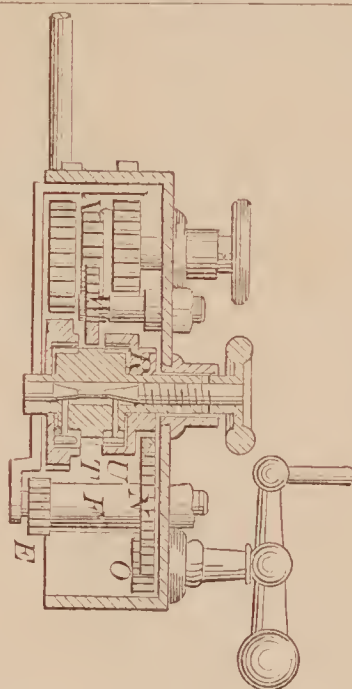
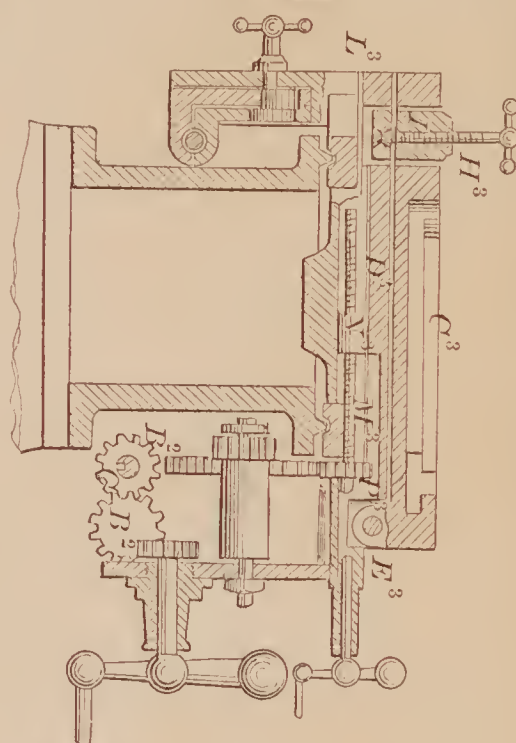
60947—J. E. Simpson—*Scuffolding for Dry Docks.*



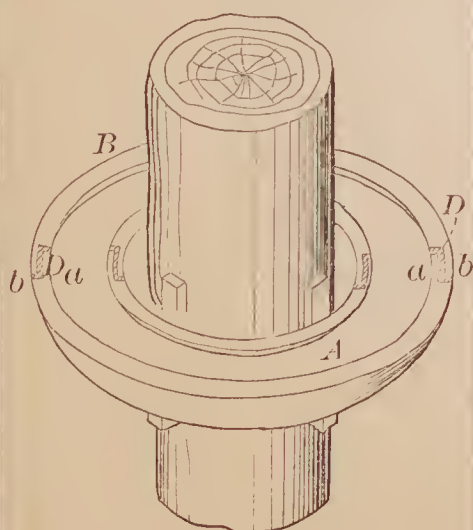
60946—R. W. Shriner—*Churn.*



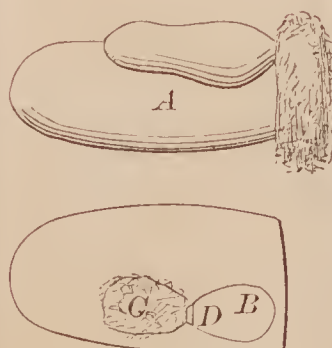
60950—H. K. Smith—*Lathe Rest.*



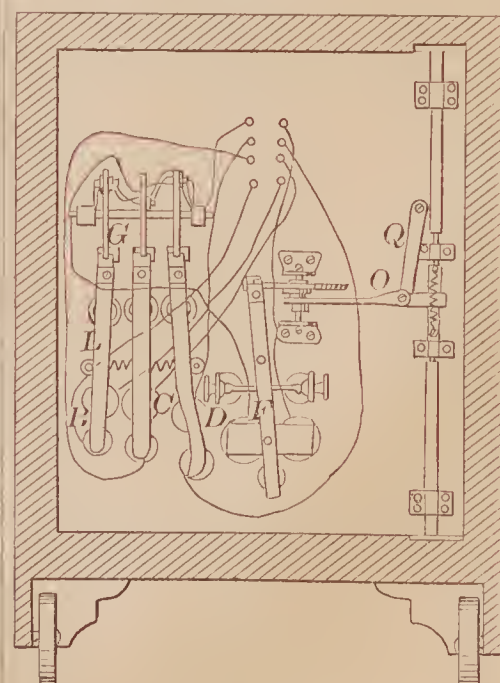
60951—J. Smith—*Curculio Trap.*



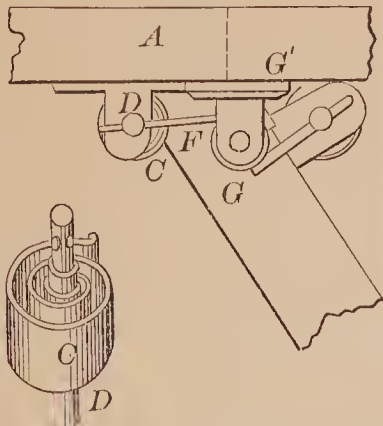
60949—A. P. Smith—*Mitten.*



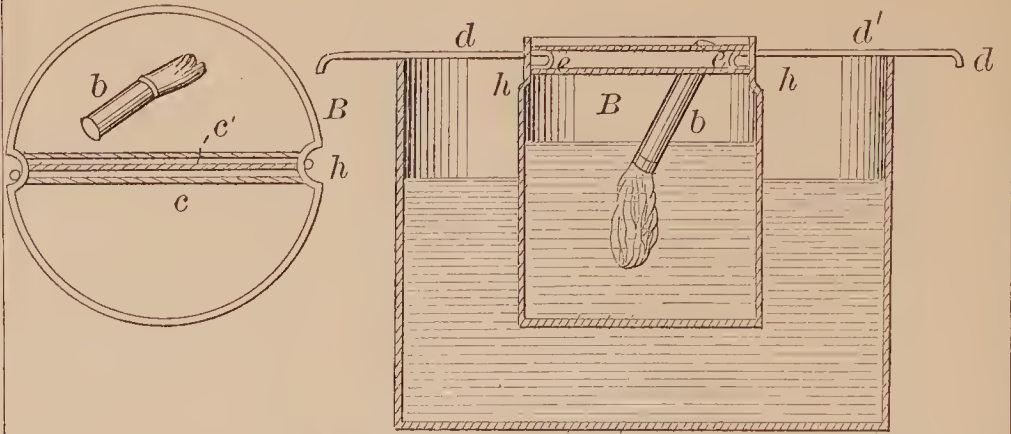
60953—L. C. Springer—*Magnetic Lock.*



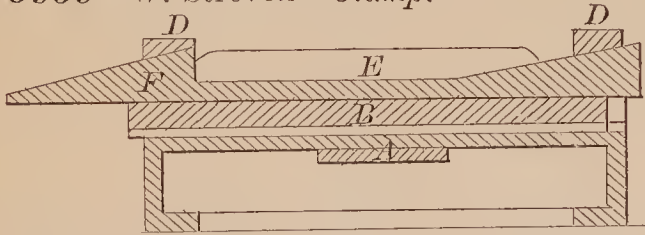
60954—J. Stephenson—*Door and Gate Spring.*



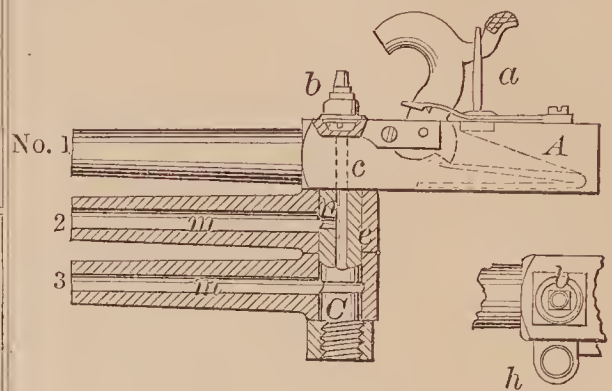
60958—H. C. Stewart—*Glue Pot.*



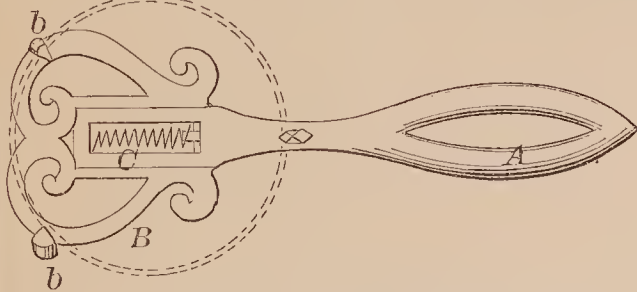
60959—W. Strevell—*Clamp.*



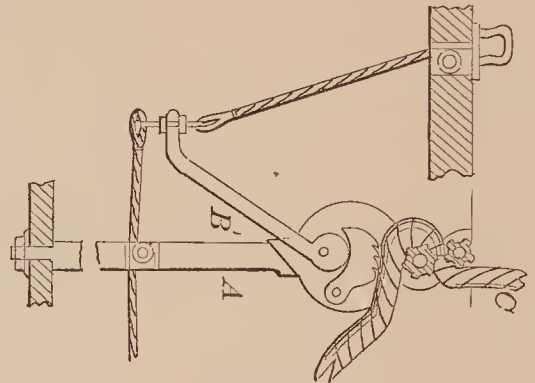
60960—P. Swisher—*Burglar Alarm Gun.*



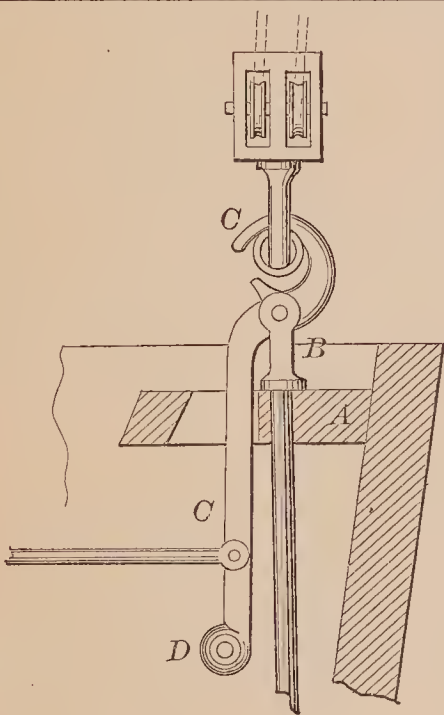
60962—G. W. Taylor—*Blacking Box Holder.*



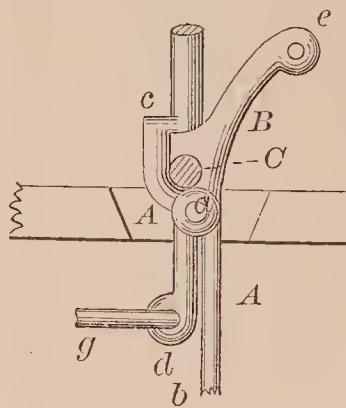
60963—J. R. Taylor—*Boat Detaching Tackle.*



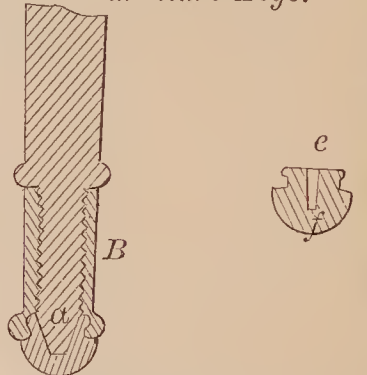
60964—J. R. Taylor—*Boat Detaching Tackle.*



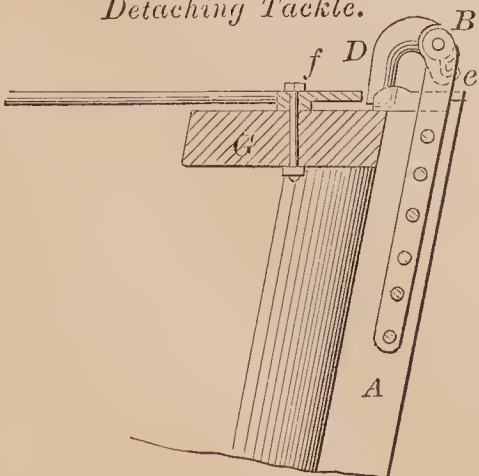
60965—J. R. Taylor—*Boat Detaching Tackle.*



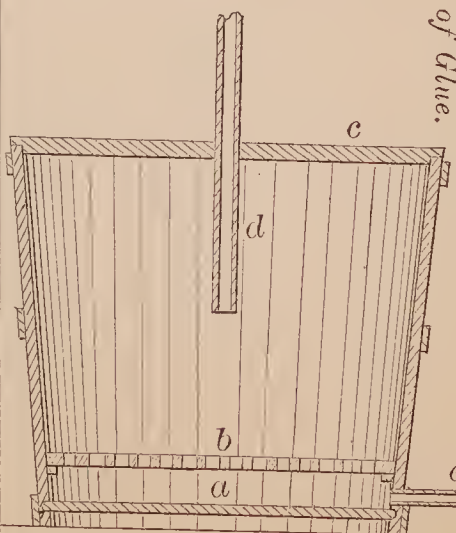
60967—E. S. Torrey—*For Attaching Tips to Furniture Legs.*



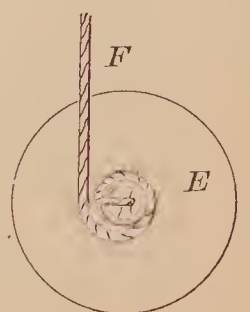
60966—J. R. Taylor—*Boat Detaching Tackle.*



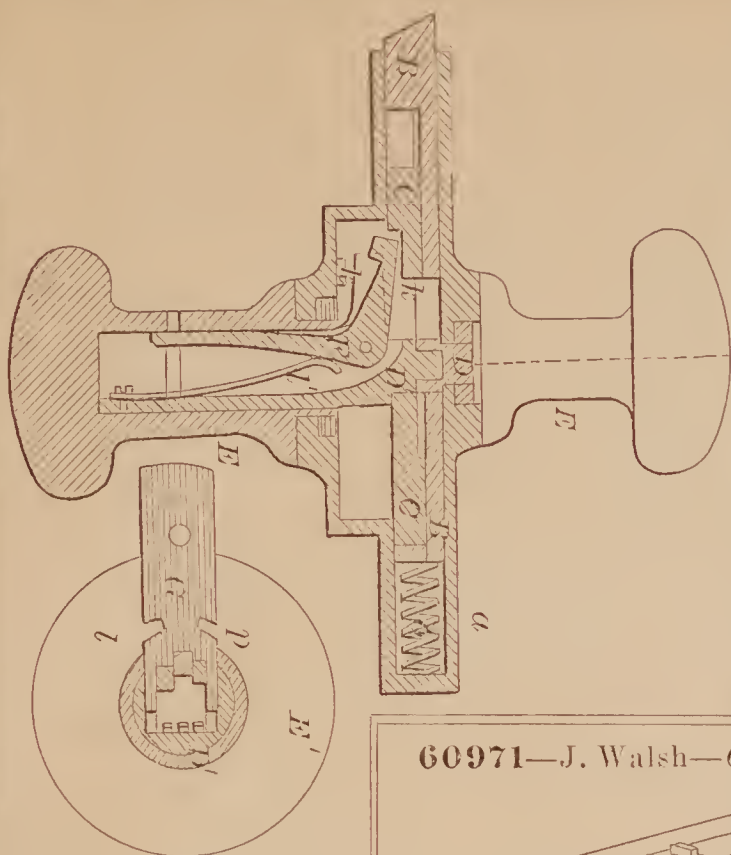
60968—G. Upton—*Manufacture of Glue.*



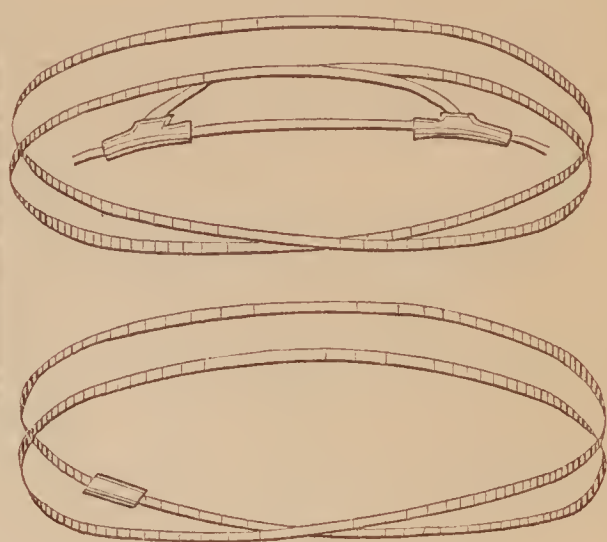
60961—J. Syreher—*Wheel Toy.*



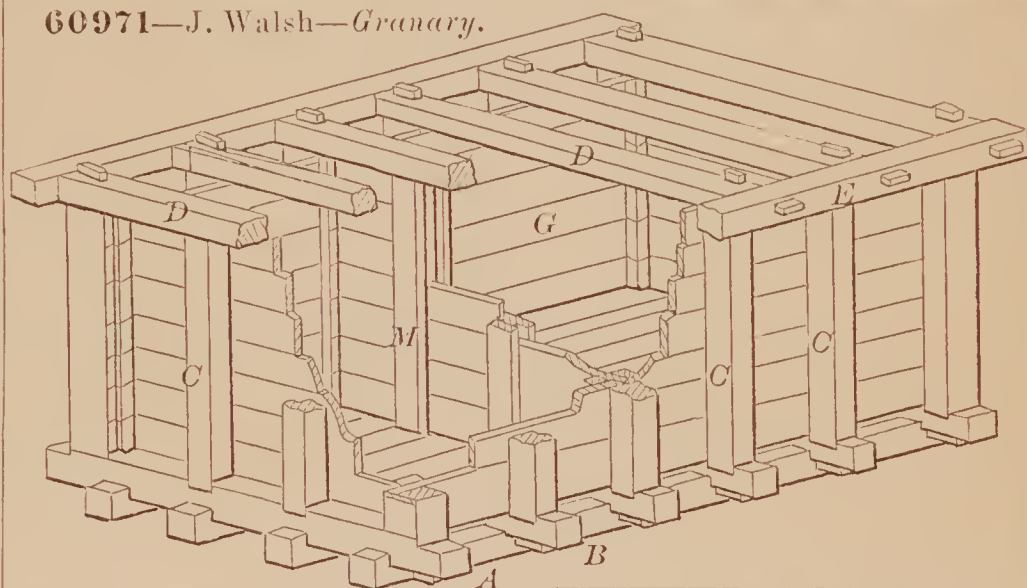
60974—H. B. Weaver—*Lock and Key*.



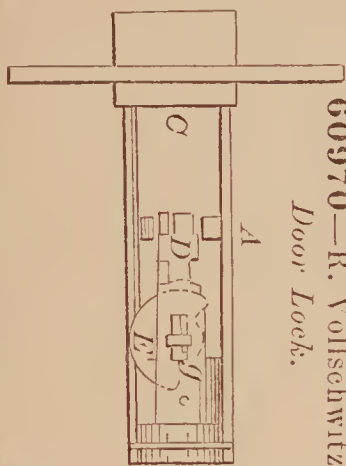
60969—H. Vincent—*Hoop Skirt.*



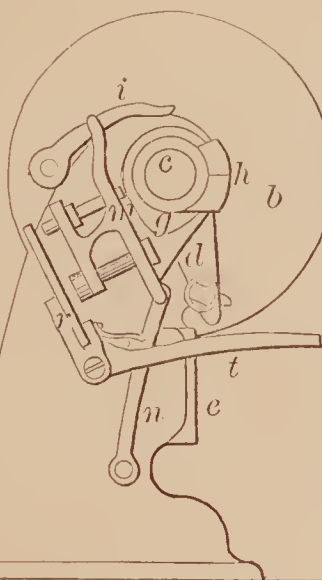
60971—J. Walsh—*Granary*.



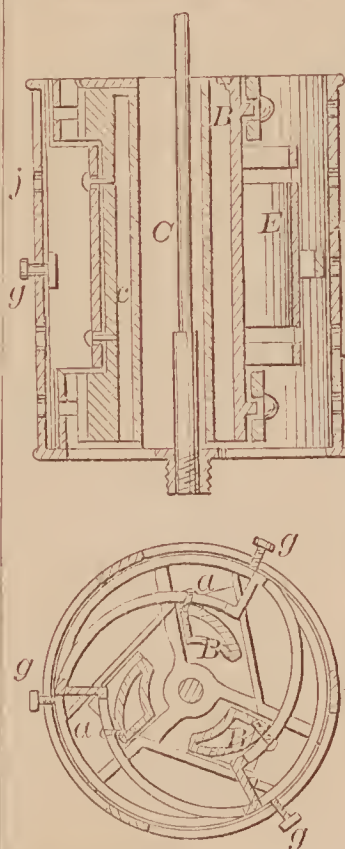
60970—R. Volschwitz—
Door Lock.



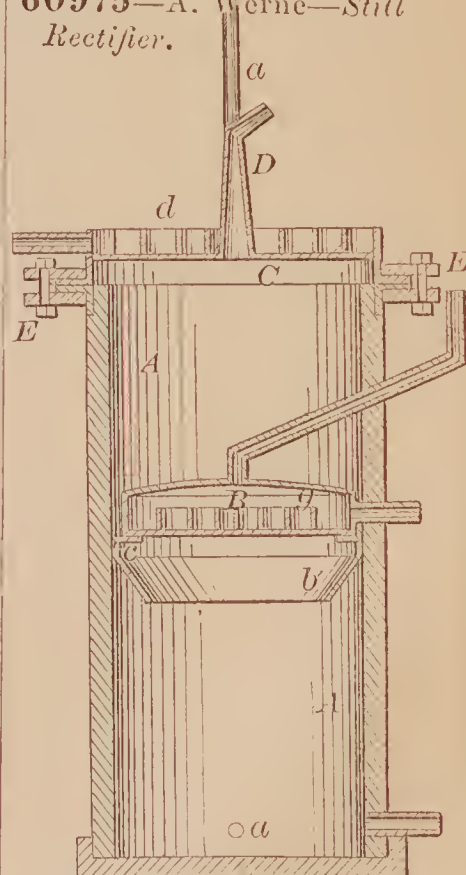
60973—H. Waters—Operating Dies.



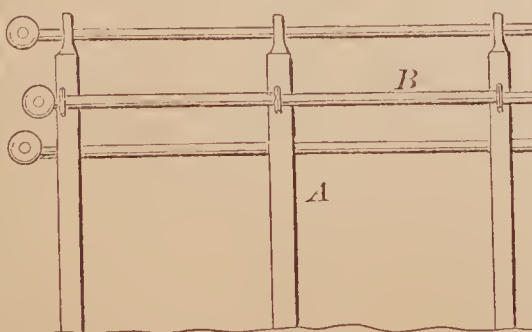
60972—J. Ward—Hollow Auger.



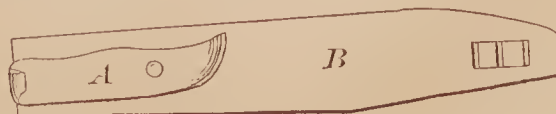
60975—A. Werné—*Still Rectifier.*

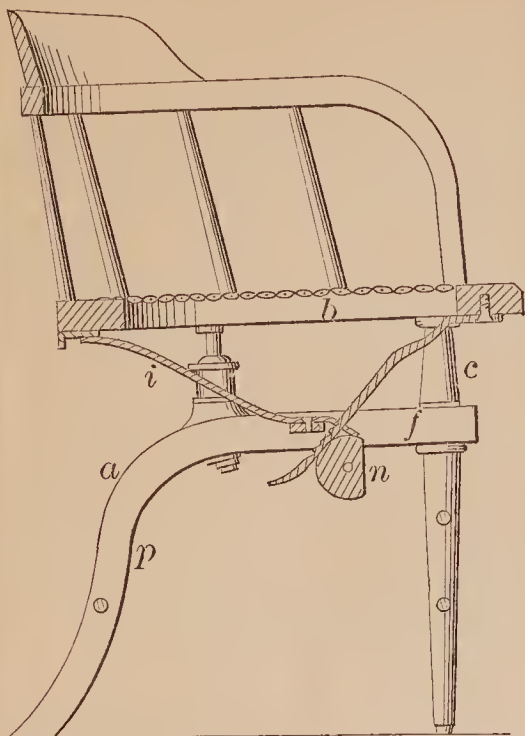
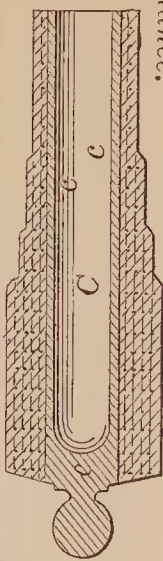
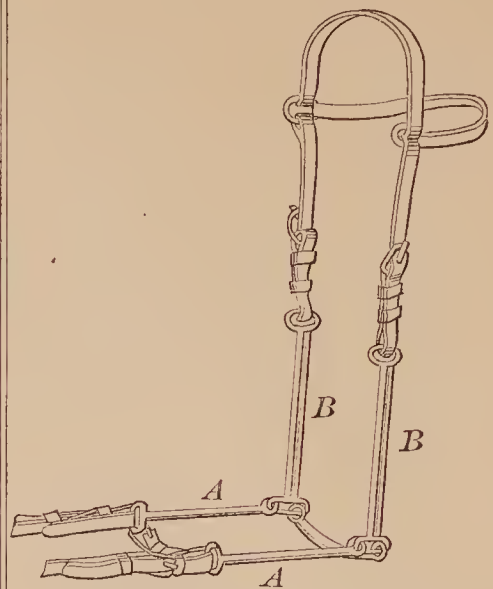
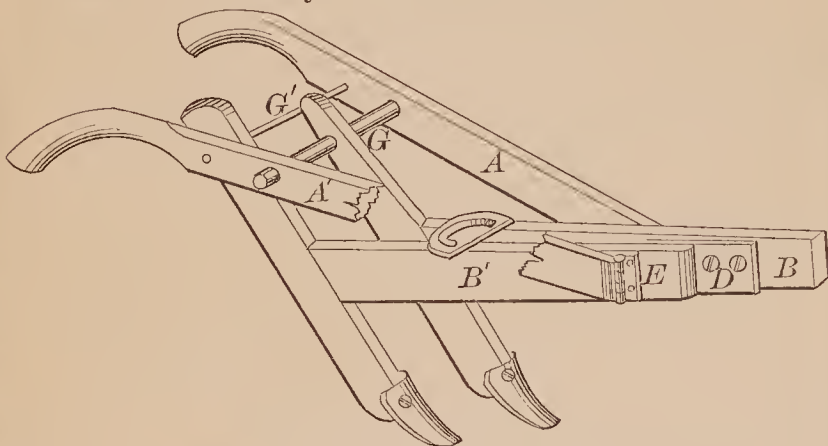
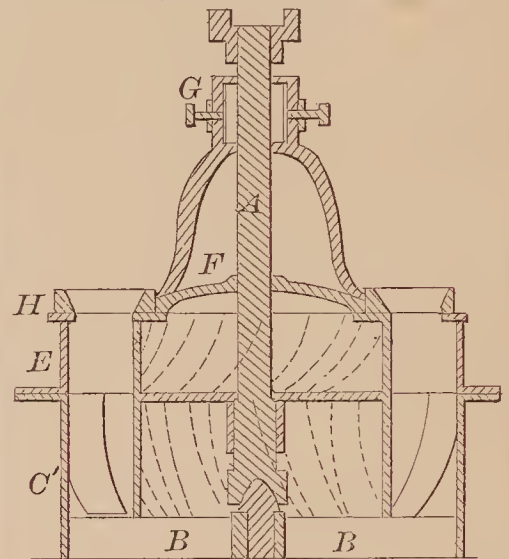
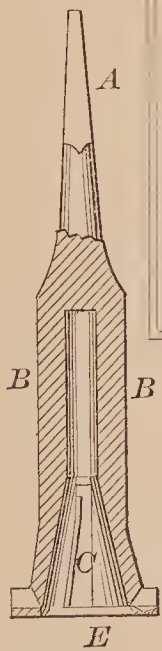
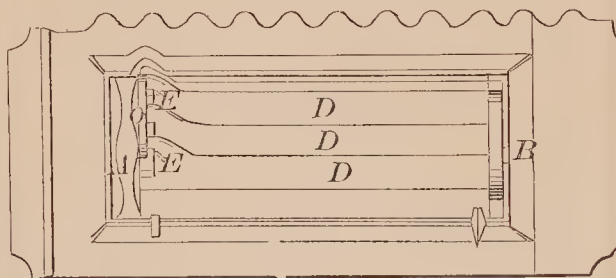
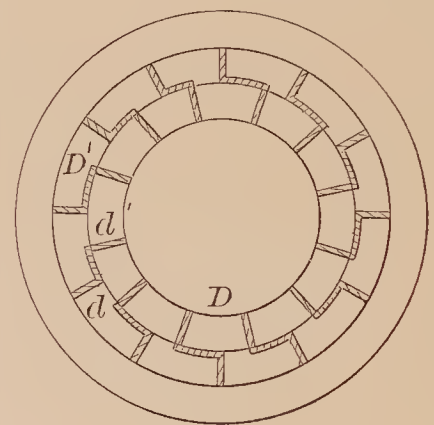
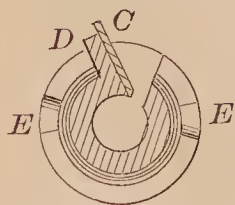
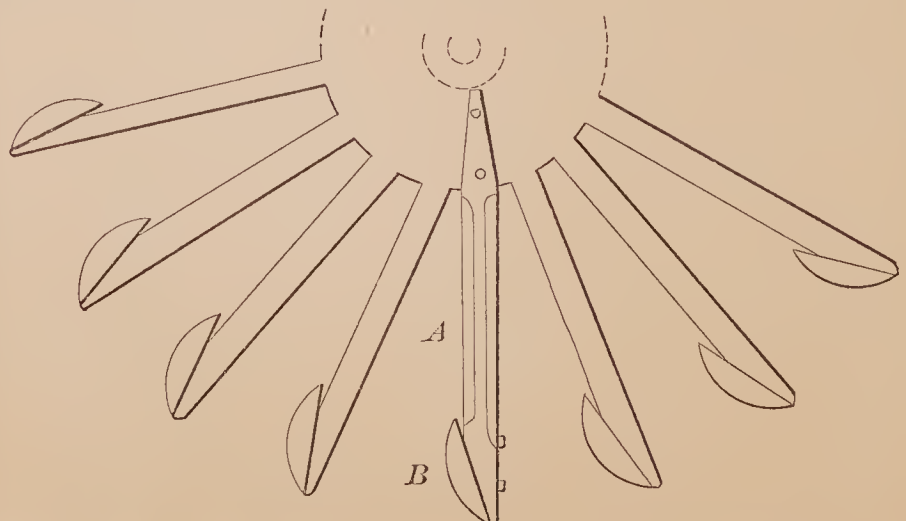
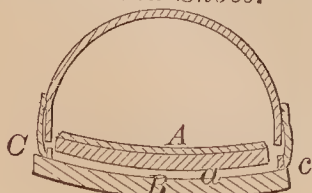


60976—Wightman & Williams—
Cultivating Hops.

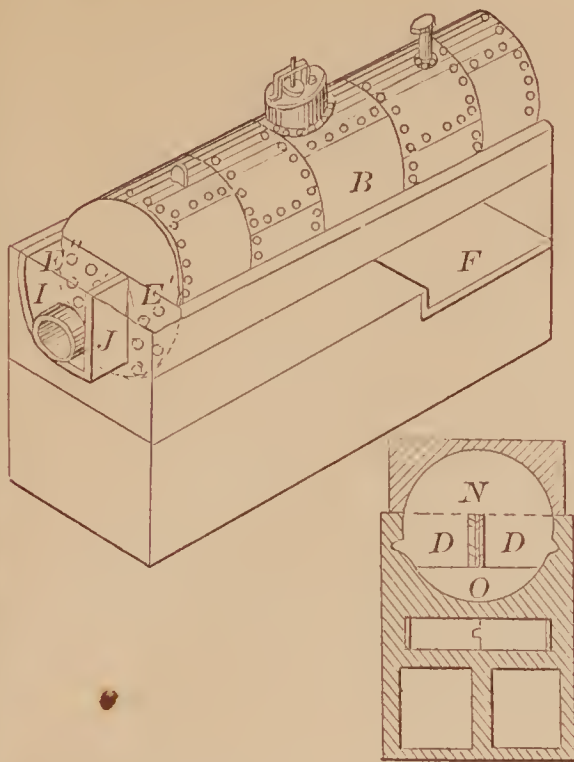


60977—J. F. Winchell—*Corn Husker*.

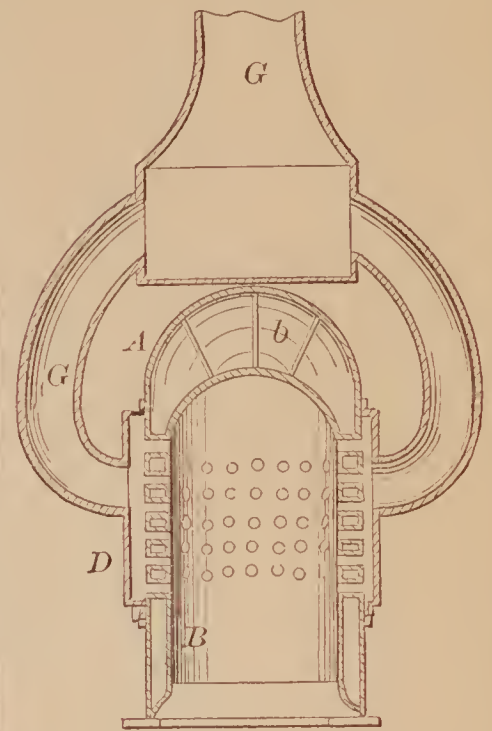


60978—G. C. Winchester—*Chair.*60979—W. E. Woodbridge—*Construction of Ordnance.*60980—L. D. Woodmansee—*Bridle Bit.*60982—S. A. Wray—*Cultivator Plow.*60983—Wrealsh & Burns—*Water Wheel.*60981—C. J. Woolson—*Grate.*60985—E. Young—*Hollow Auger.*60988—E. Banks—*Paddle Wheel.*60987—D. M. Ayer—*Boots and Shoes.*

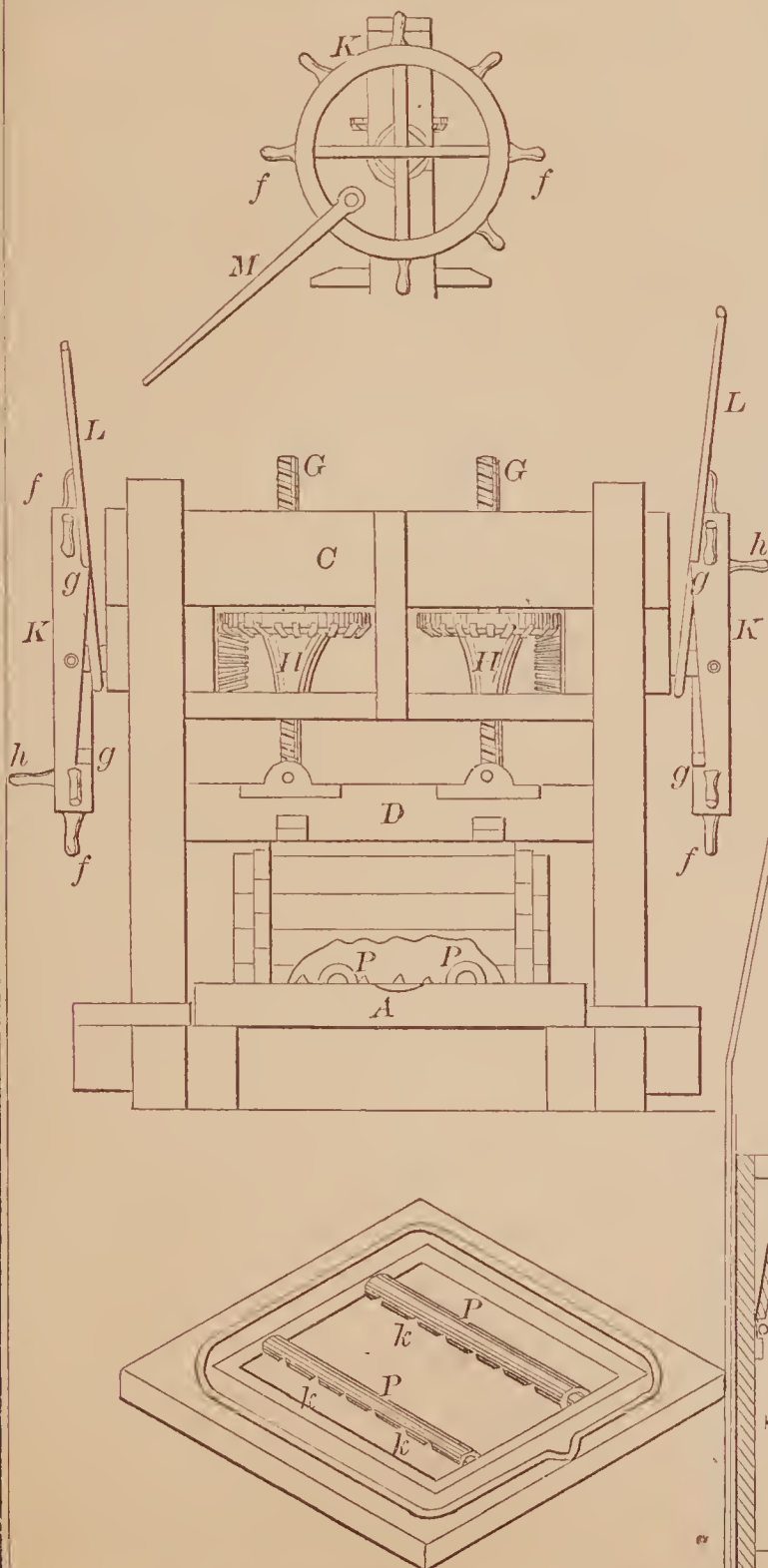
60990—J. Best—*Steam Boiler Furnace.*



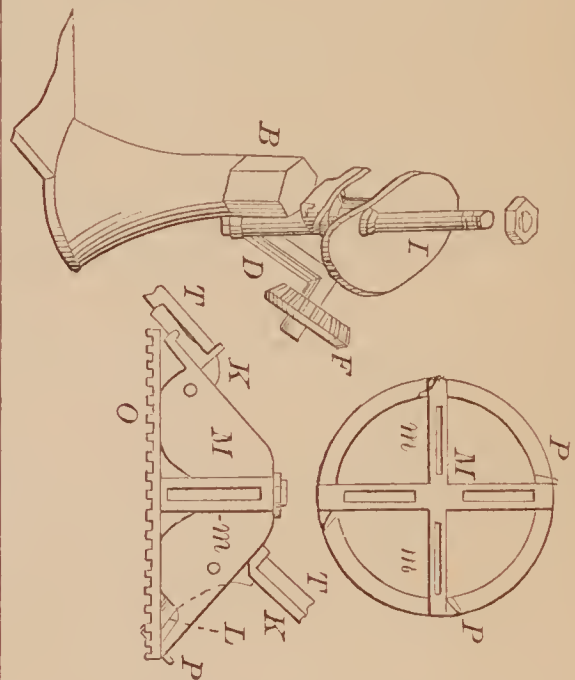
60991—W. Branagan—*Steam Generator.*



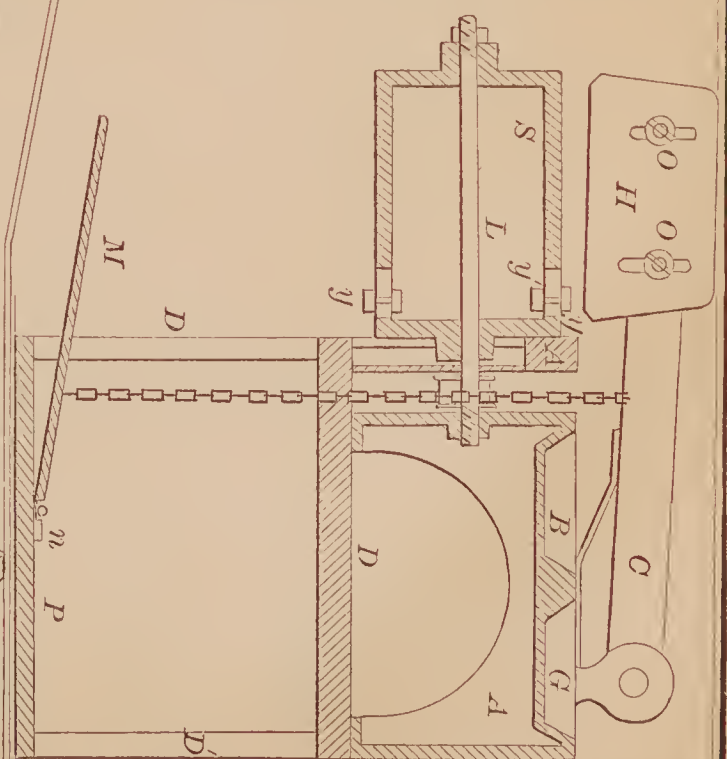
60992—E. W. Branch—*Cider Mill.*

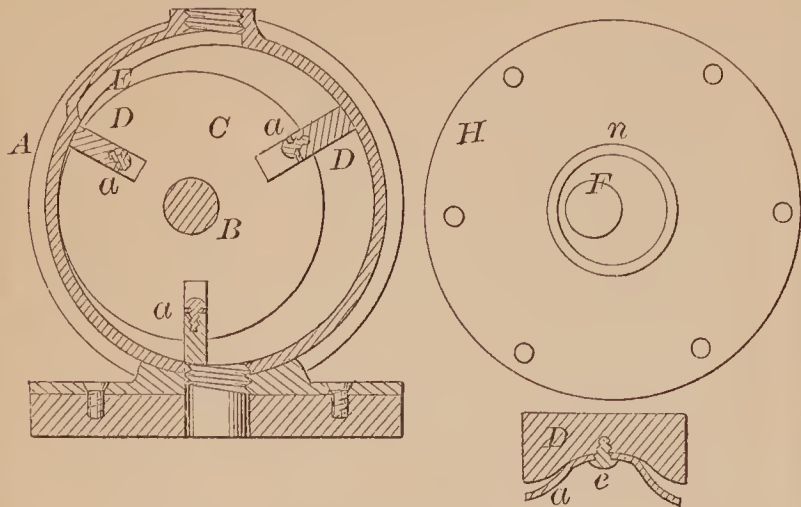
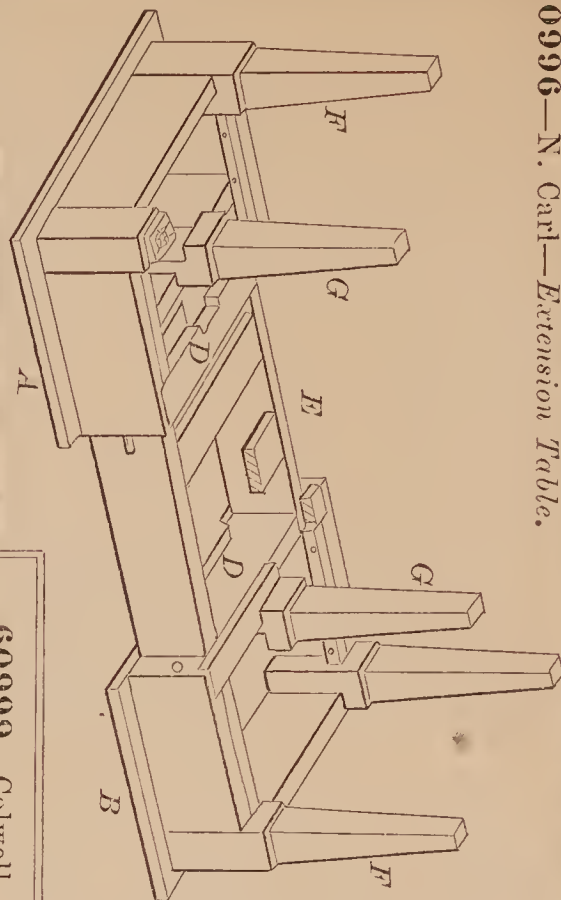
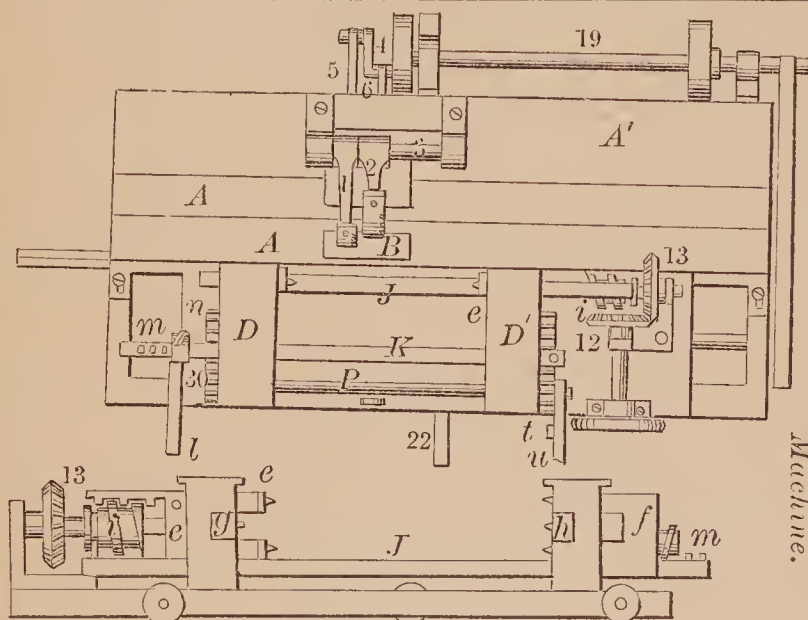
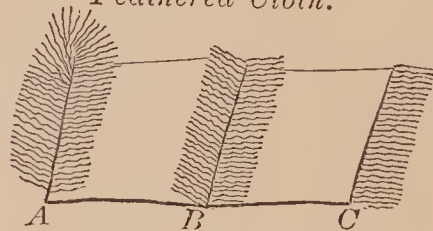
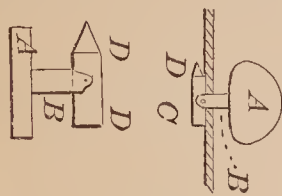
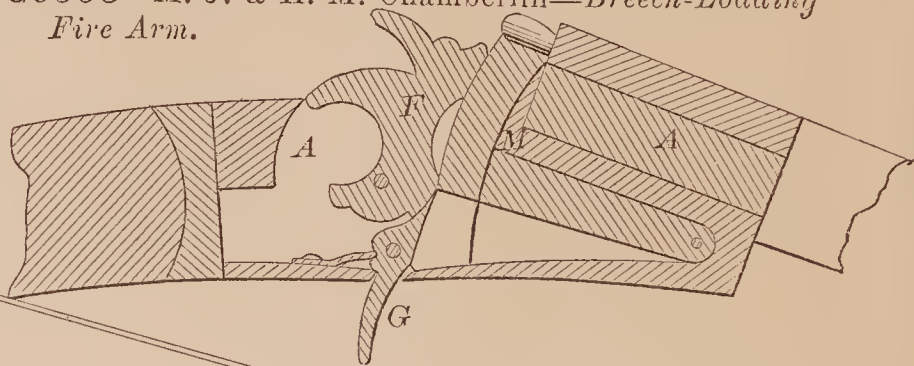
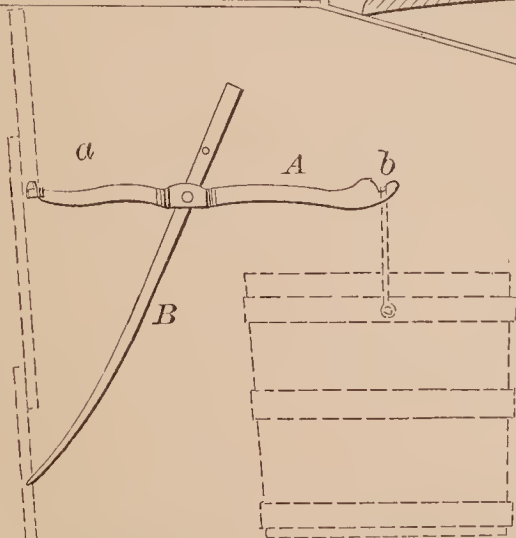
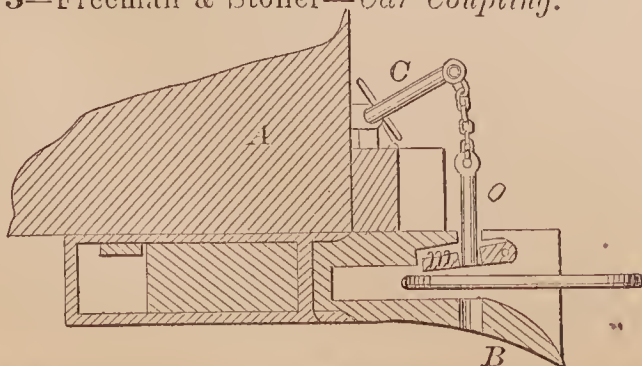
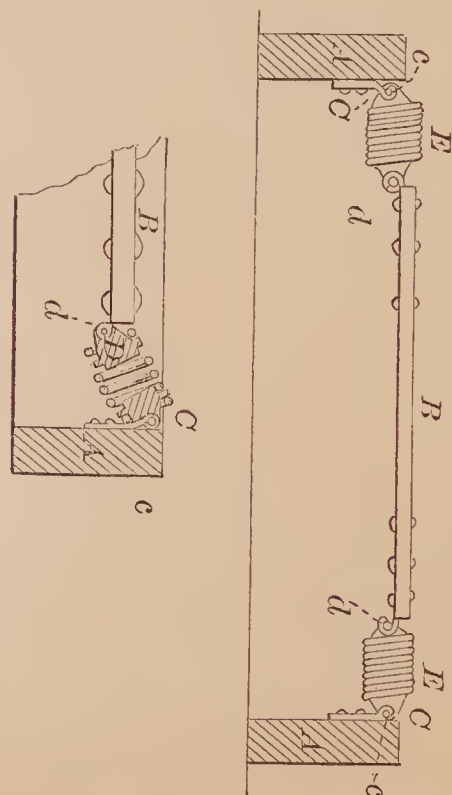


60993—F. Brua—*Harvester Reel.*

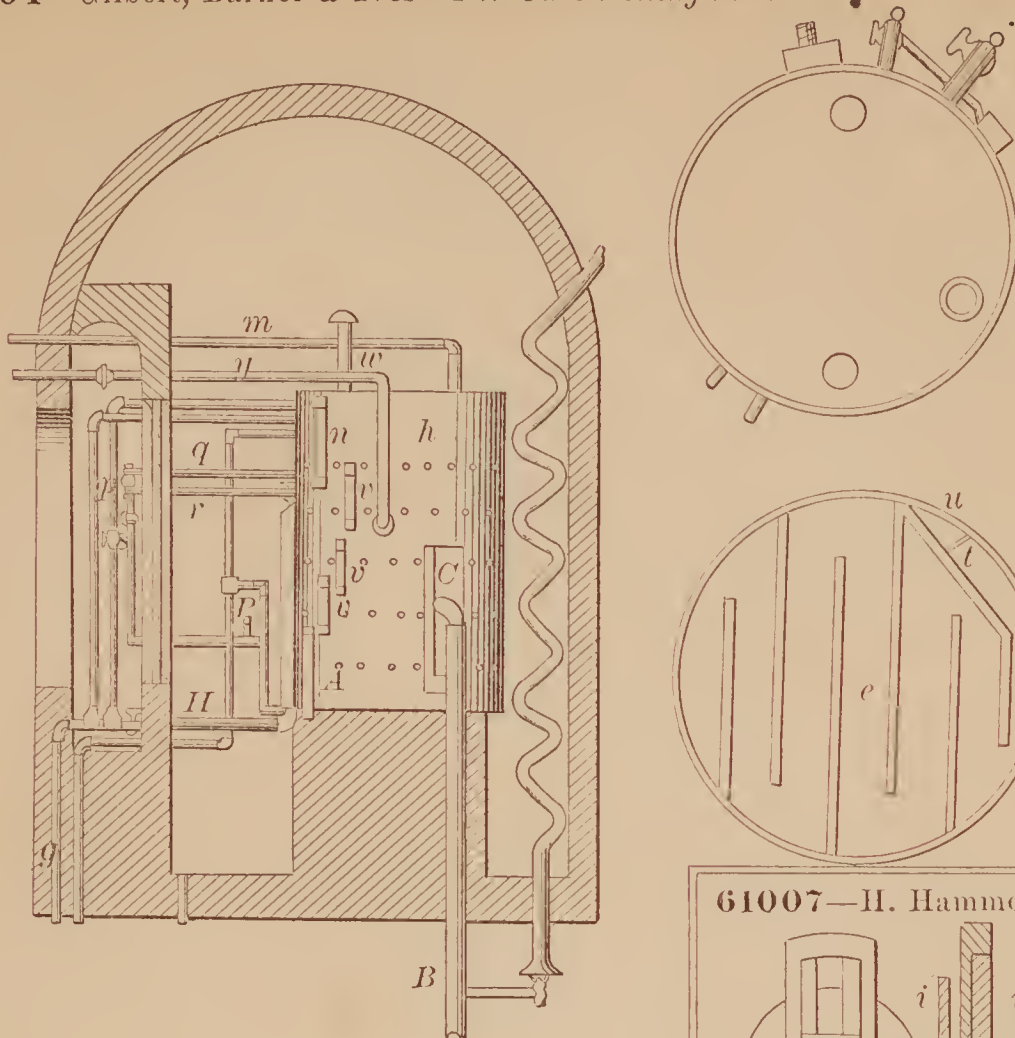


60994—W. S. Buck—*For Making Tin Cans.*

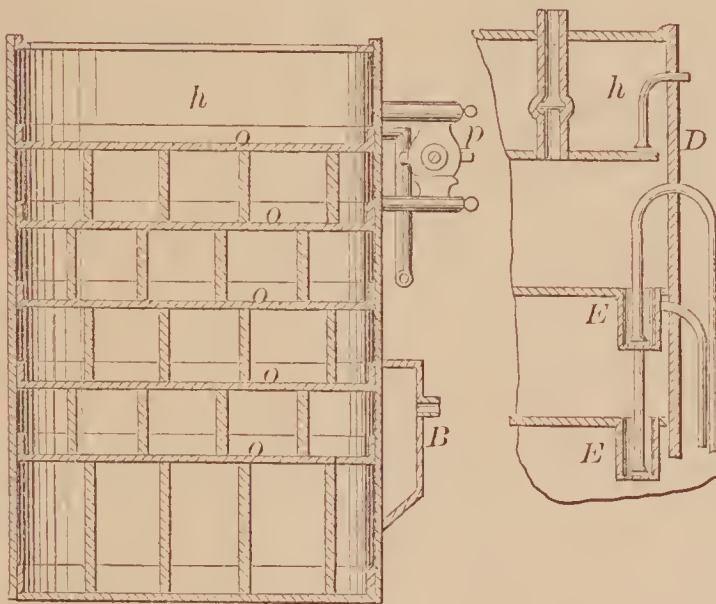
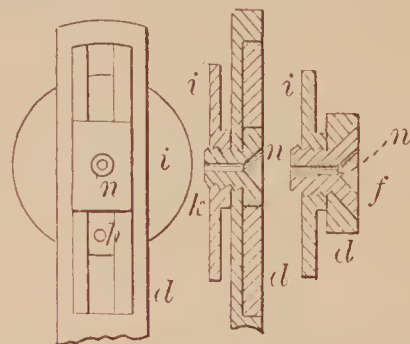


60995—W. Butterfield—*Rotary Pump.*60996—N. Carl—*Extension Table.*60999—Colwell & Yeazie—*Stave Machine.*61000—A. A. Condit—*Feathered Cloth.*60997—H. Carlos—*Button.*60998—M. J. & H. M. Chamberlin—*Breech-Loading Fire Arm.*61002—J. H. Flagg—*For Hanging Paint Pots, &c.*61003—Freeman & Stoner—*Car Coupling.*61001—E. S. Cross—*Bed Bottom and Seat.*

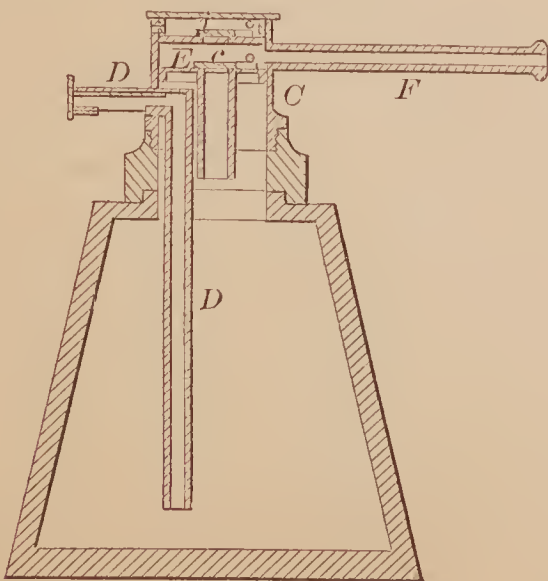
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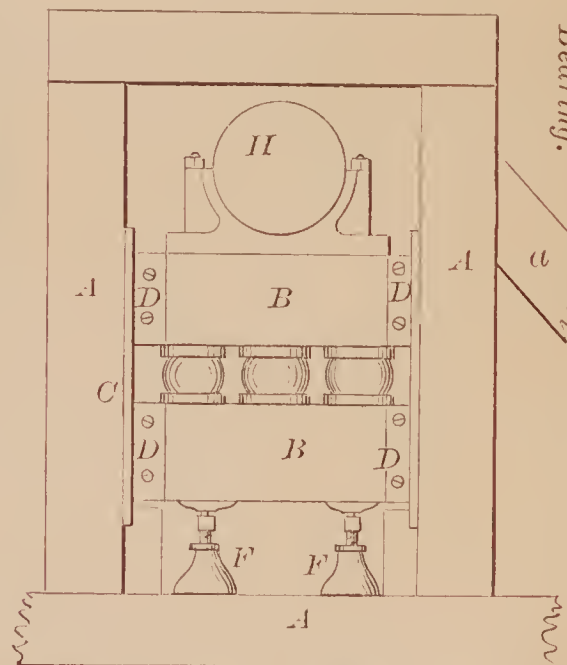
61007—H. Hammond—Fire Arm Sight.



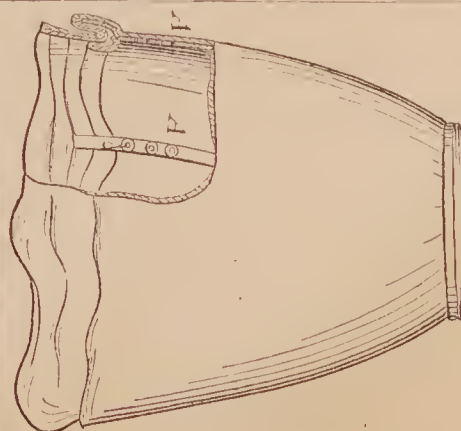
61008—I. Holmes—Inhaler.

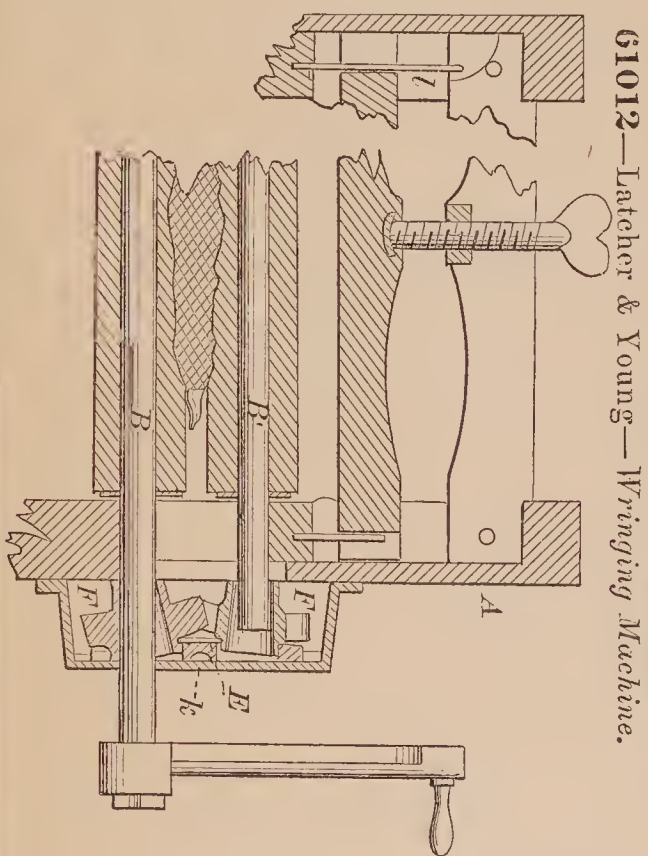
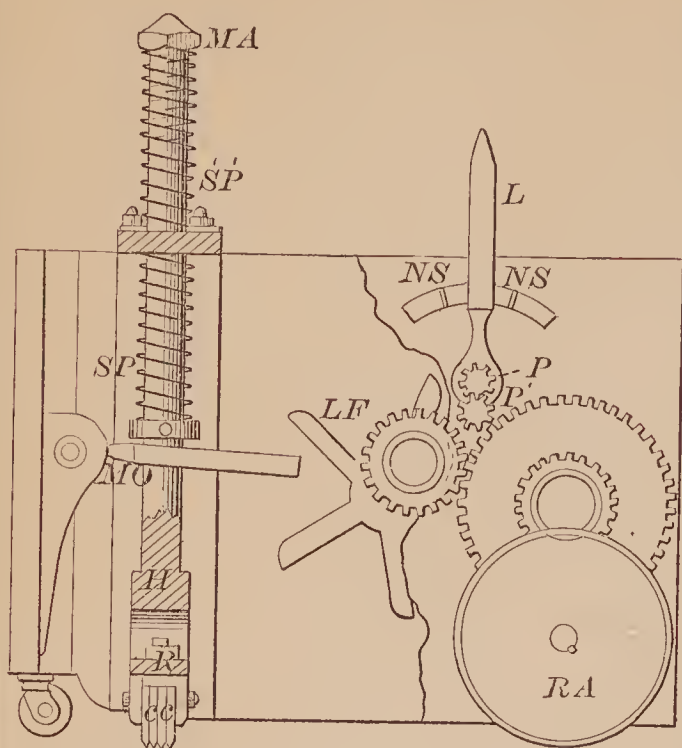
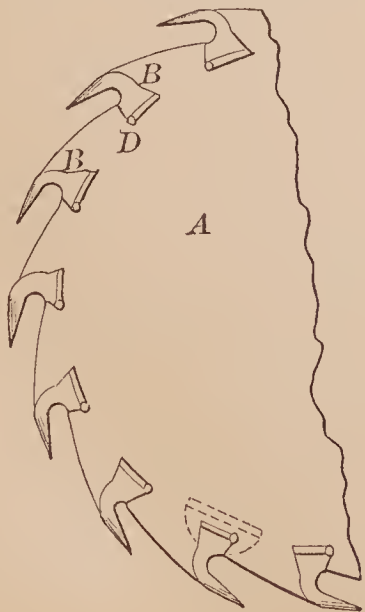
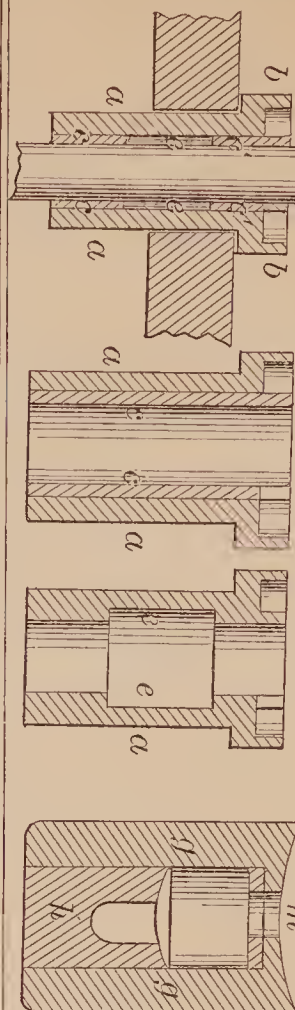
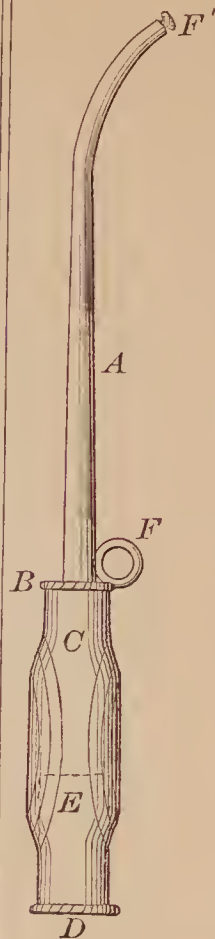
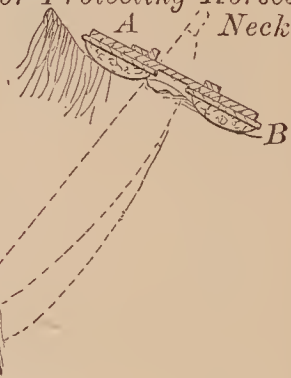
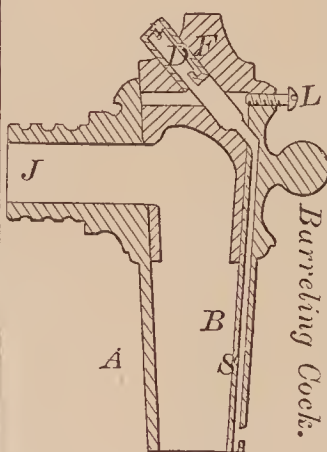
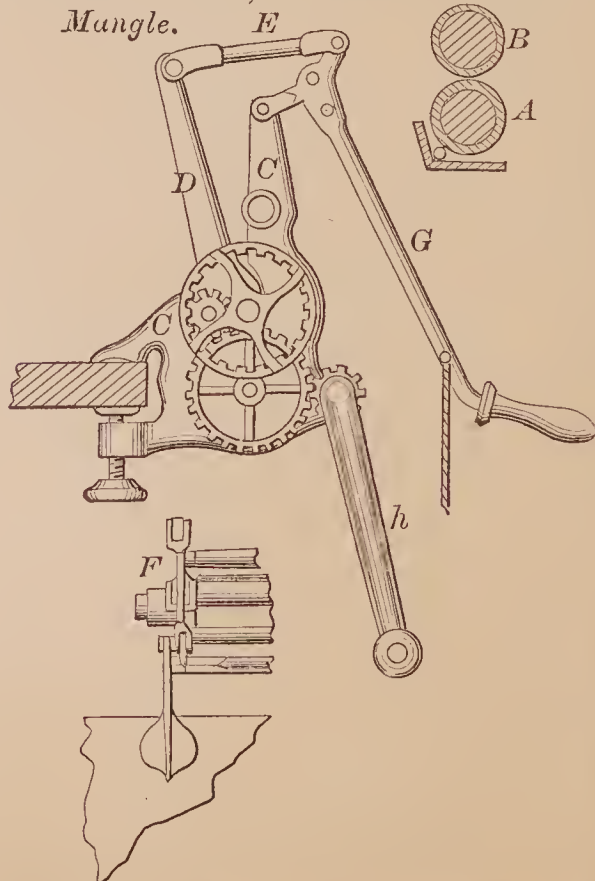


61005—G. K. Gluyas—Steamship Shaft Bearing.

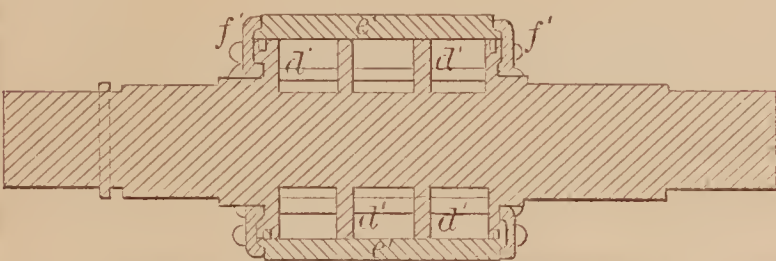
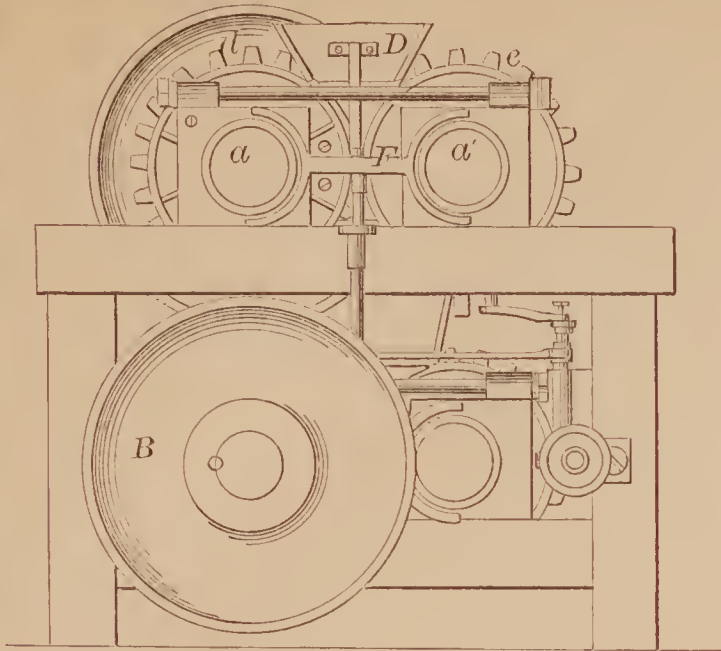


61011—J. L. Kendall—Skirt Supporter.

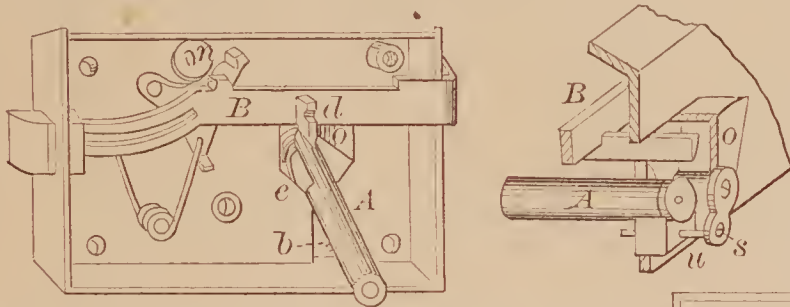


61009—B. S. Hunt—*Stone Dresser.*61014—Martin & Woodrough—*Saw.*61010—B. H. Jenks—*Spinning Frame.*61013—W. L. Ludlow—*Match Safe and Lamp.*61016—J. P. Meyer—*For Protecting Horses' Necks.*61015—A. J. & T. McKenna—*Barreling Cock.*61018—S. W., J. F. & N. Palmer—*Mangle.*

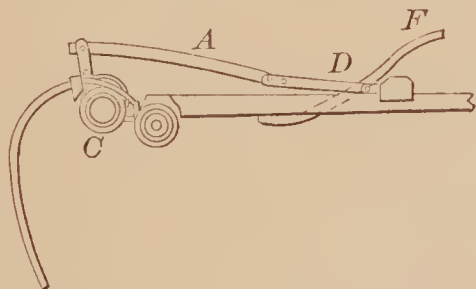
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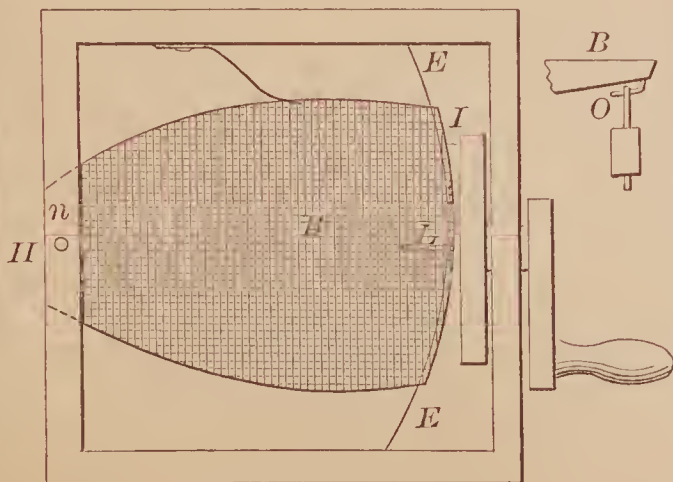
61025—A. M. Smith—Spring Lock.



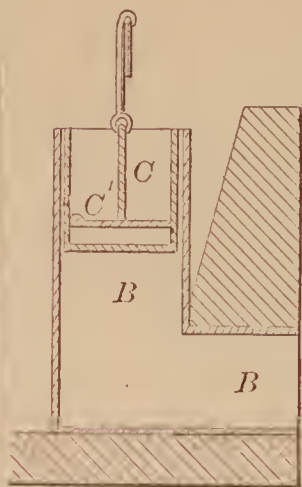
61023—A. V. Ryder—Horse Rake.



61026—H. C. Smith—Flour Sifter.



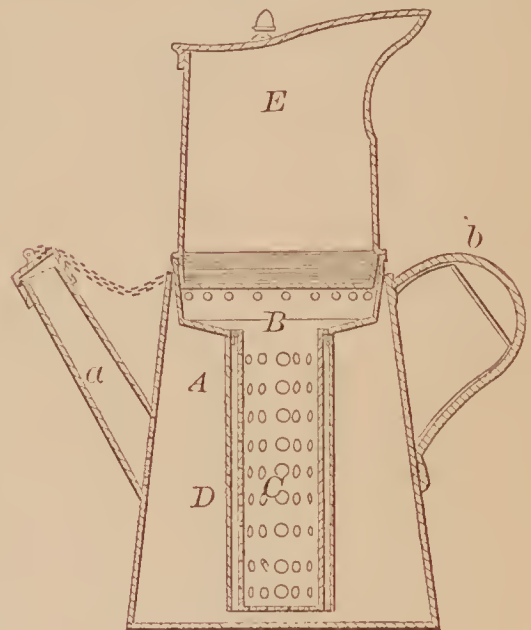
61020—C. M. Raynole—Propeller.



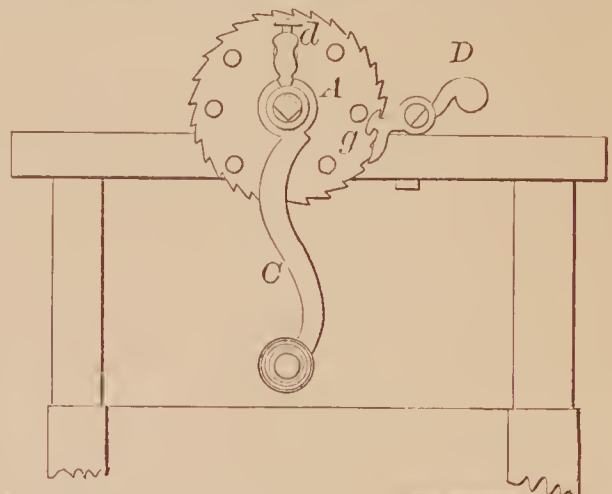
61021—D. T. Robinson—Horse Railway Car.



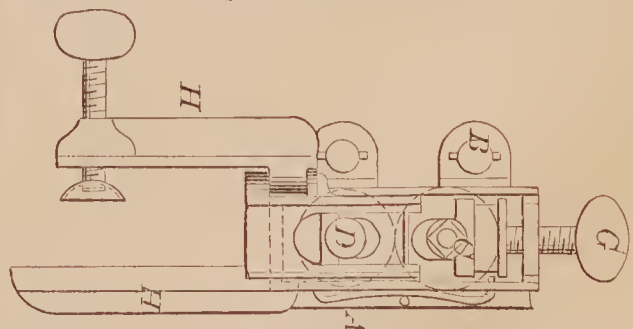
61022—D. T. Robinson—Coffee Pot.



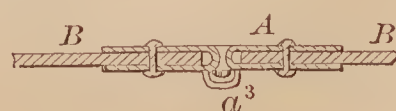
61024—Scholze & Bickel—Water Elevator.



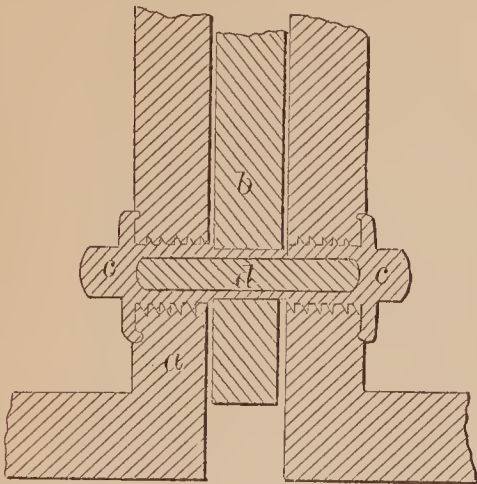
61027—S. Squires—Wringing Machine.



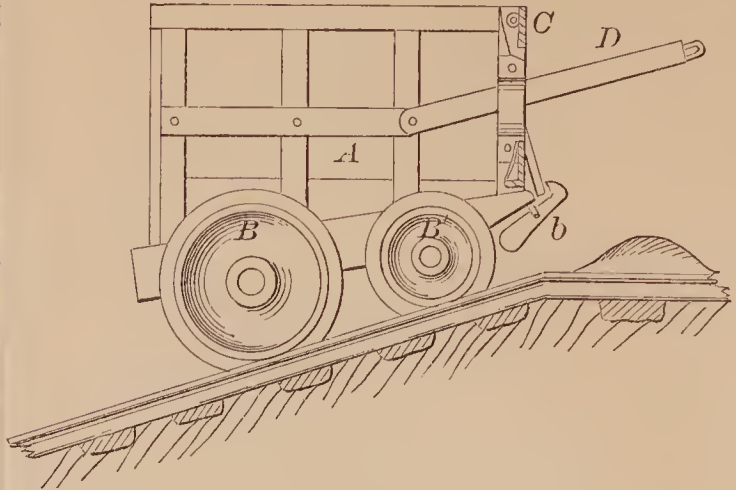
61028—R. N. Stewart—Paper Box.



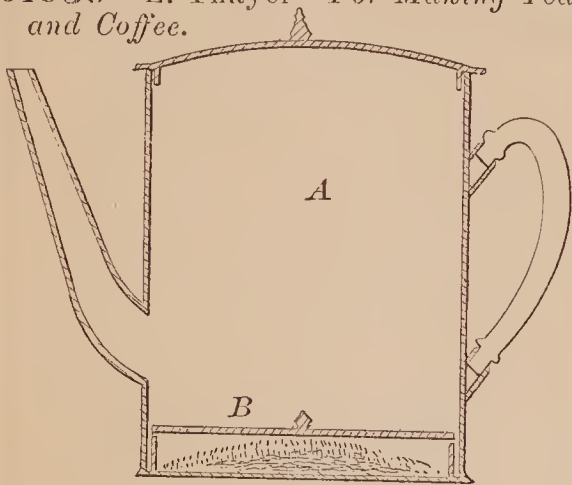
61029—G. & G. W. Storer—*Centre Board of Vessels.*



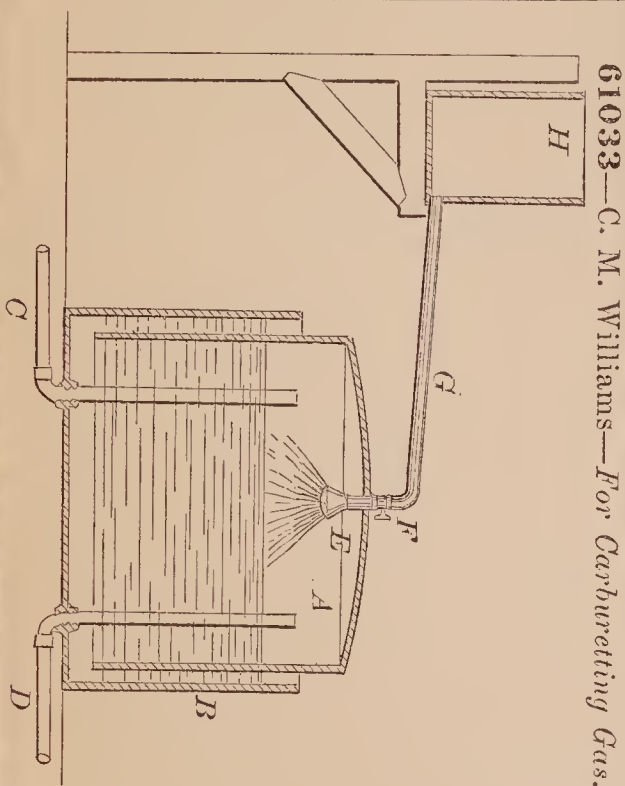
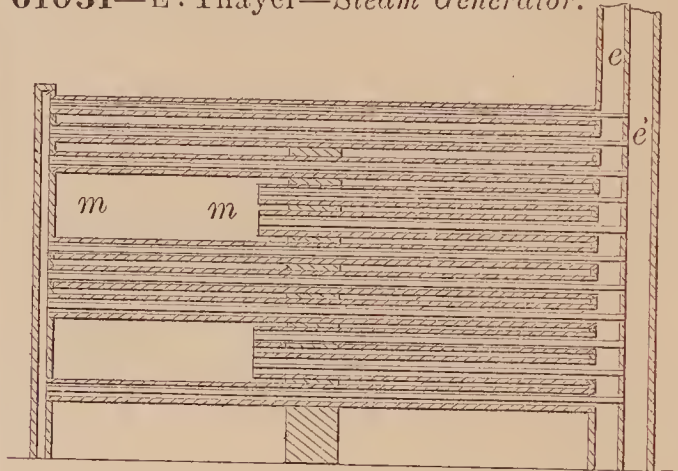
61038—J. W. Bancroft—*Dumping Car.*



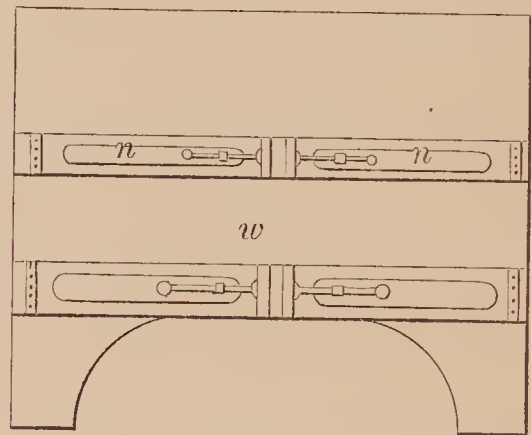
61030—E. Thayer—*For Making Tea and Coffee.*



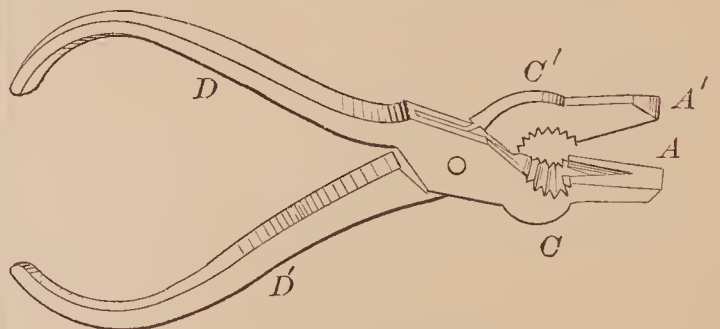
61031—E. Thayer—*Steam Generator.*



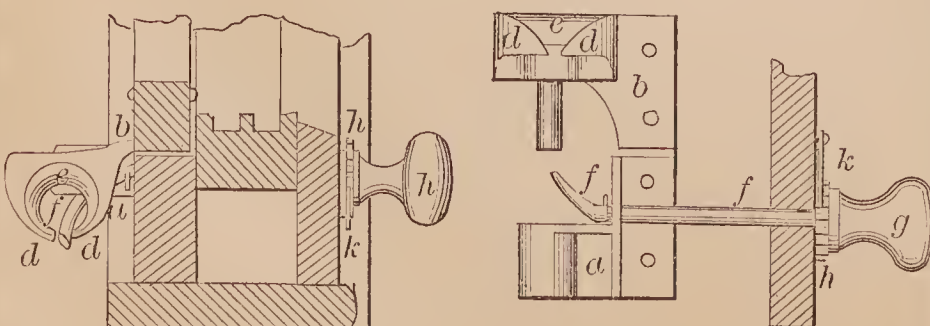
61033—C. M. Williams—*For Carbureting Gas.*



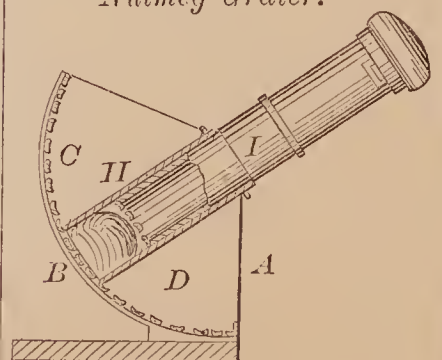
61032—S. Walker—*Pliers.*



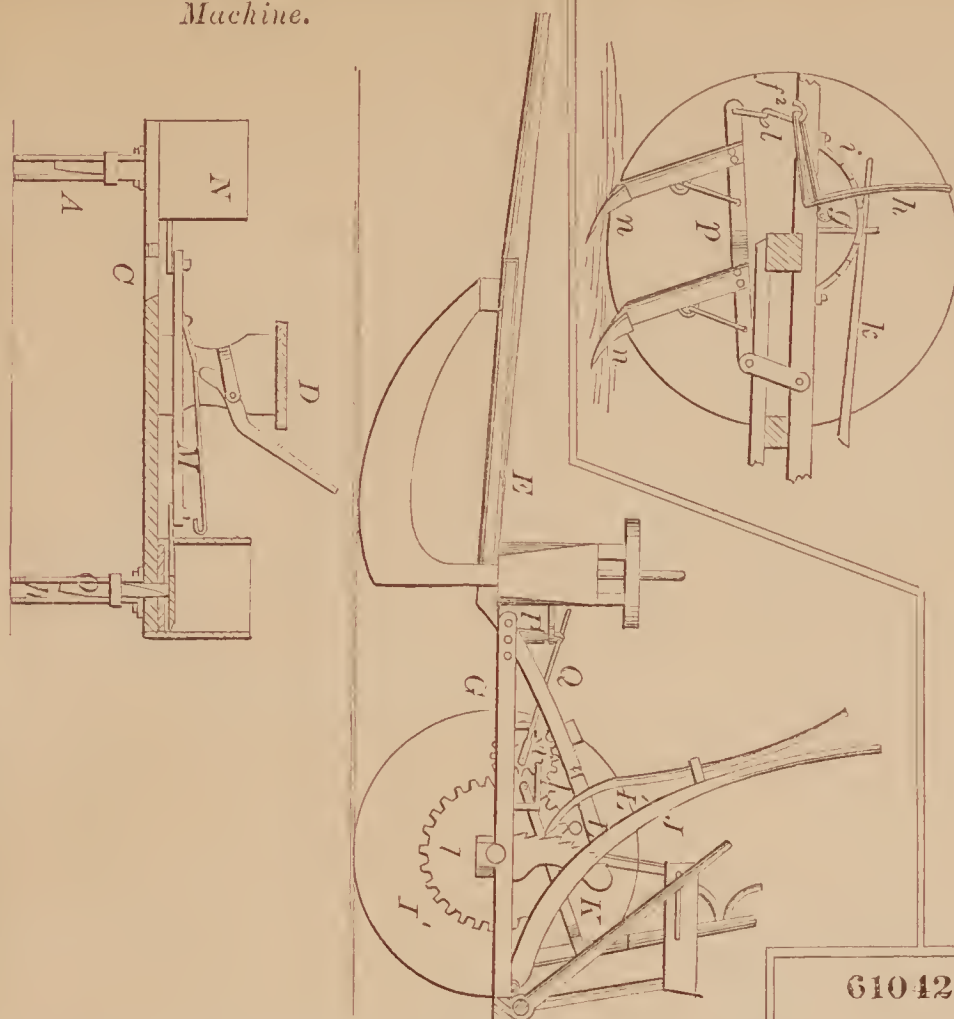
61035—Adler & Knell—*Sash and Blind Fastener.*



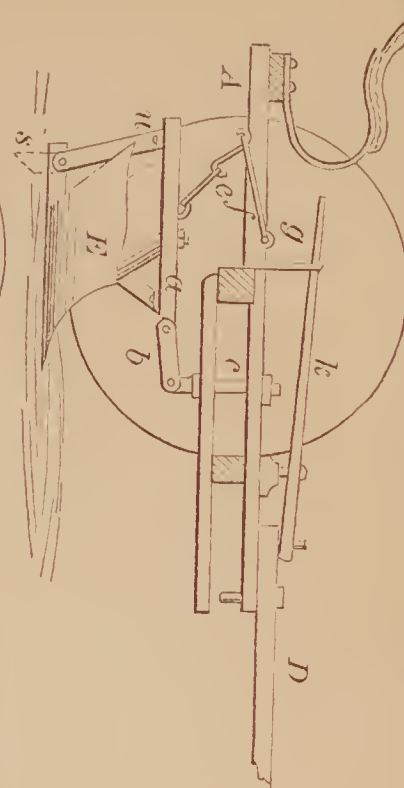
61037—L. V. Badger—*Nutmeg Grater.*



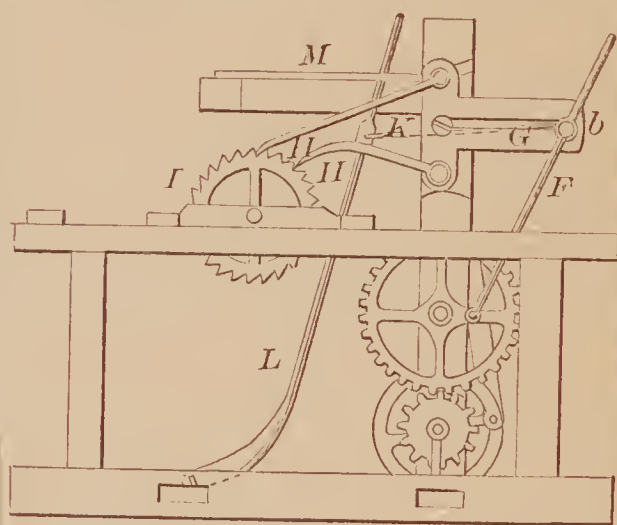
61041—H. Barsalow—*Seeding Machine.*



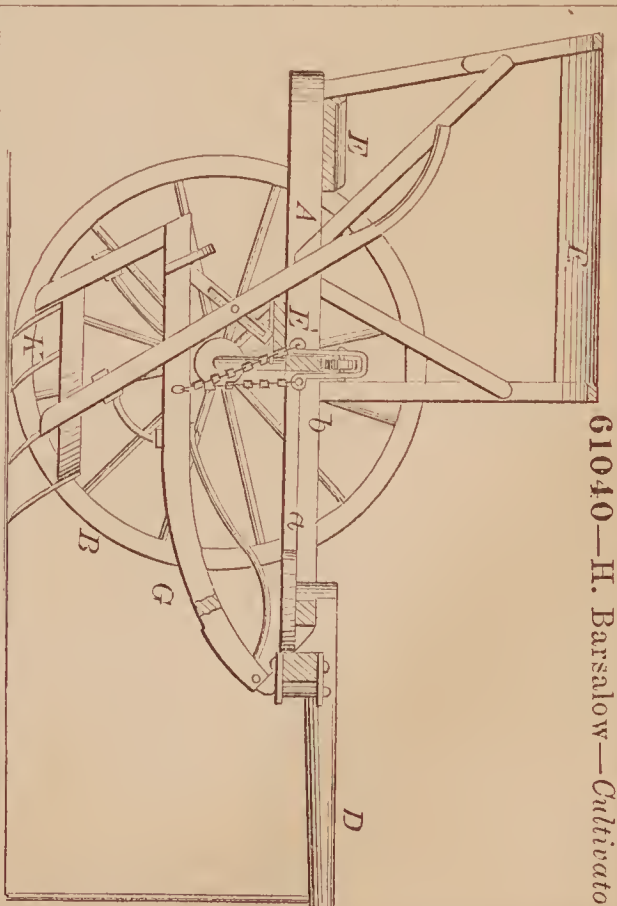
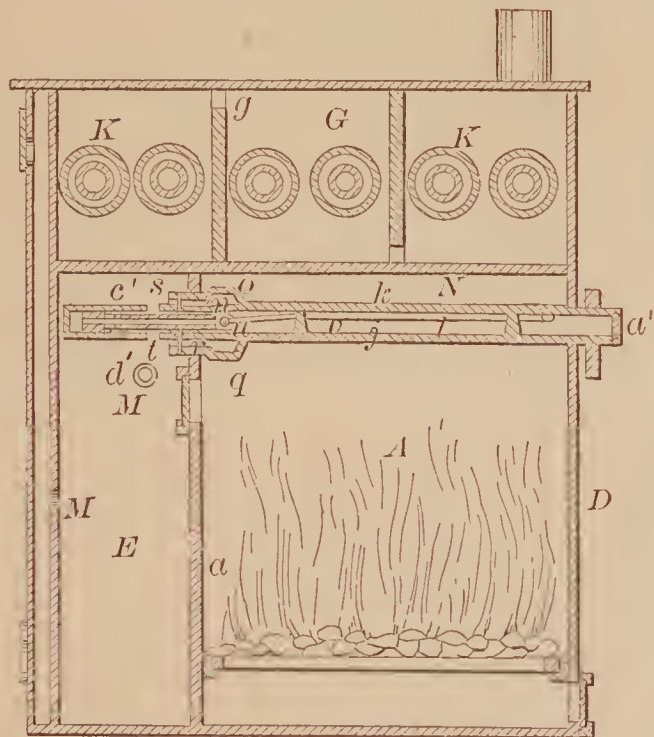
61039—J. H. Barringer—*Cultivator and Subsoil Plow.*



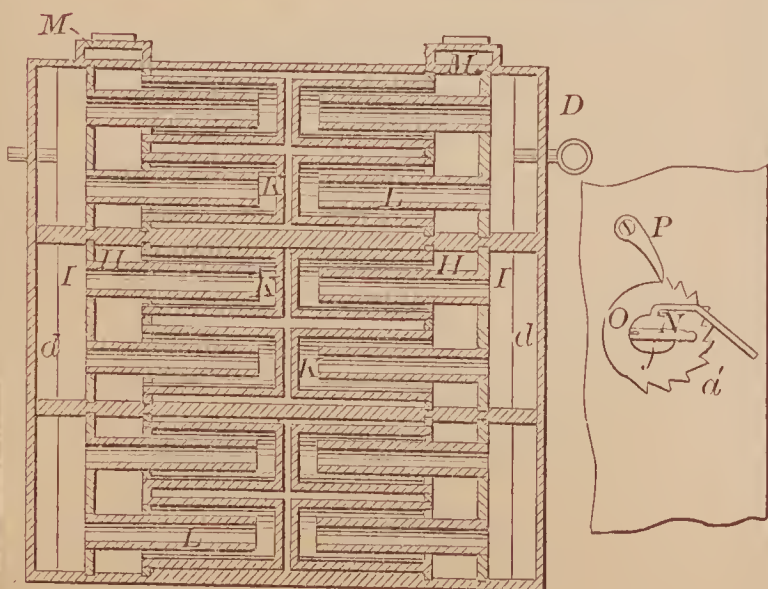
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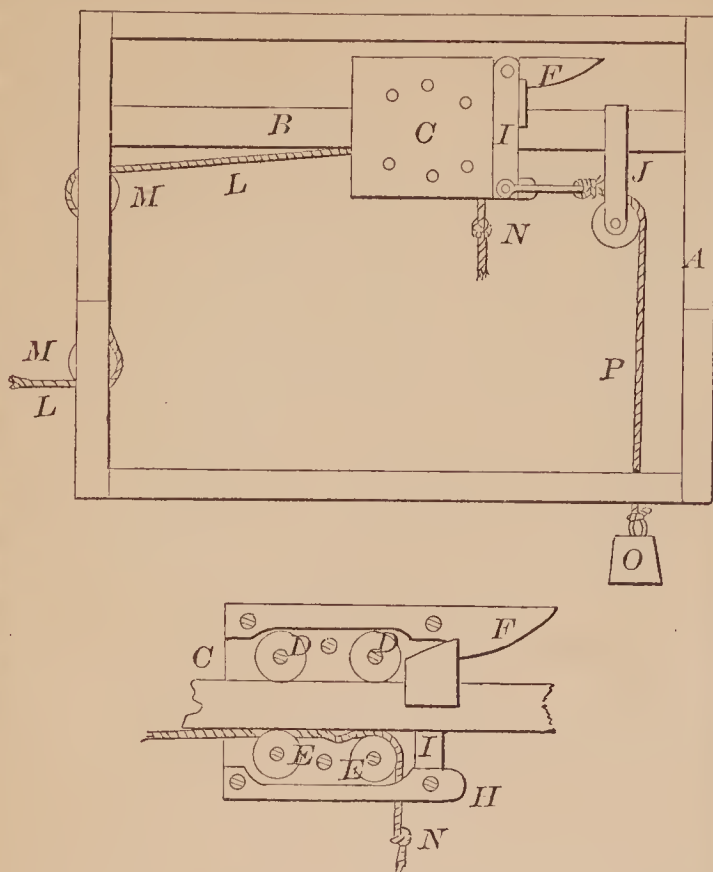
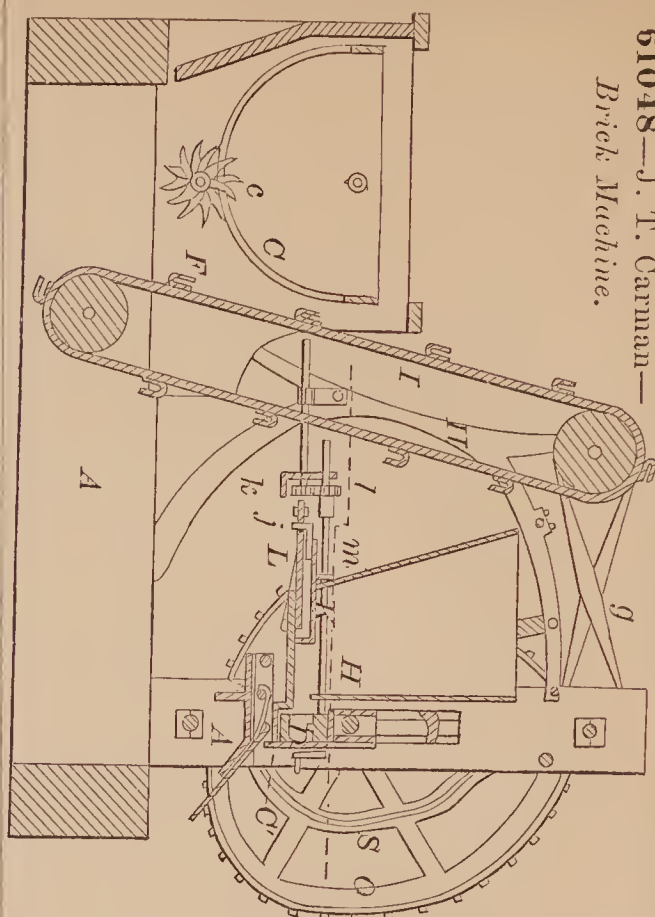
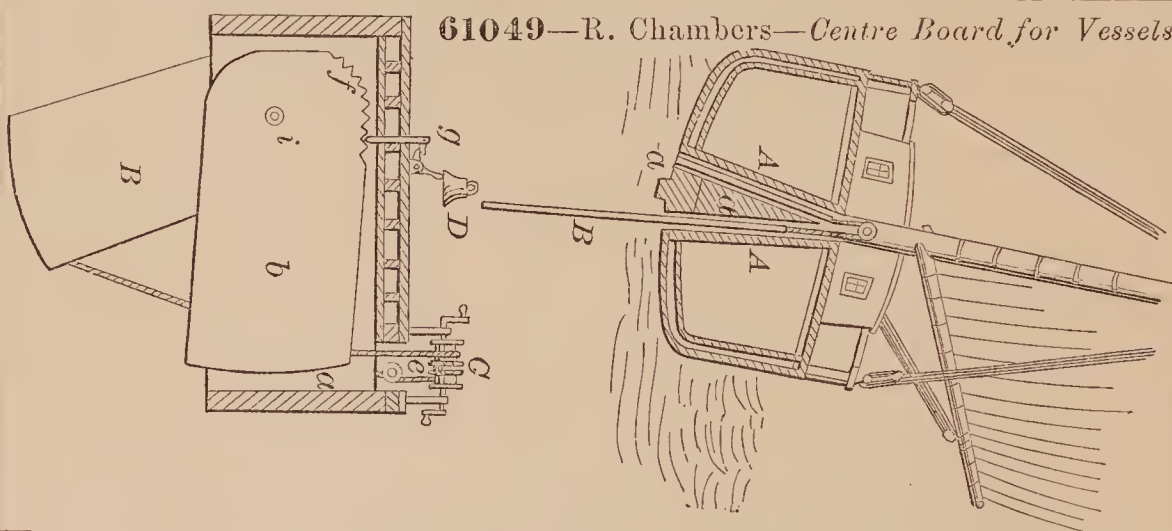
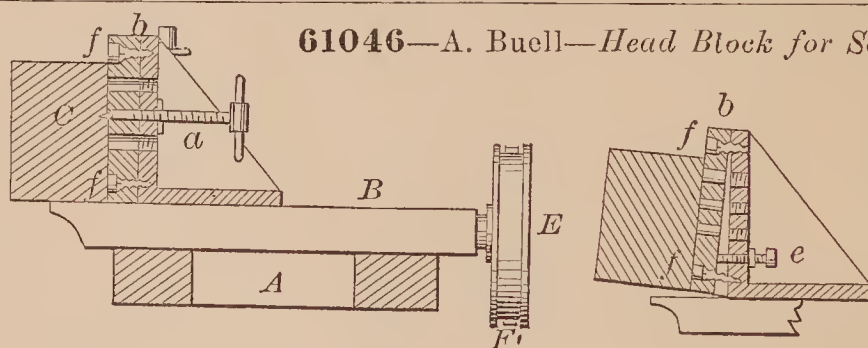
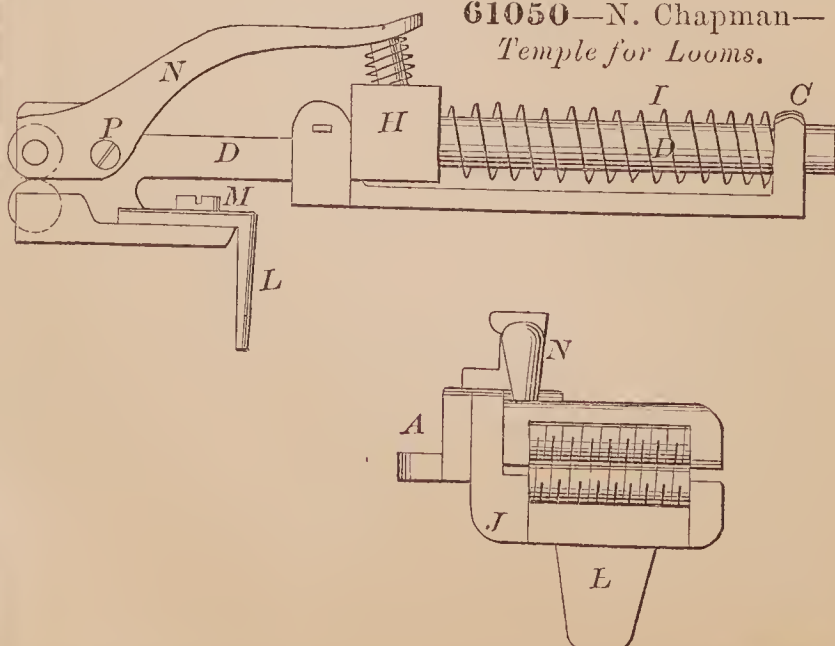
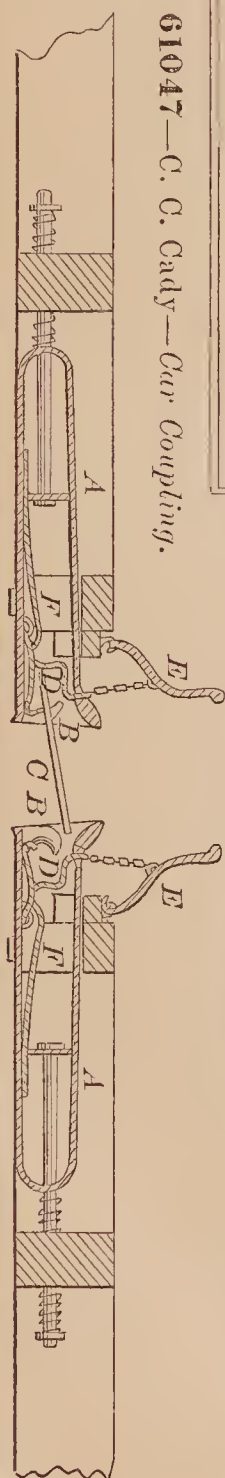


61043—V. W. Blanchard—*Hot Air Furnace.*

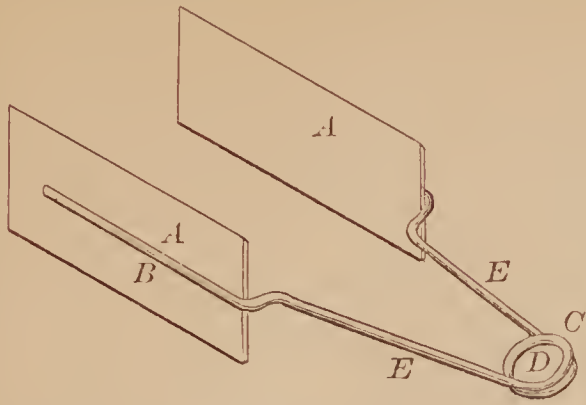


61040—H. Barsalow—*Cultivator.*

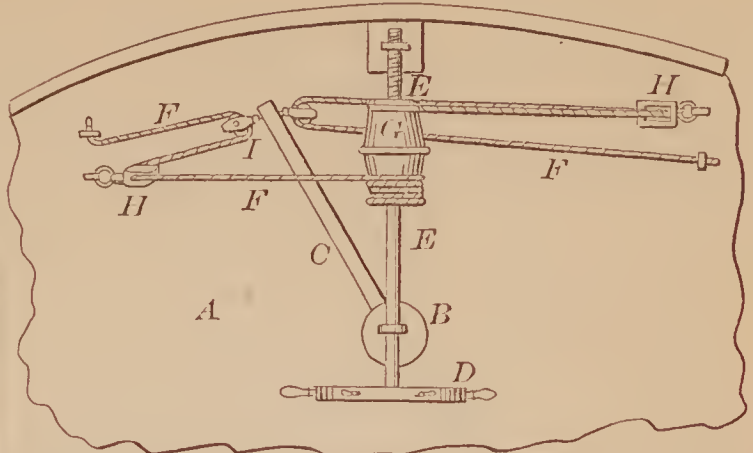


61044—J. T. Breneman—*Hay Stacker.*61048—J. T. Carman—*Brick Machine.*61049—R. Chambers—*Centre Board for Vessels*61046—A. Buell—*Head Block for Saw Mills.*61050—N. Chapman—*Temple for Looms.*61045—Bright & Morey—*Medicated Plaster.*61047—C. C. Cady—*Car Coupling.*

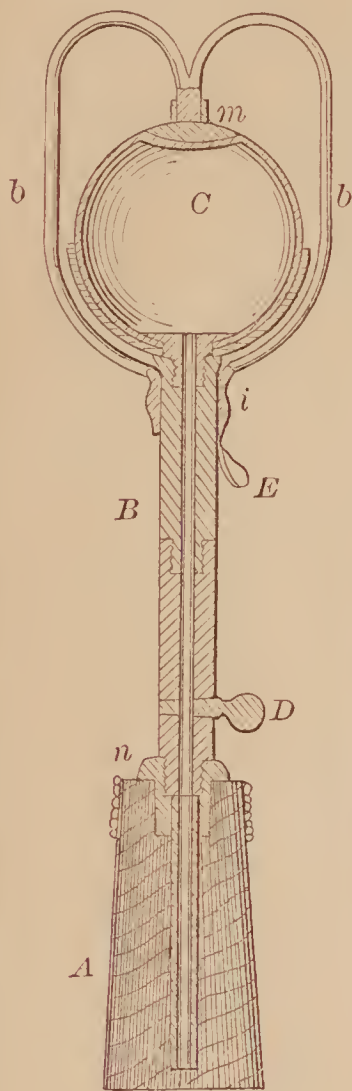
61051—J. S. Clark—*Butter Tongs.*



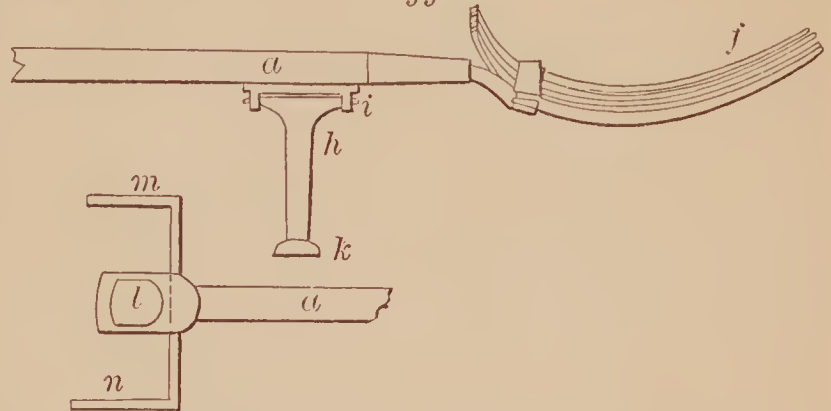
61052—E. S. Coffin—*Steering Apparatus.*



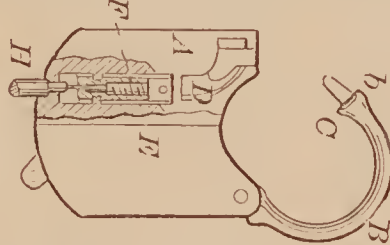
61053—W. Cover—*Paint Brush.*



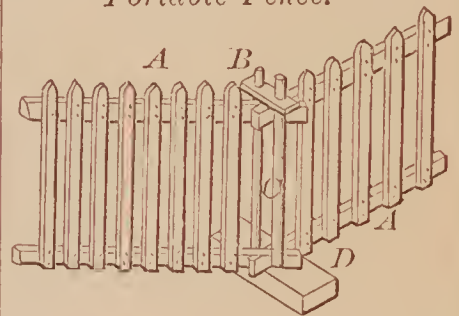
61058—W. H. Elliot—*Potato Digger.*



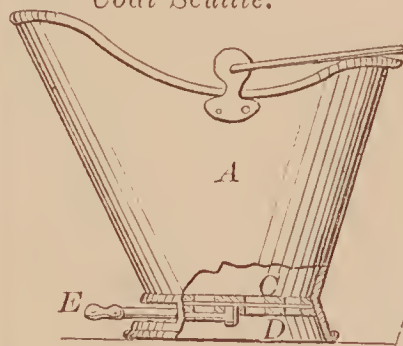
61055—L. P. Decker—*Lock.*



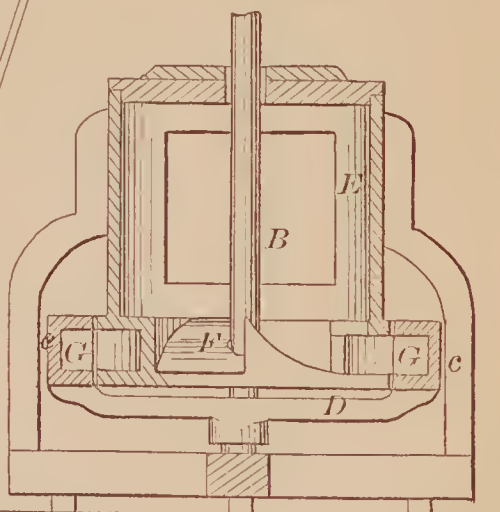
61057—P. S. Dusenbury—*Portable Fence.*



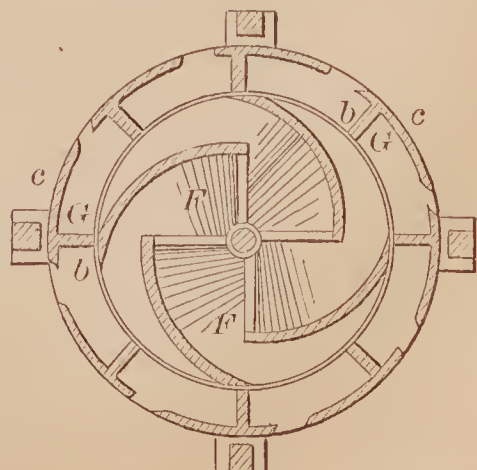
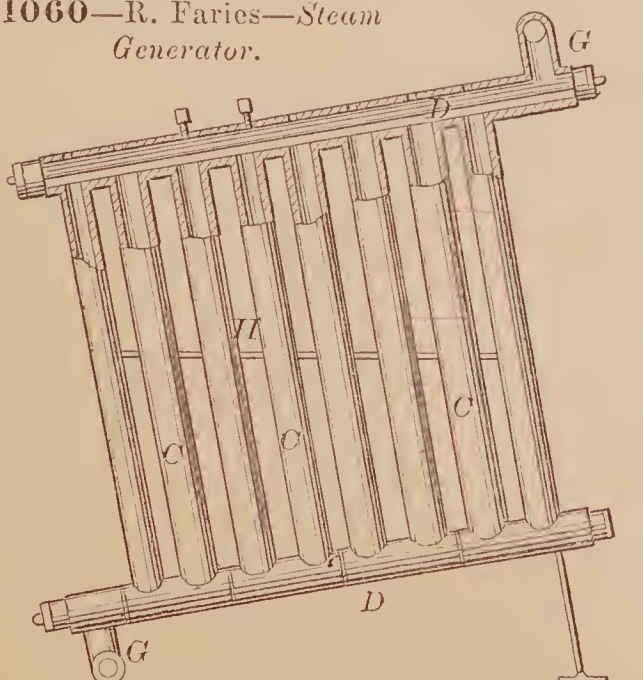
61054—B. F. Cowan—*Coal Scuttle.*



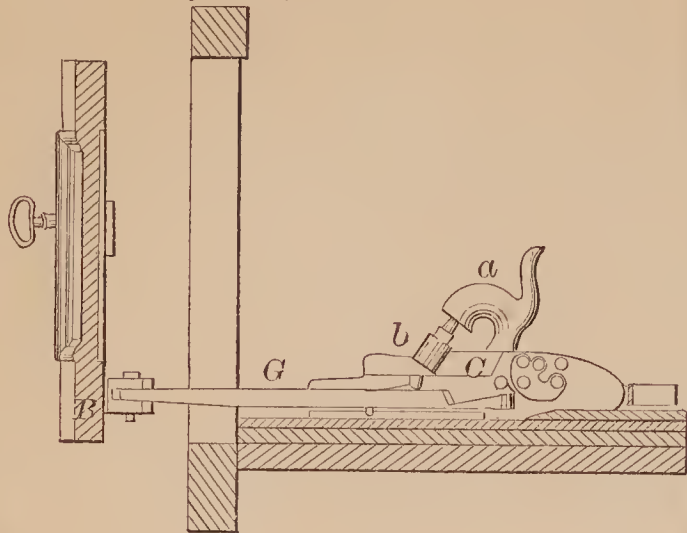
61059—W. H. Elmer—*Water Wheel.*



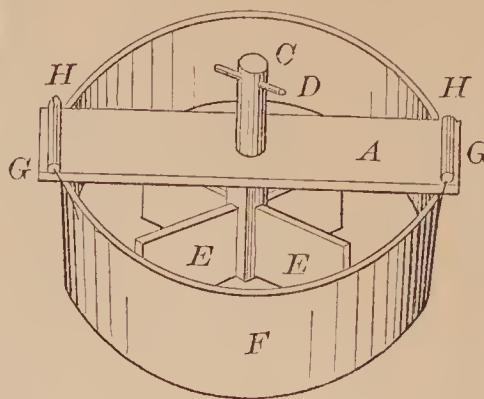
61060—R. Faries—*Steam Generator.*



61061—B. G. Fitzhugh—*Burglar Alarm for Safes, &c.*



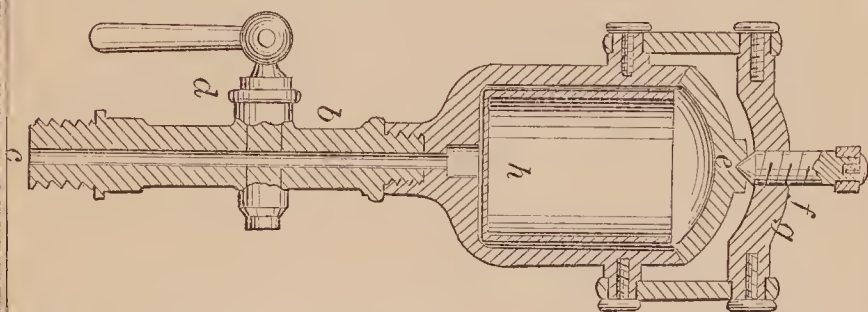
61067—J. S. Hittell—*Washing Machine.*



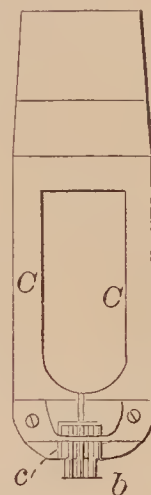
61070—L. Hull—*Whip Stock.*



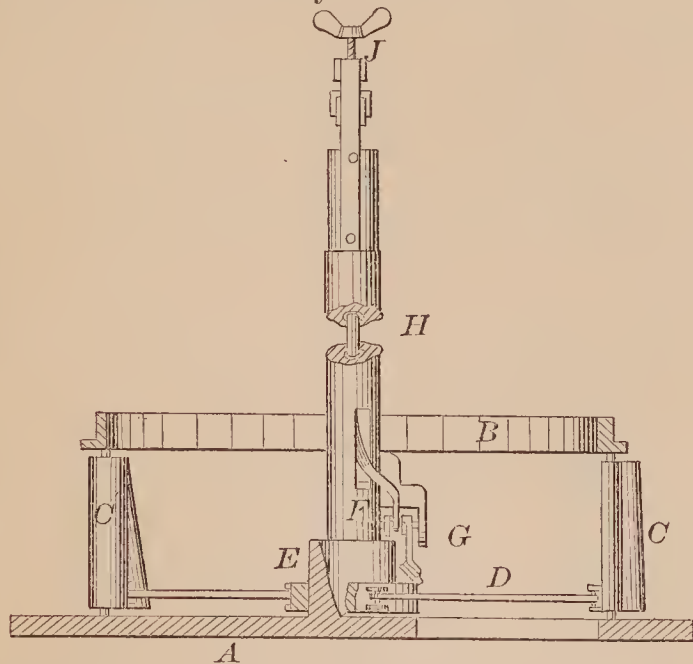
61062—T. Fleetwood—*Lubricating Cup.*



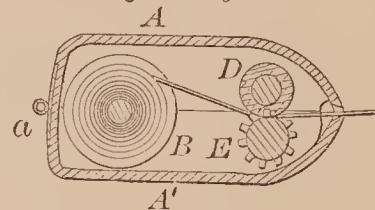
61069—R. Hughes—*Punch.*



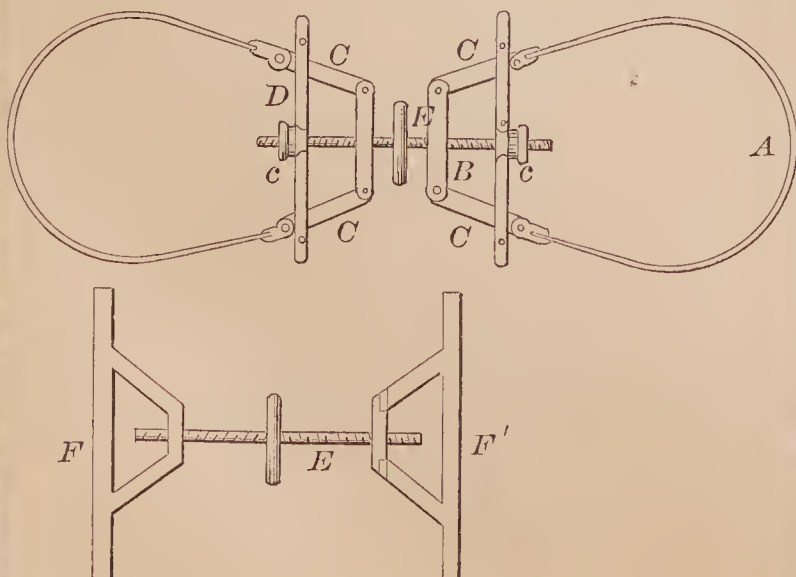
61066—J. Hemenway—*Water Wheel.*



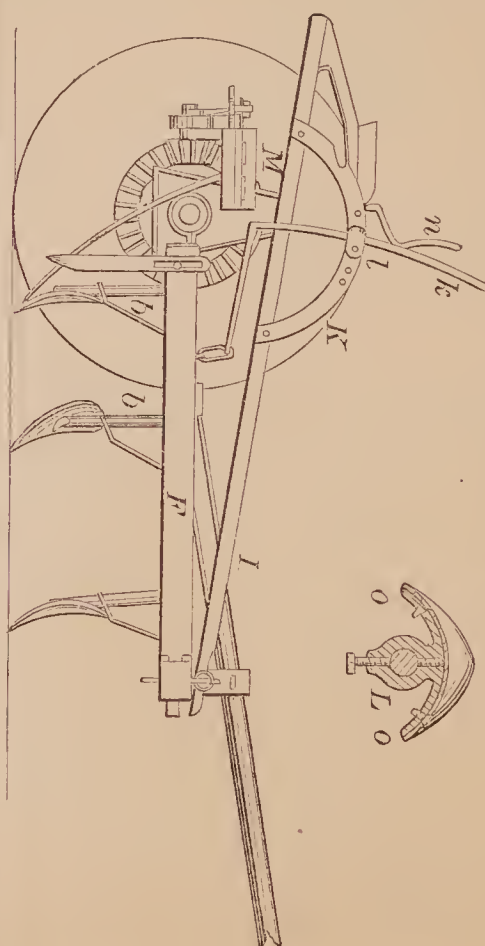
61065—W. Helfricht—*Passenger Register.*



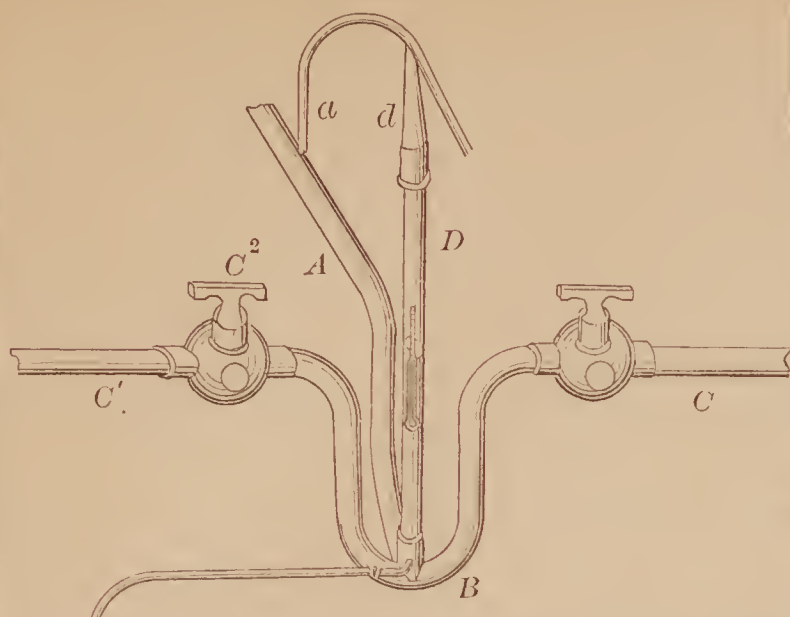
61068—W. W. Hornberger—*For Forming Boilers.*



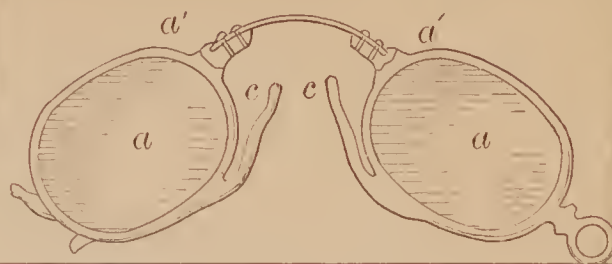
61071—M. J. Hunt—*Corn Planter and Cultivator.*



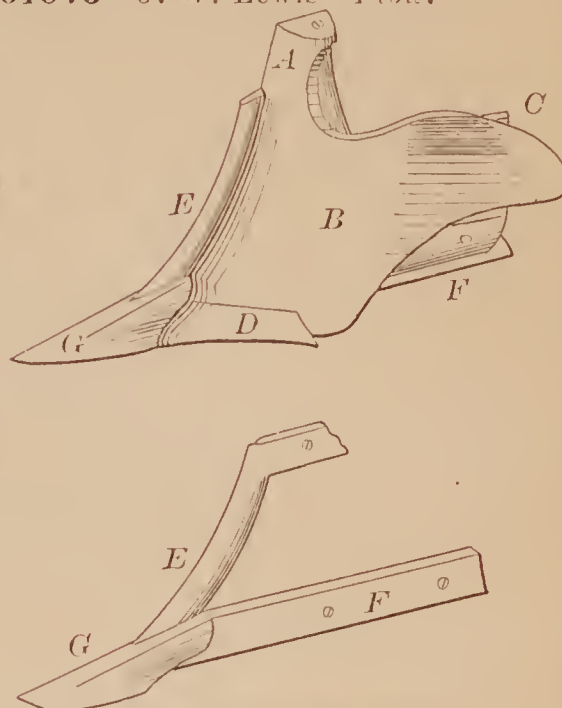
61072—W. James—*Spirit Proof Test for Stills.*



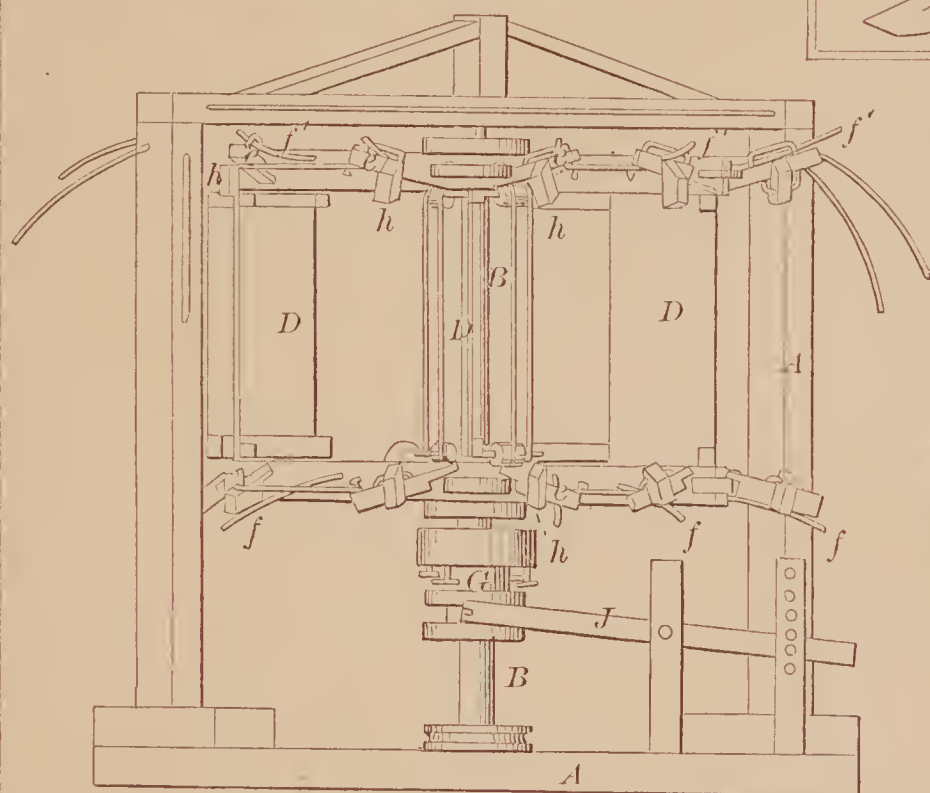
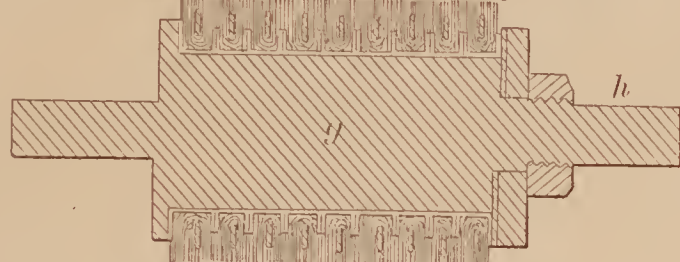
61073—E. K. Josselyn—*Eye Glasses.*



61075—J. W. Lewis—*Plow.*

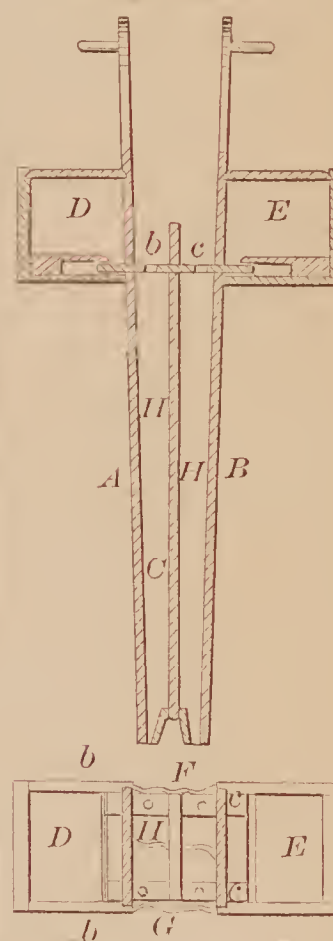


61078—G. Macdonald—*For Ginning Cotton.*

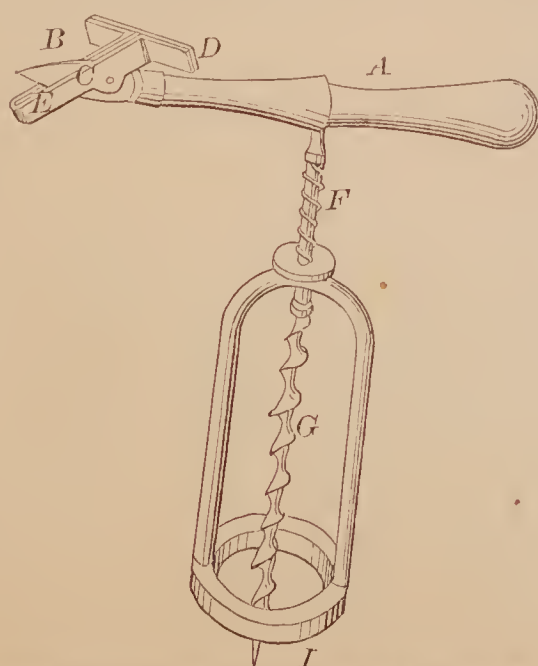


61077—R. O. Lowrey—*Wind Mill.*

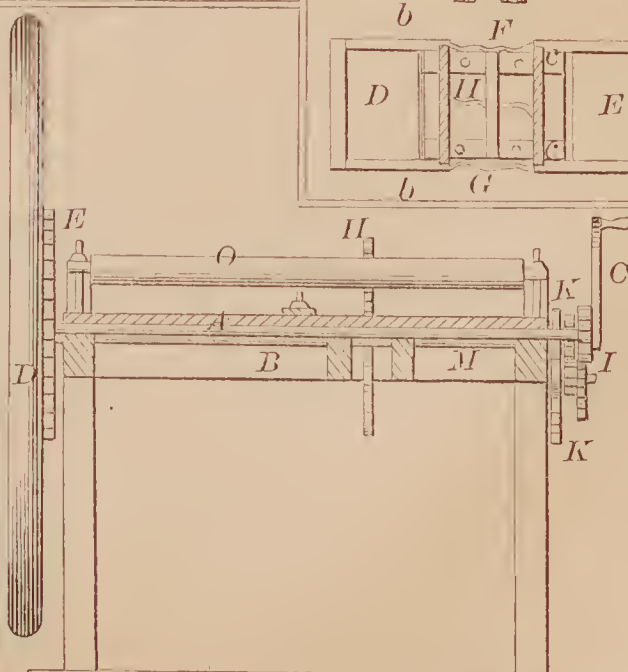
61076—W. C. Lewman—*Corn Planter.*



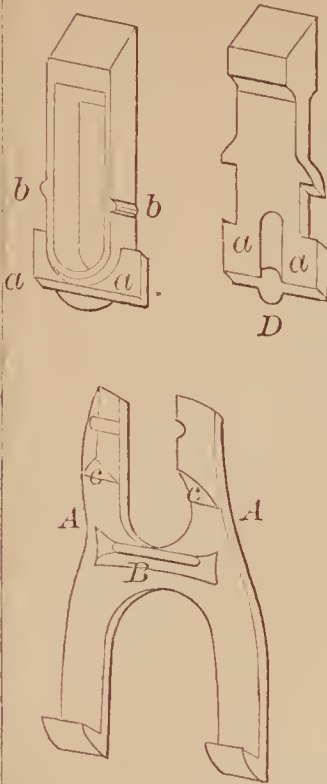
61080—W. C. McGill—*Corb Screw.*



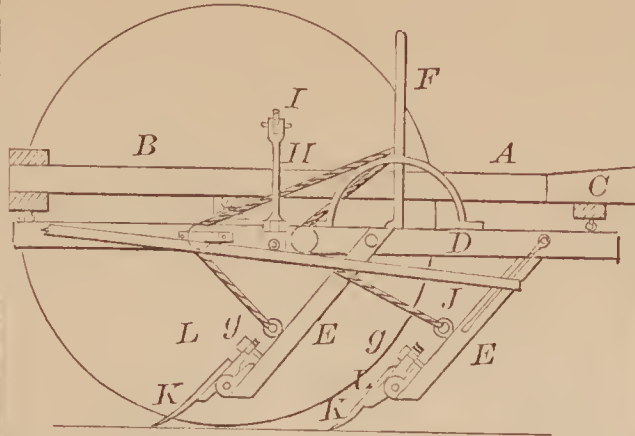
61079—Marston & Huling—*Sawing Machine.*



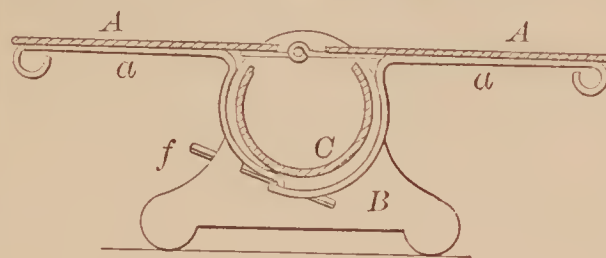
61090—S. Oppenheimer—*Latch Bolt.*



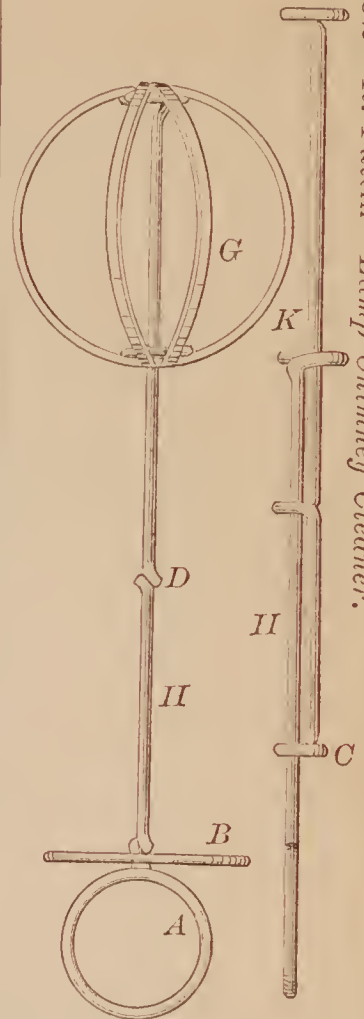
61091—R. B. & J. R. Parks—*Cultivator.*



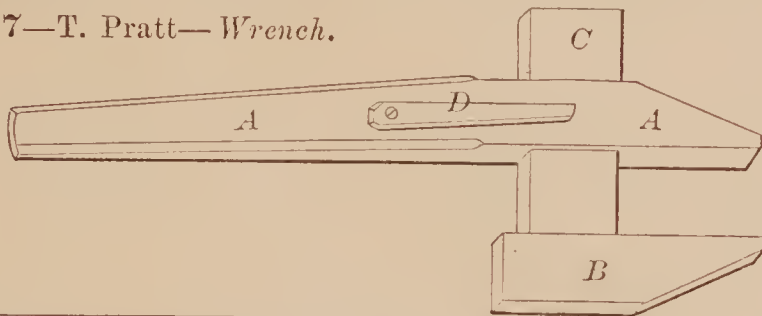
61096—H. H. Potter—*Fly Trap.*



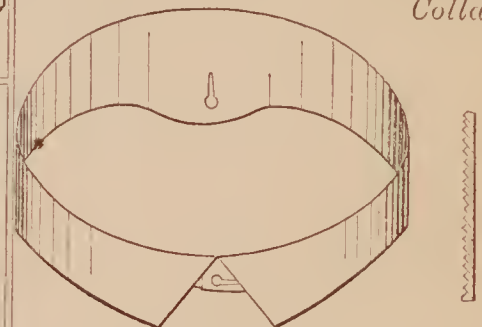
61092—R. Patin—*Lamp Chimney Cleaner.*



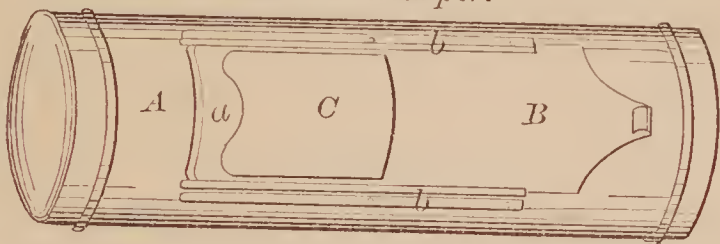
61097—T. Pratt—*Wrench.*



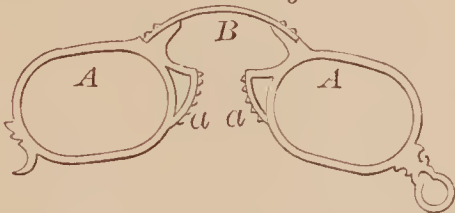
61100—G. W. Ray—*Paper Collar.*



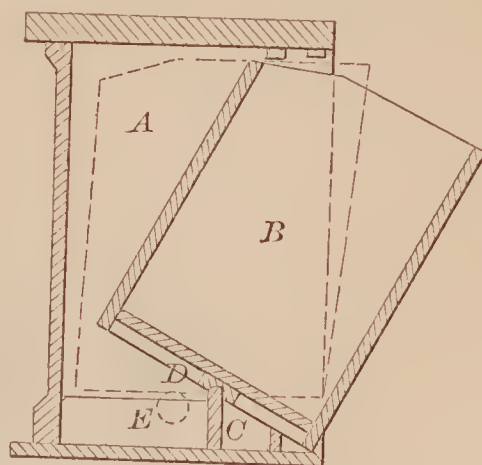
61093—W. W. Paxson—*Damper.*



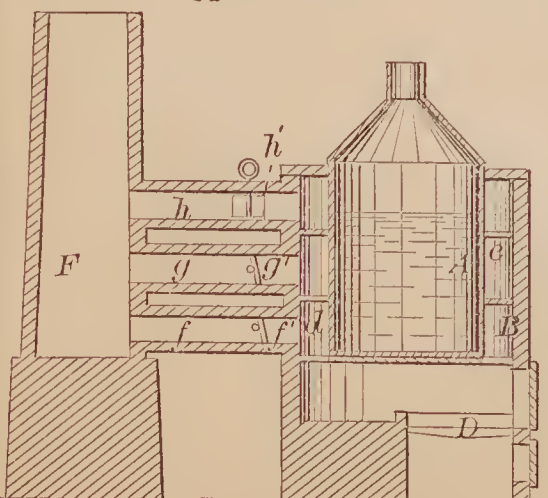
61099—J. Prentice—*Eye Glasses.*



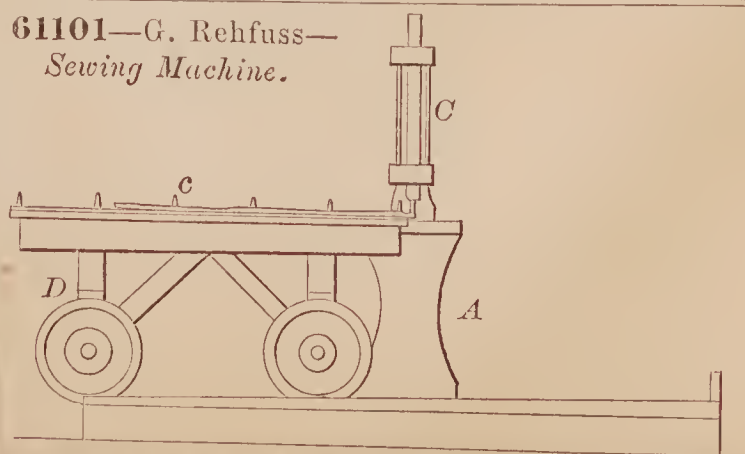
61095—O. I. Porter—*Grain Bin.*



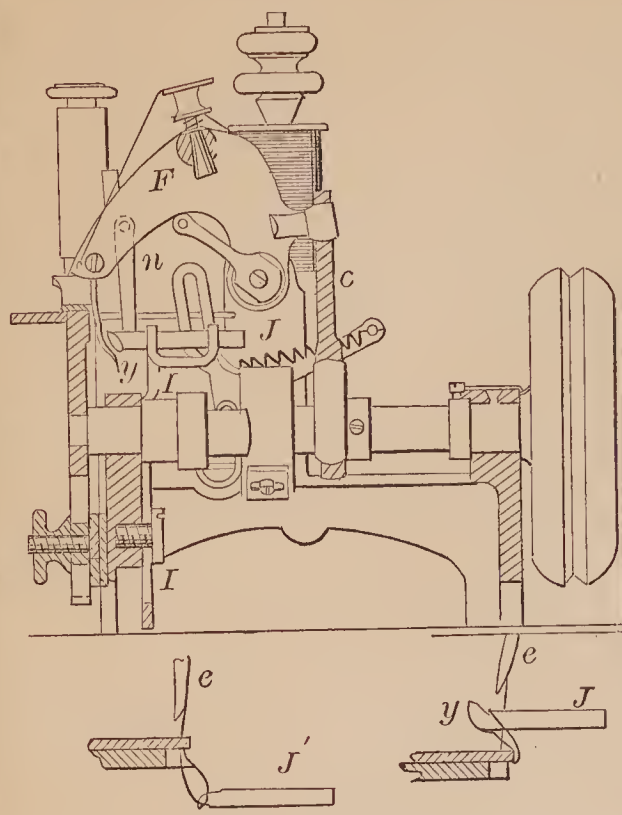
61098—L. Pray—*Distilling Apparatus.*



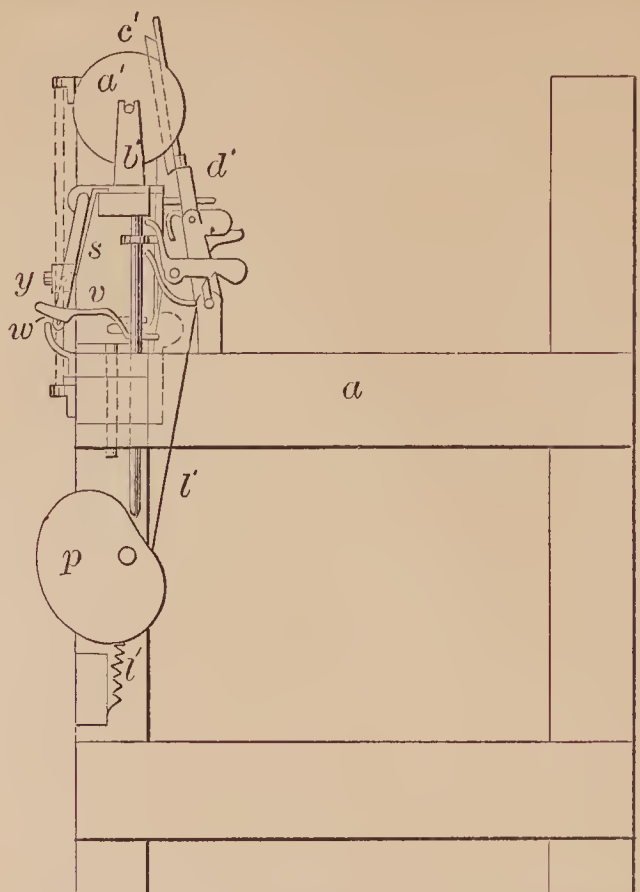
61101—G. Rehfuß—*Sewing Machine.*



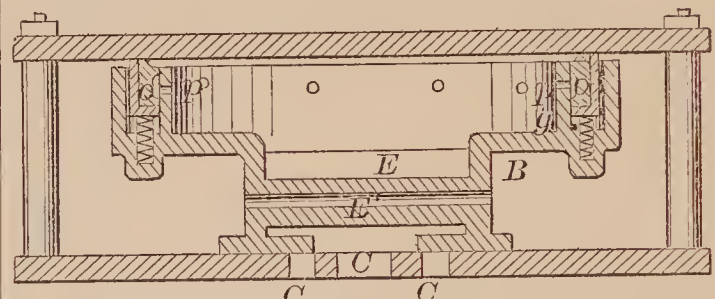
61102—G. Rehfuß—*Sewing Machine.*



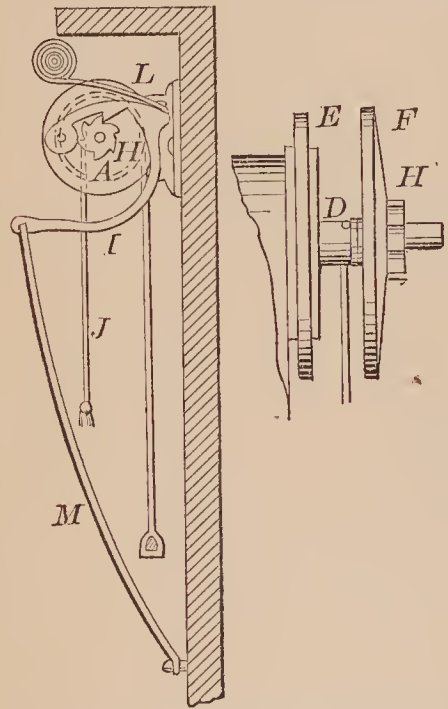
61104—J. Rich—*Spinning Machine.*



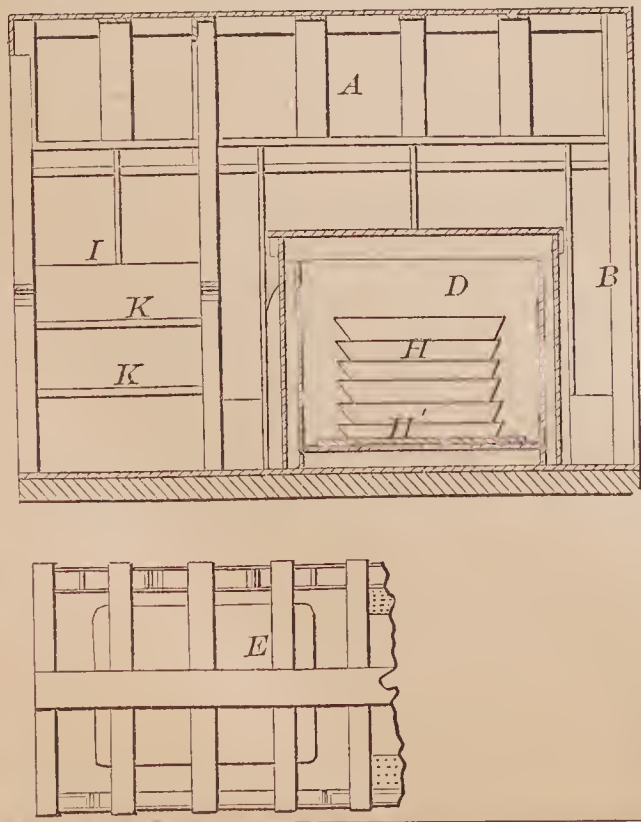
61105—W. B. Robinson—*Slide Valve.*



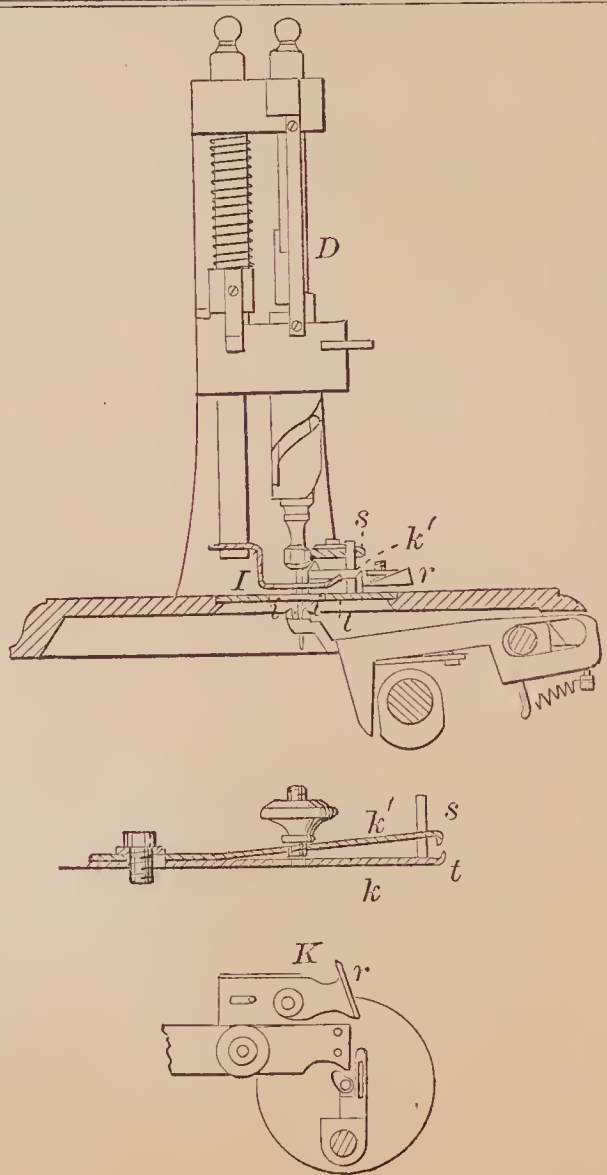
61106—C. Rose—*Curtain Fixture.*



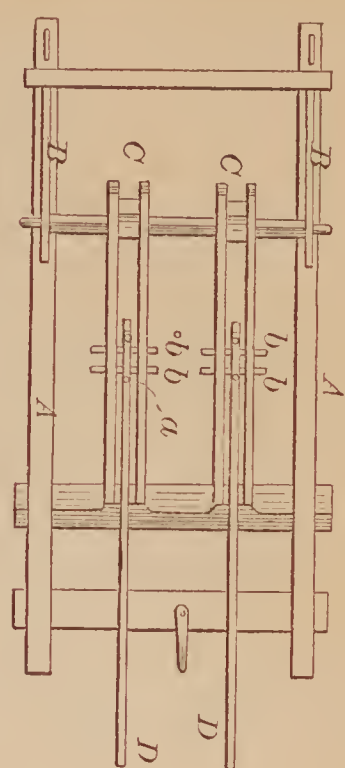
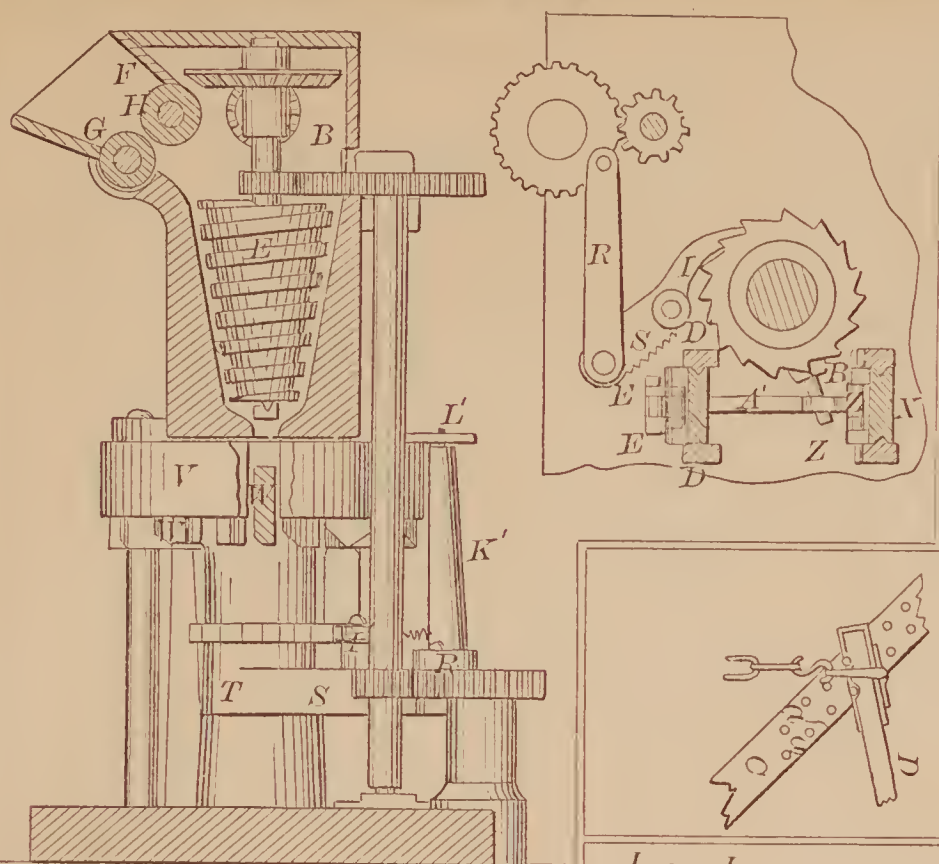
61107—J. S. Ross—*Fruit and Ice House.*



61103—G. Rehfuß—*Sewing Machine.*

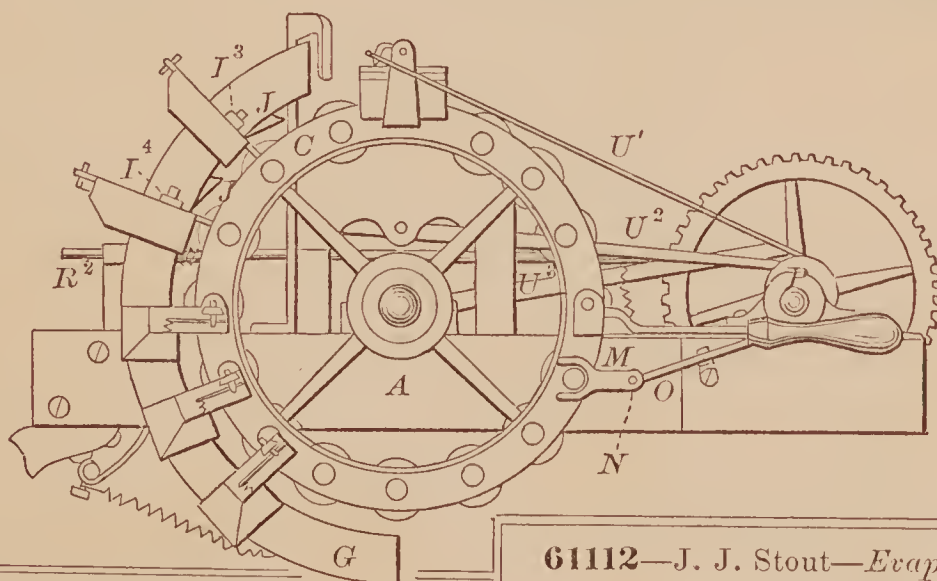
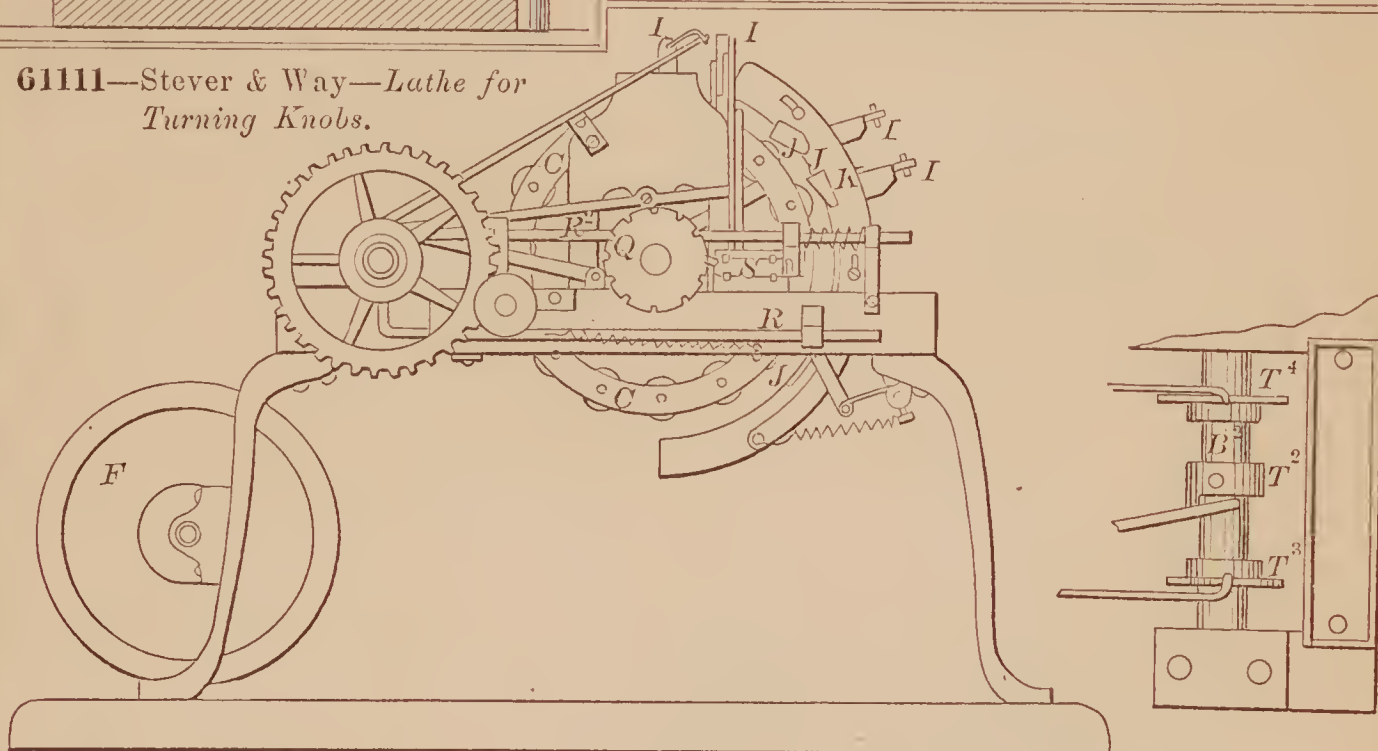


61108—W. A. Shepard—*Brick Machine.*



61110—D. Stauffer—*Stump Extractor.*

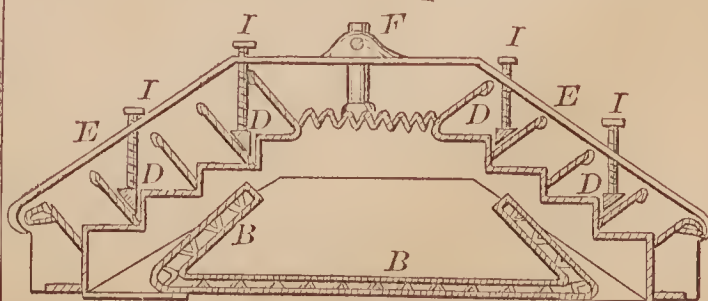
61111—Stever & Way—*Lathe for Turning Knobs.*

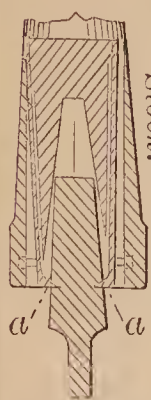
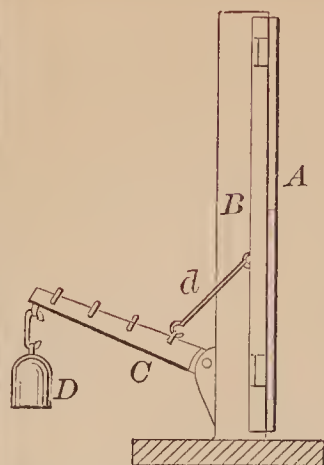
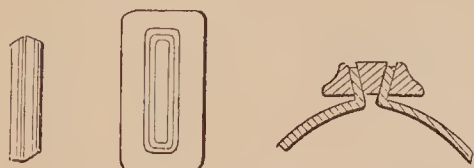
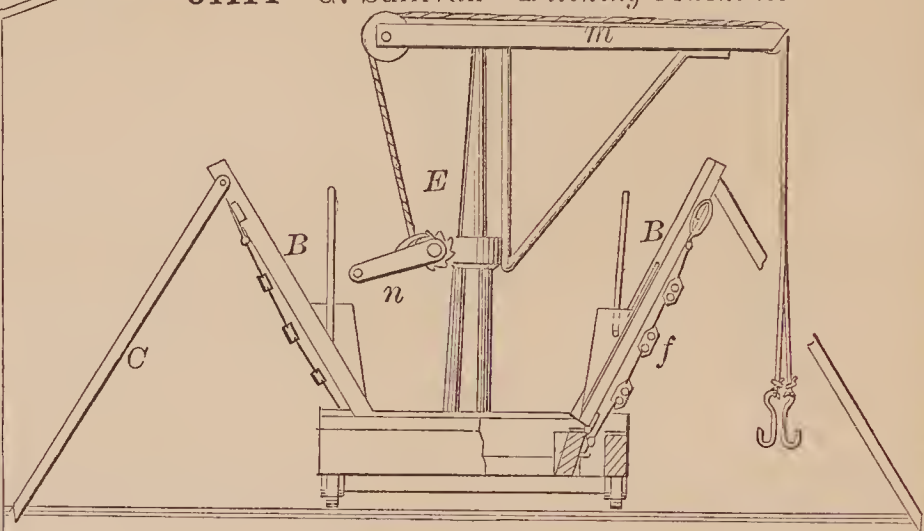
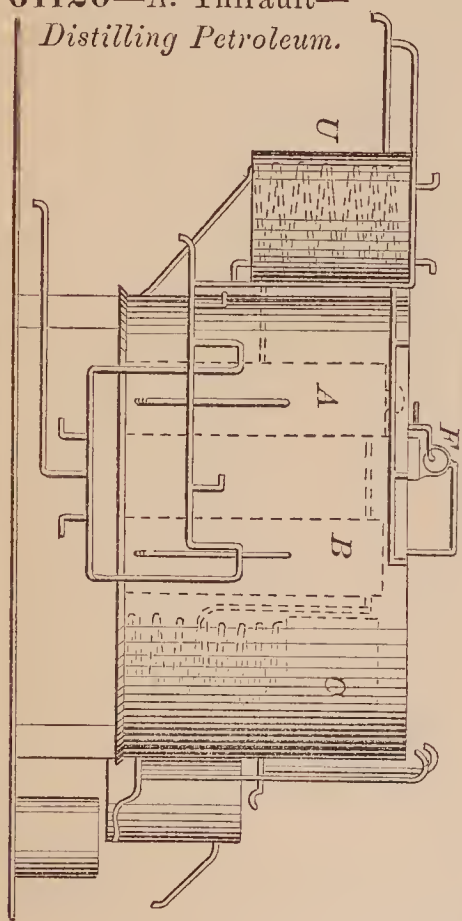
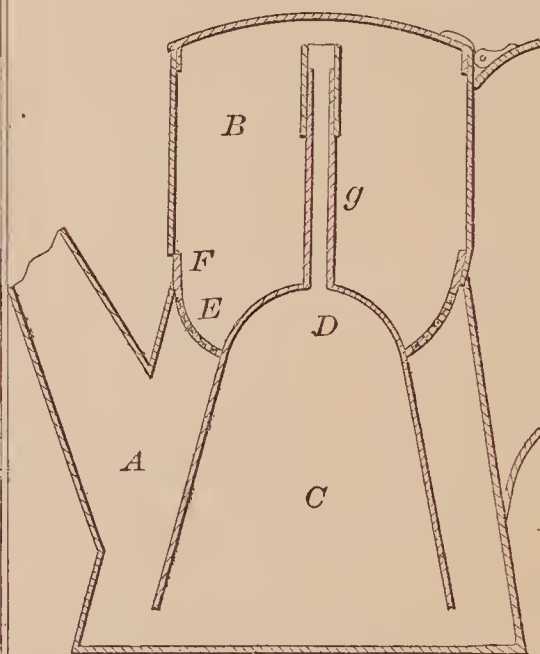
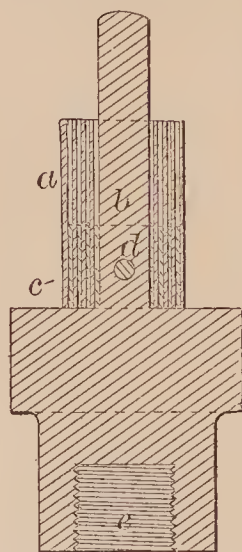
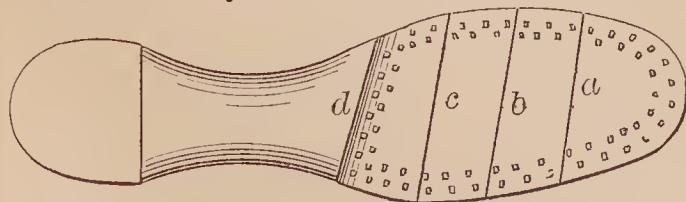
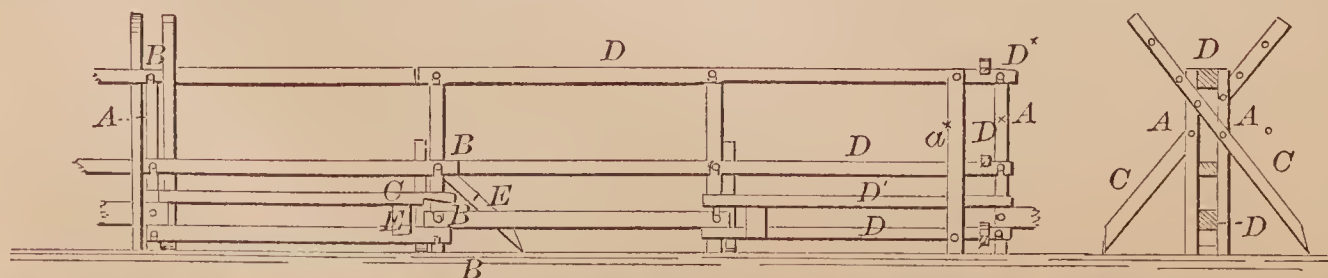


61109—N. S. Snedeker—*Lubricating Journals.*

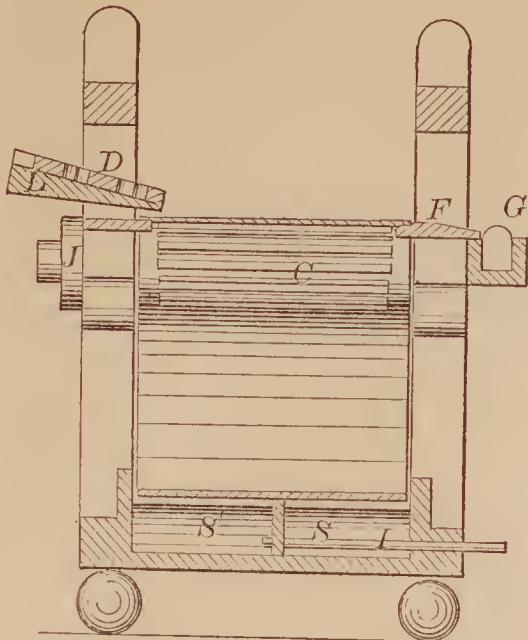


61112—J. J. Stout—*Evaporator.*

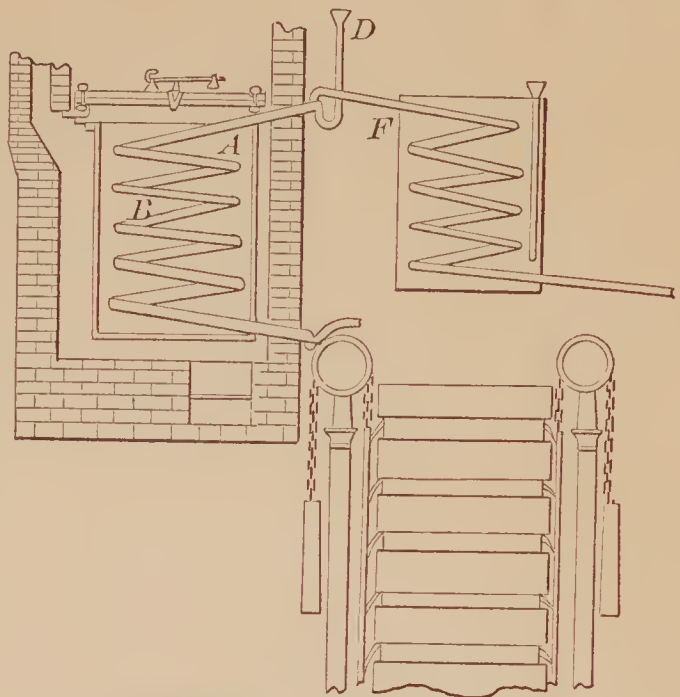


61113—A. W. Streeter—*Bit Stock.*61115—W. W. Sutliff—*Gate.*61116—E. De L. Sweet—*Telegraph Tariff Indicator.*61118—E. Thayer—*Belt Coupling.*61114—G. Sullivan—*Ditching Machine.*61120—A. Thirault—*Distilling Petroleum.*61122—H. Tilden—*Coffee Pot.*61121—N. Thompson—*Boring Tool.*61119—E. Thayer—*Boots and Shoes.*61123—D. Unthank—*Portable Fence.*

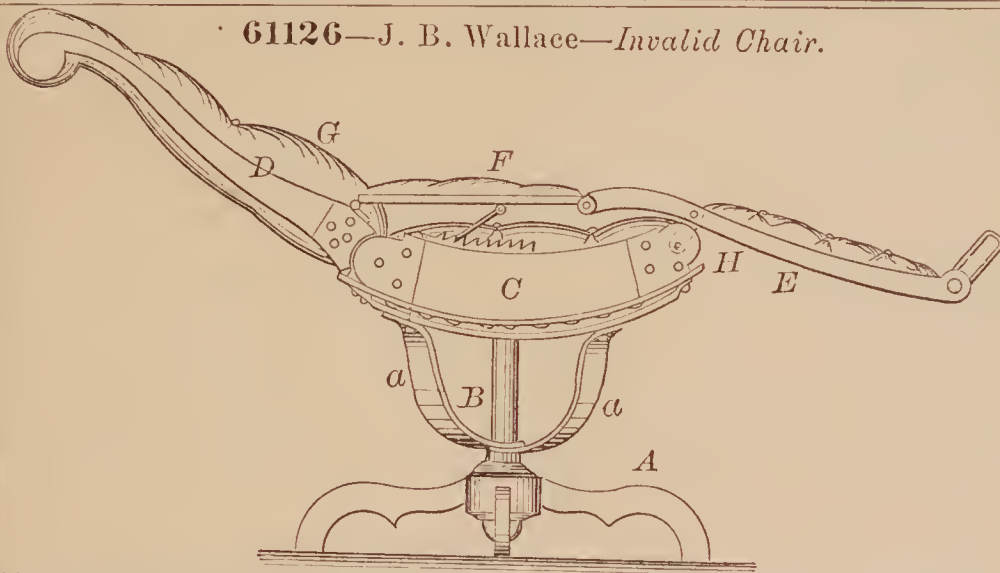
61124—R. Uren—*For Washing Ores.*



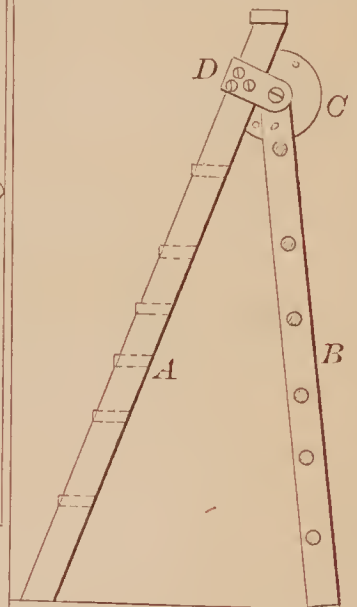
61125—P. H. V. Weyde—*Refining Petroleum, &c.*



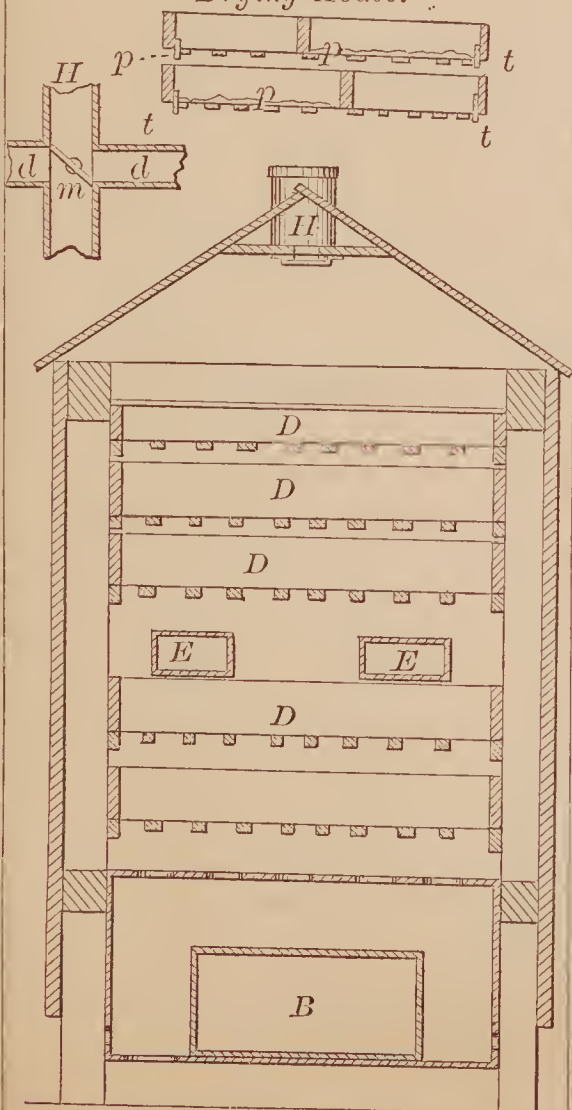
61126—J. B. Wallace—*Invalid Chair.*



61129—J. F. Winchell—*Fruit Ladder.*



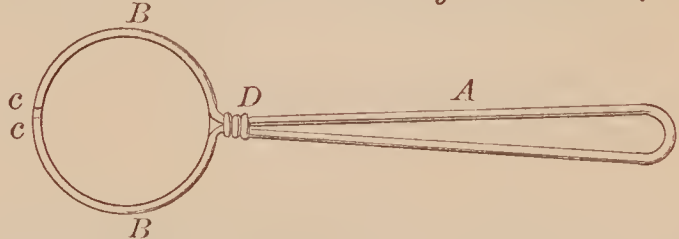
61130—J. F. Winchell—*Fruit Drying House.*



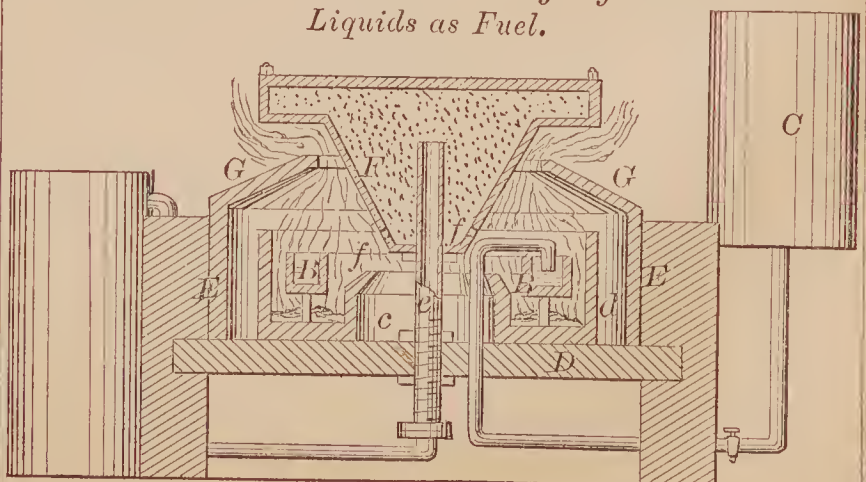
61127—B. J. Warner—*Watch Case.*

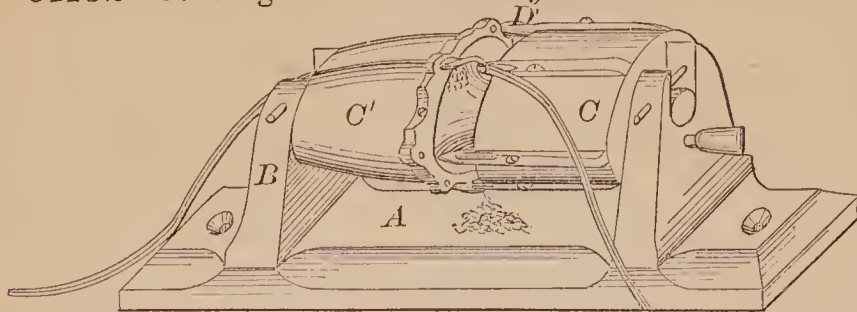
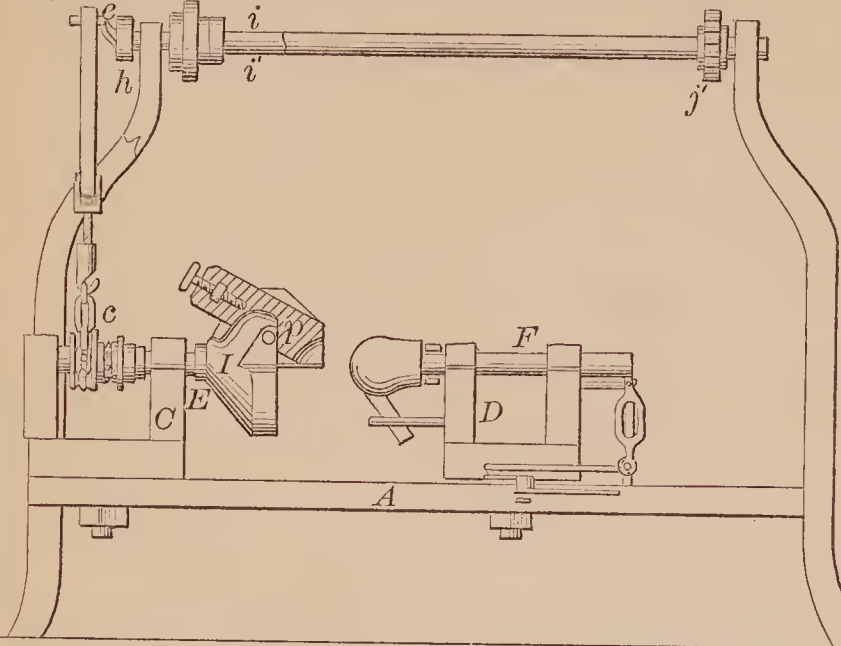
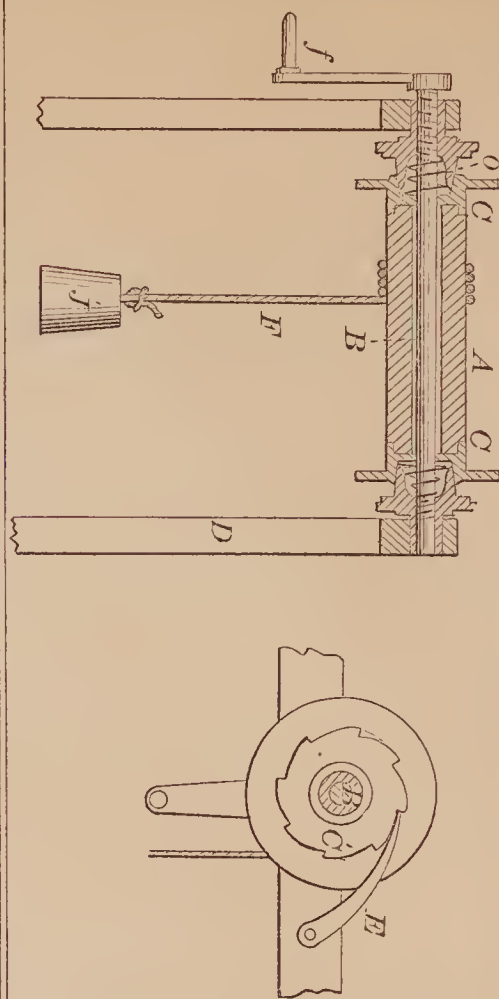
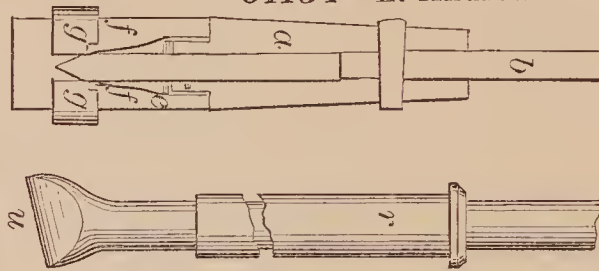
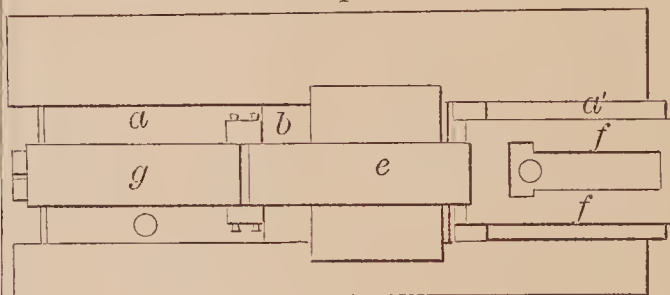
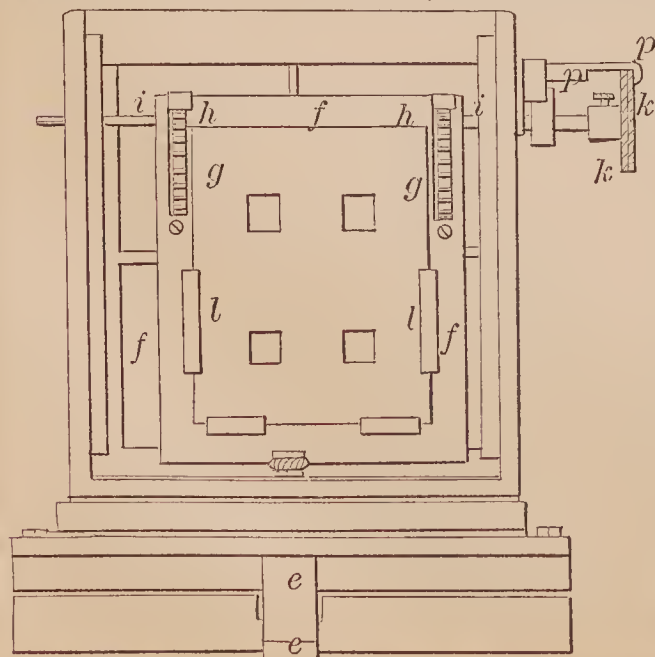
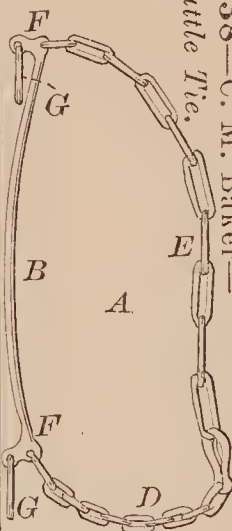
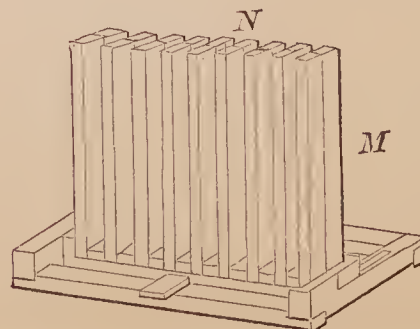
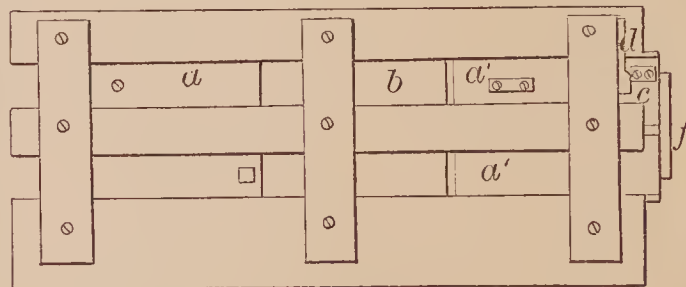
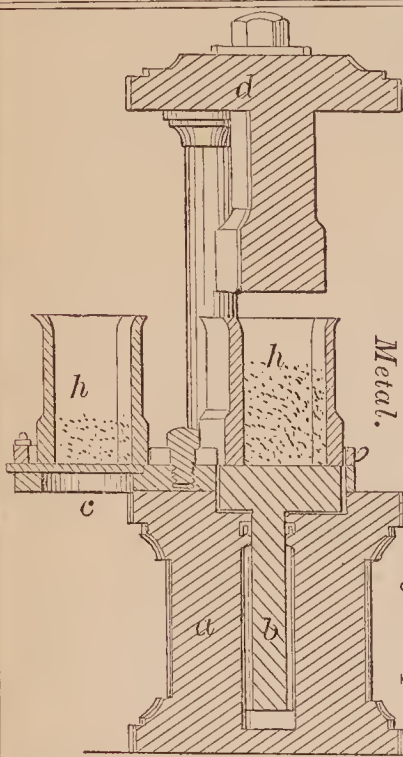


61128—A. Wilder—*Blacking Box Holder.*

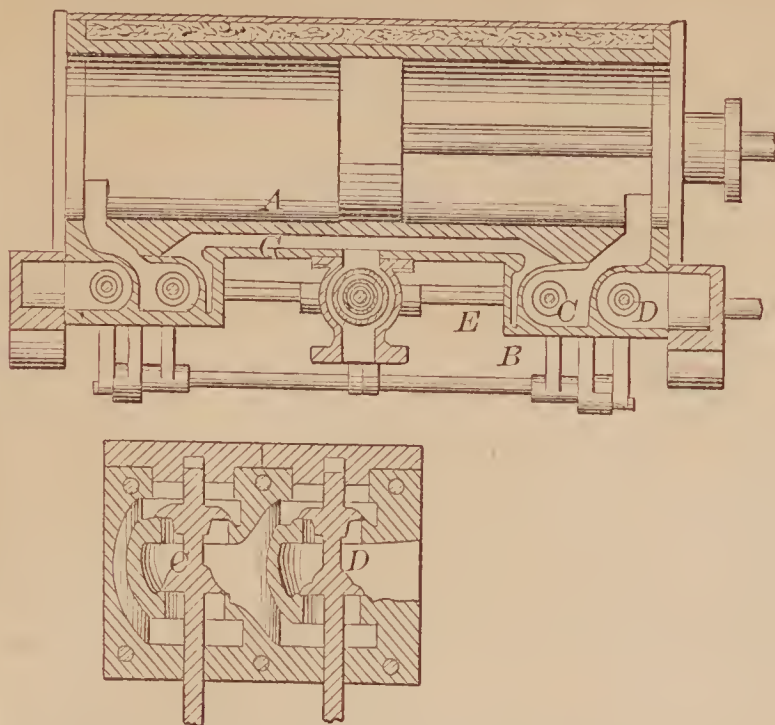


61131—A. J. Works—*Burning Hydro-Carbon Liquids as Fuel.*

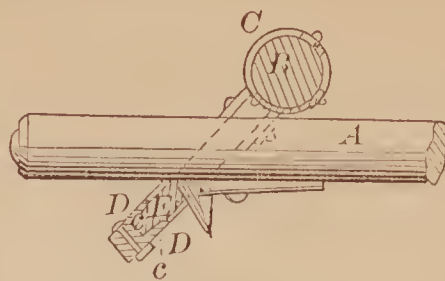


61132—J. Yeager—*For Rounding Leather.*61135—F. A. Armbruster—*Lathe.*61137—W. E. Babcock—*Water Elevator.*61134—L. Andrews—*Drill.*61140—E. L. Barrett—*For Making Envelopes.*61139—T. Barbour—*Photographic Camera.*61138—C. M. Baker—*Cattle Tie.*61136—L. J. Atwood—*For Bundling Scrap Metal.*

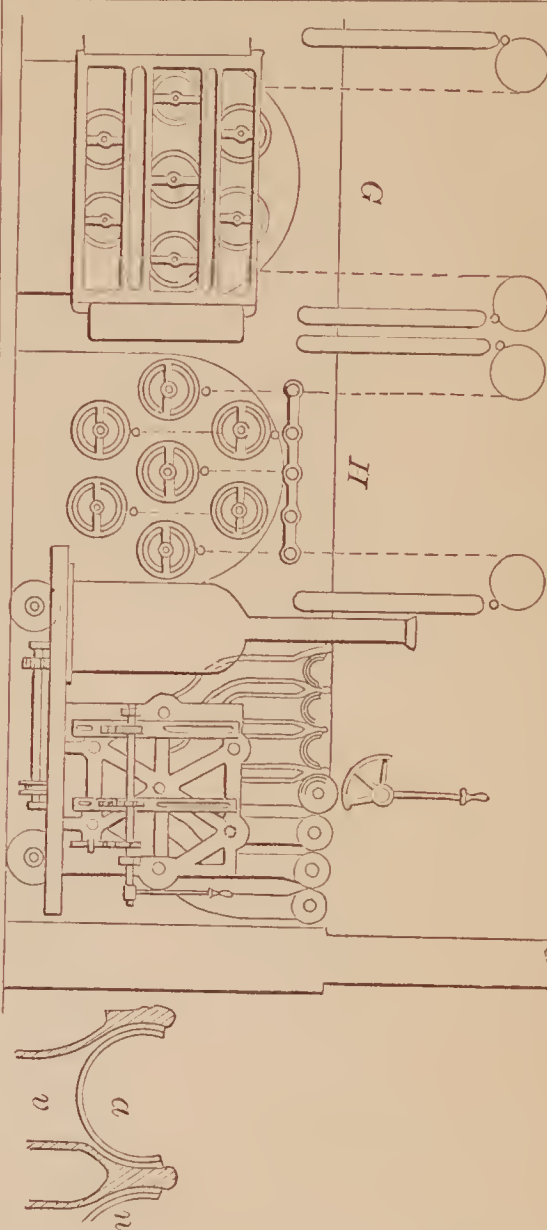
61141—L. D. Bartlett—*Steam Engine Valve.*



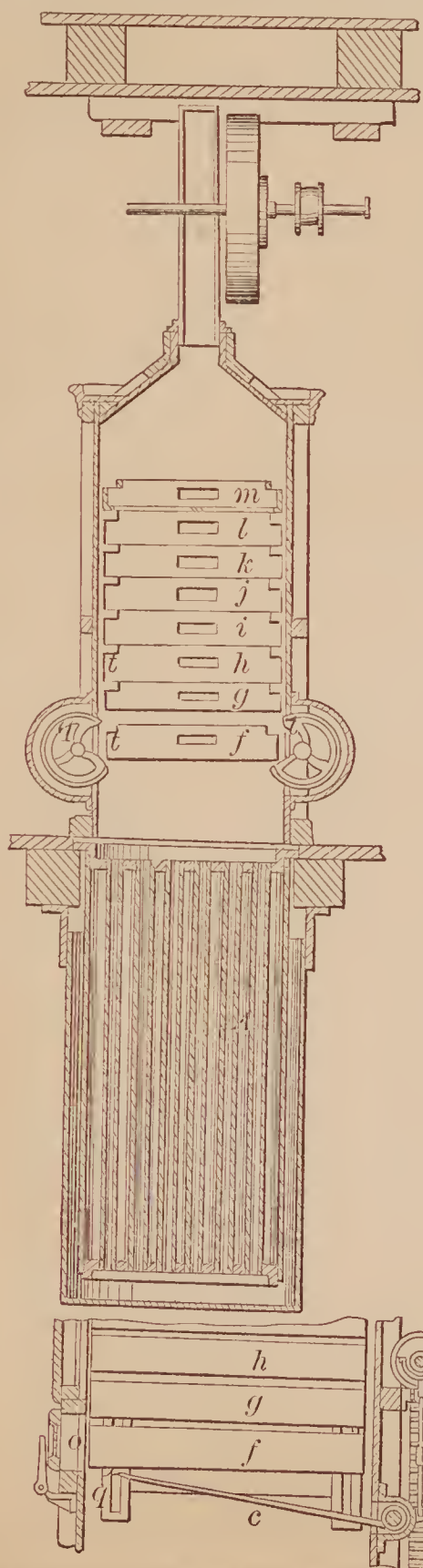
61142—A. Benedict—*Neck Yoke.*



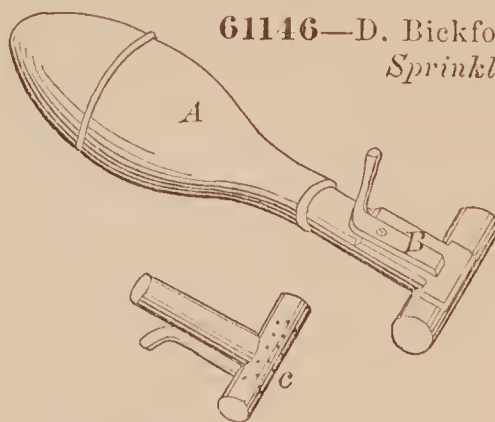
61144—Best & Holden—*For Charging and Drawing Gas Retorts, &c.*



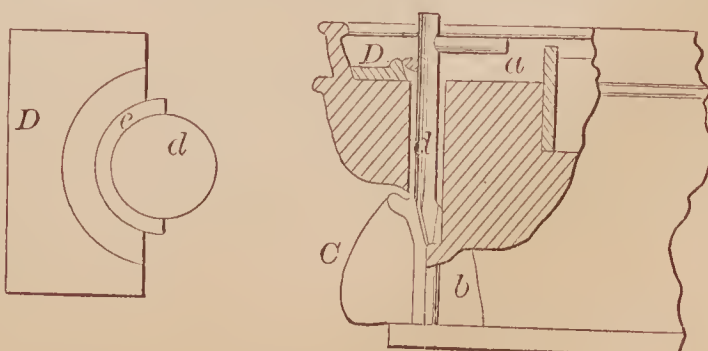
61145—C. Ben—*Wool Dryer.*

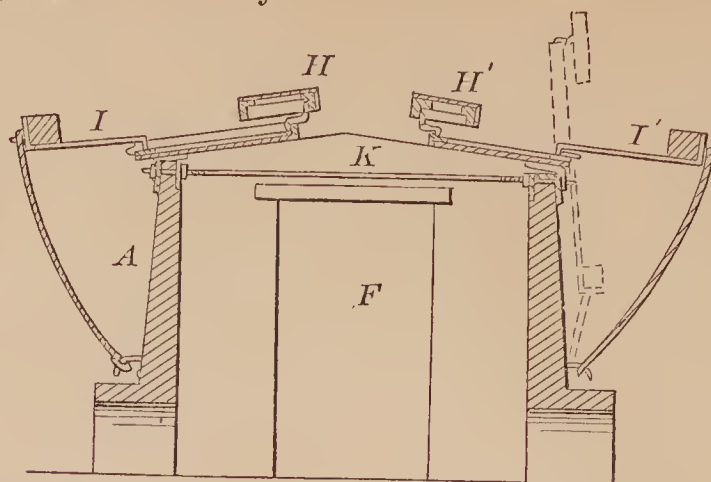
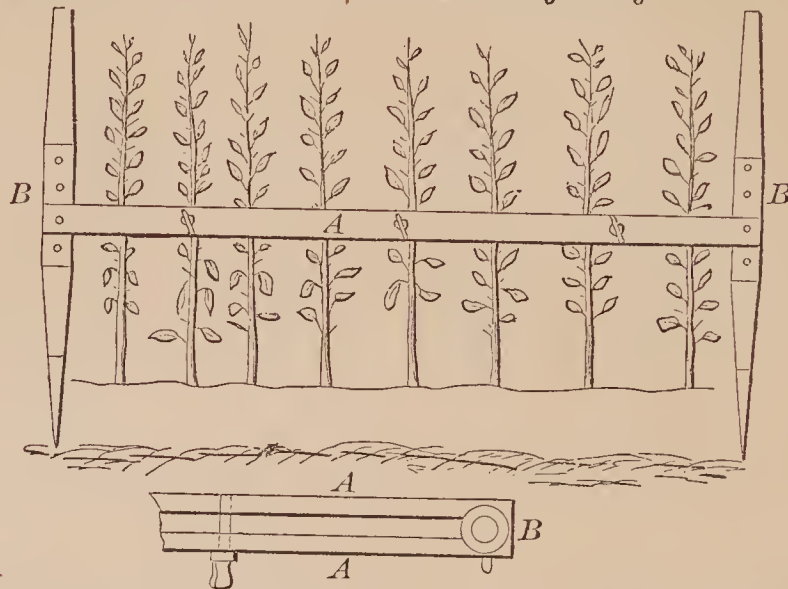
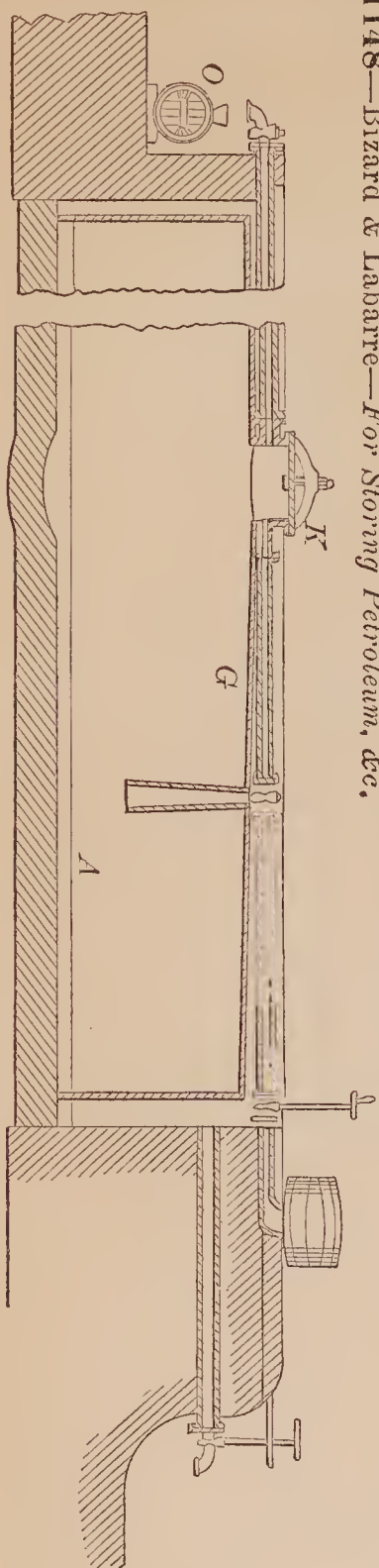
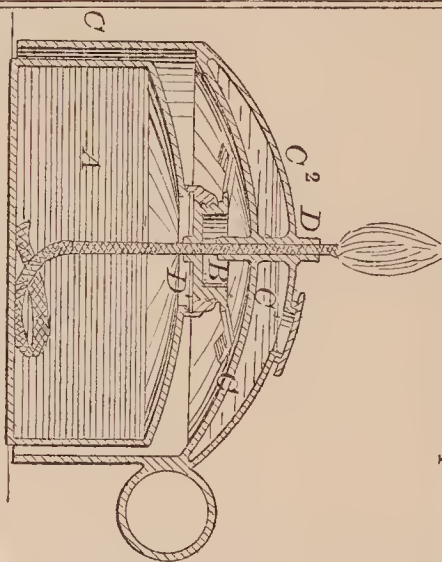
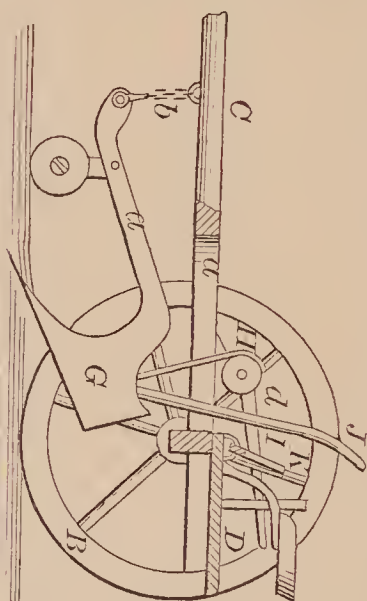
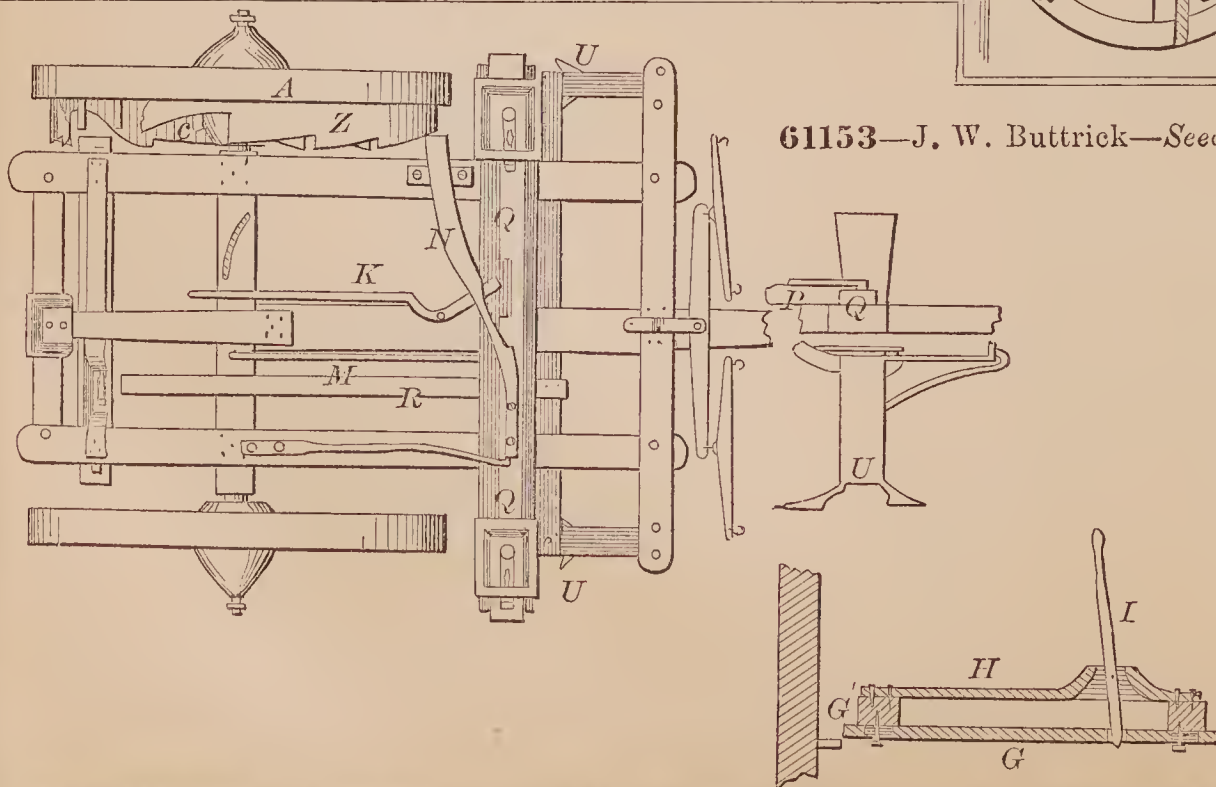


61146—D. Bickford—*Clothes Sprinkler.*

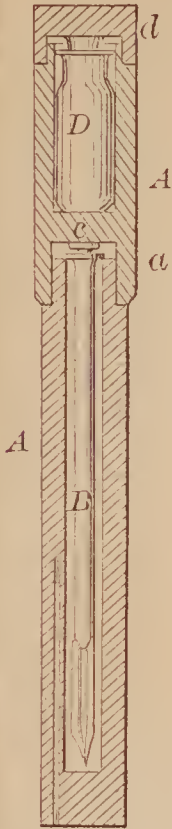


61147—J. N. Bitting, Sr.—*Rudder Bearing.*

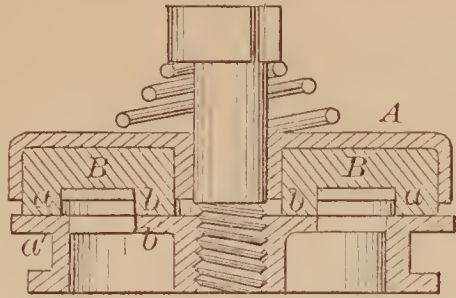


61149—G. C. Bovey—*Brick Kiln.*61150—C. D. Brown—*For Planting Hedges.*61148—Bizard & Labarre—*For Storing Petroleum, &c.*61152—F. Burrows—*Lamp.*61151—Burket & Gaskill—*Sulky Plow.*61153—J. W. Buttrick—*Seed Planter.*

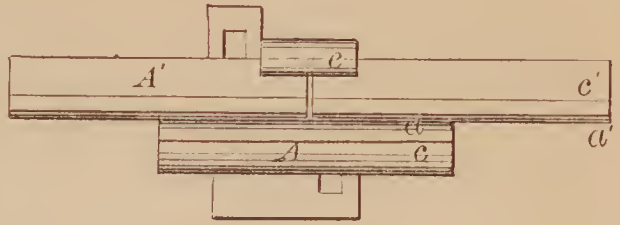
61154—A. G. Buzby—*Pen and Ink Case.*



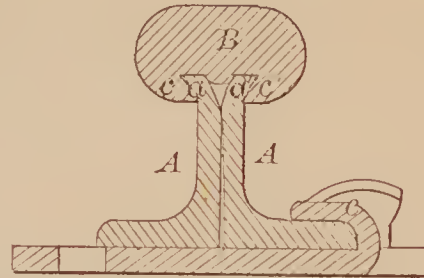
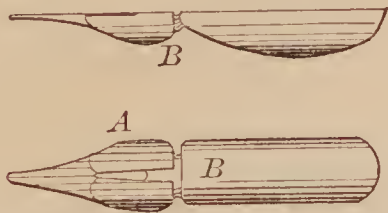
61155—A. S. Cameron—*Pump Valve.*



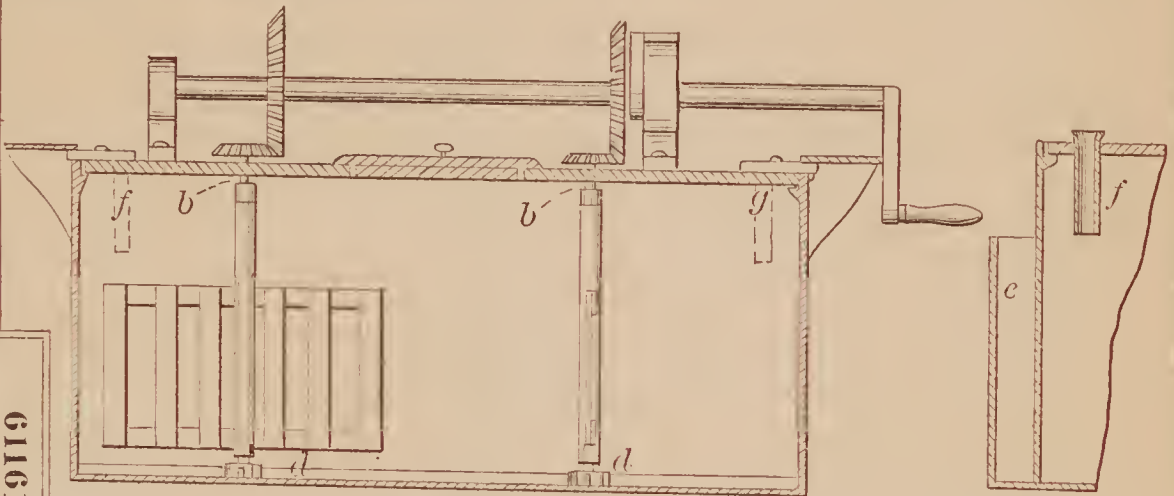
61158—R. Chambers—*Railroad Rail.*



61156—R. M. & D. Cameron—*Pen.*



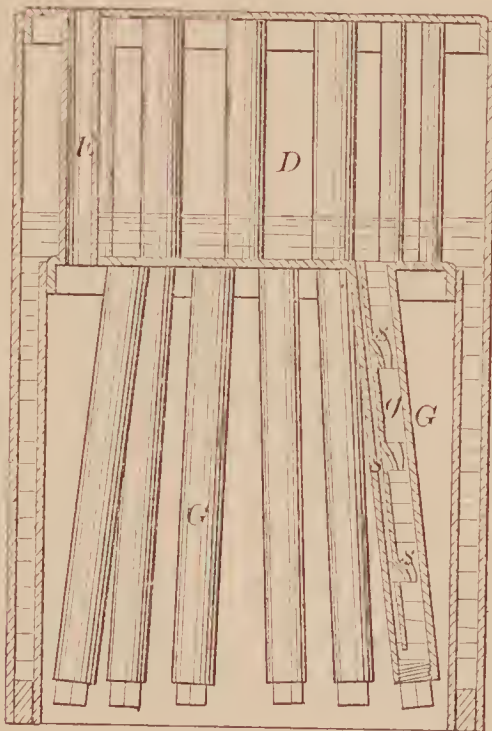
61160—J. M. Chritton—*Churn.*



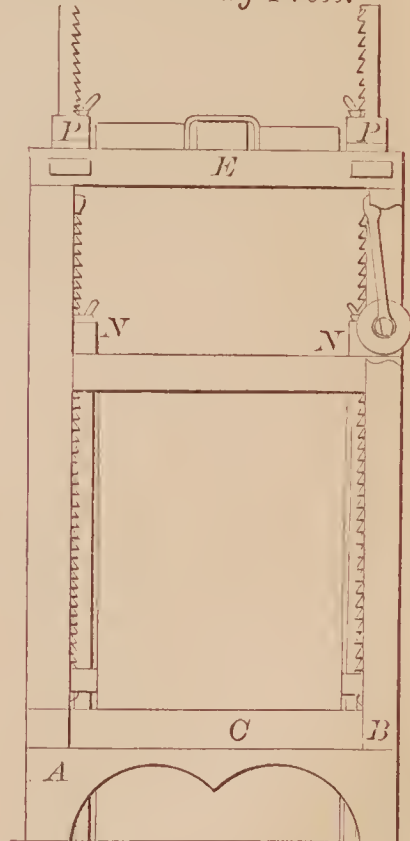
61161—S. O. Church—*Can Opener.*



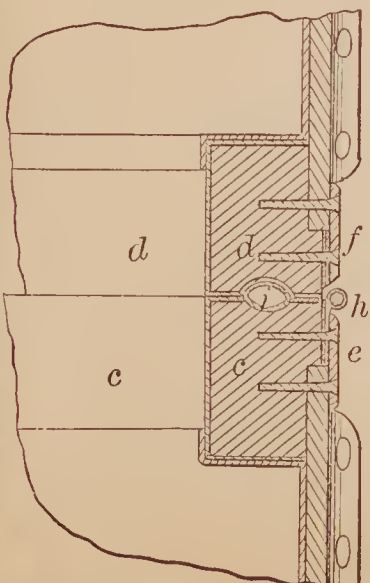
61162—M. R. Clapp—*Steam Generator.*



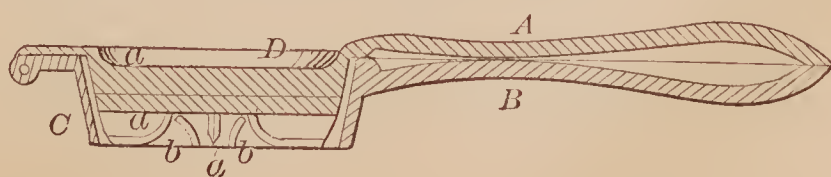
61159—N. Chapman—*Cotton and Hay Press.*

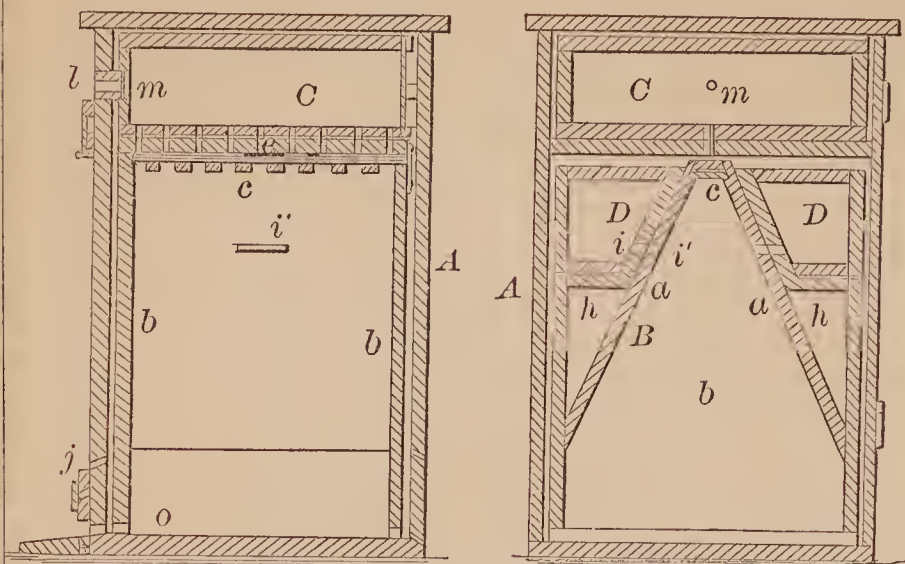
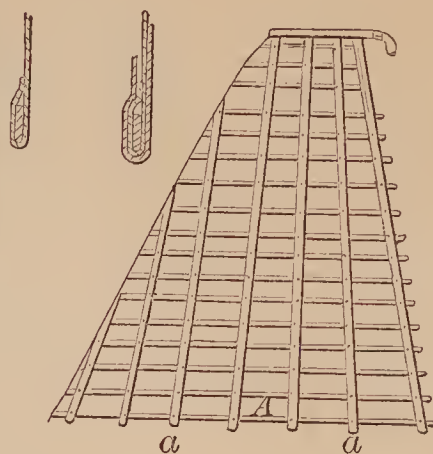
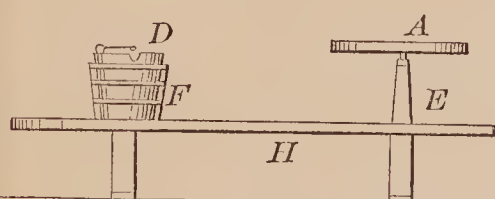
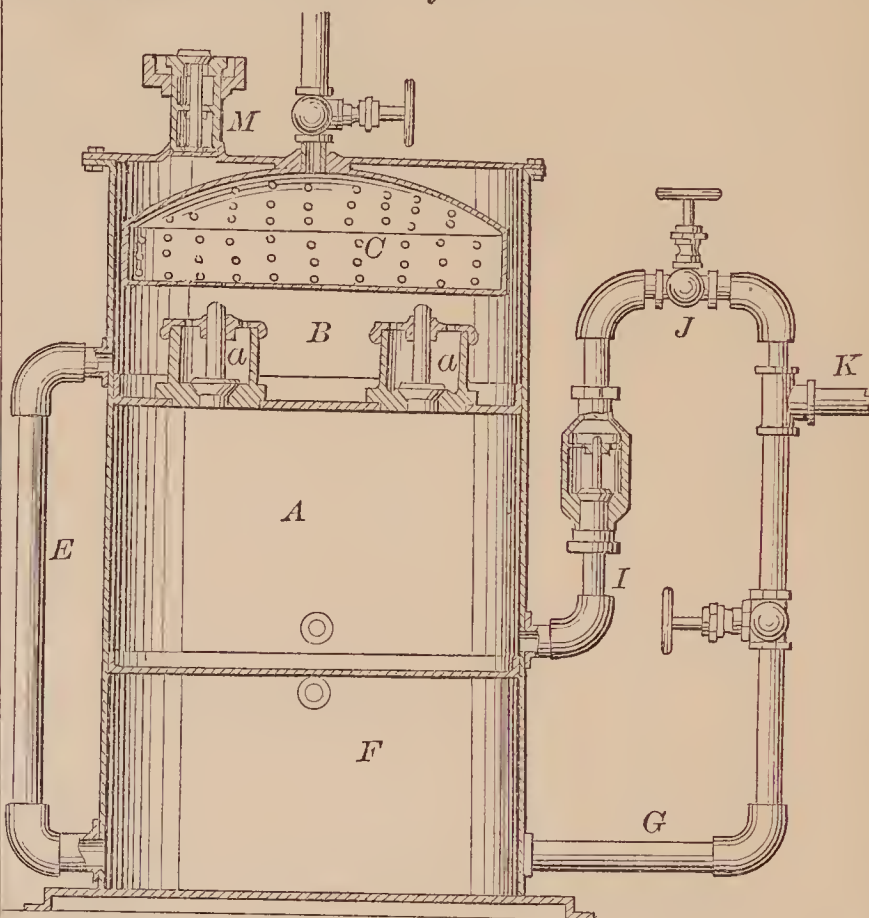
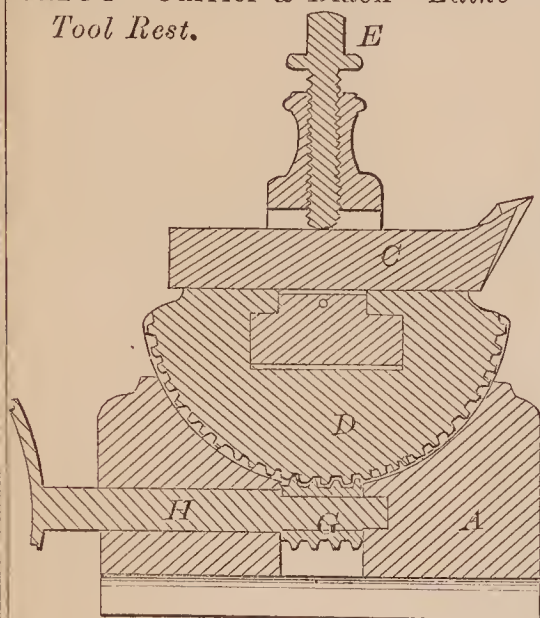
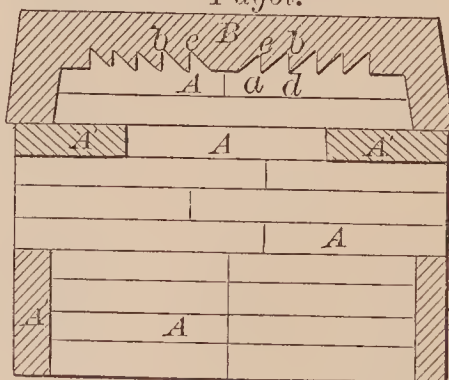
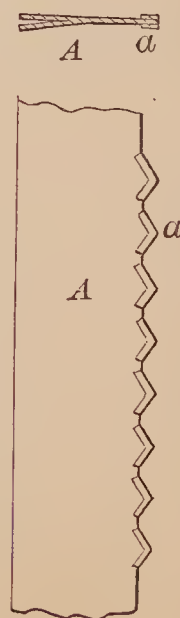
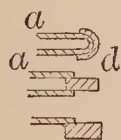
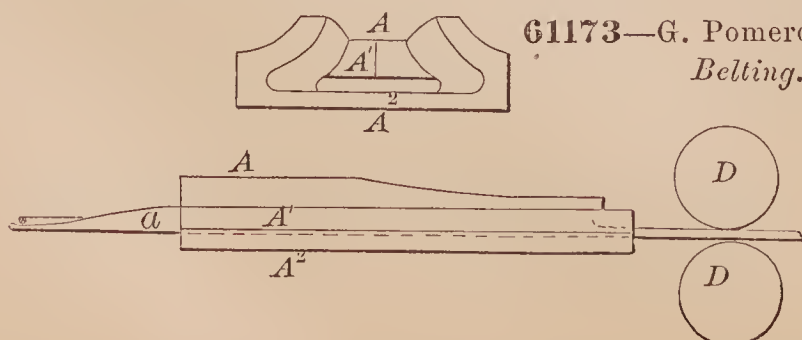


61157—L. Cantel—*Trunk.*

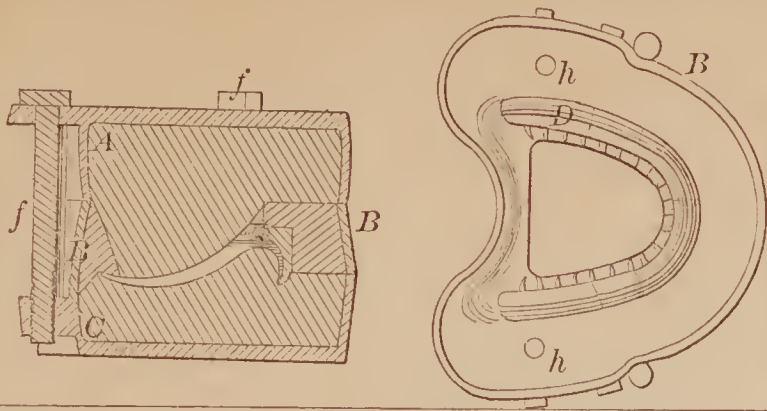


61163—Clarke & Reece—*Cracker Crusher.*

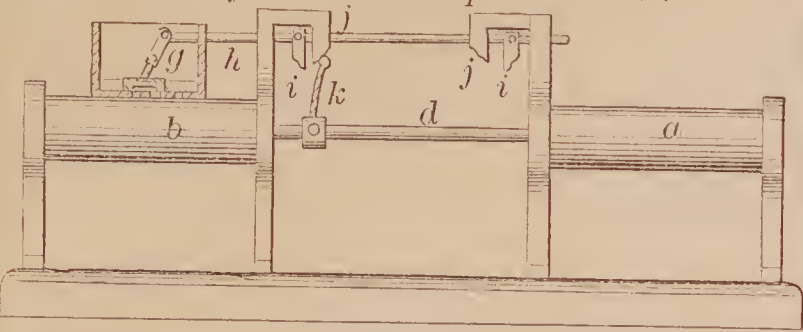


61164—O. Colvin—*Beehive.*61169—T. B. De Forest—*Hoop Skirt.*61165—D. Connor—*Milking Stool.*61167—J. V. F. Datchy—*Jet Condenser.*61166—Currier & Black—*Lathe Tool Rest.*61168—H. Davis—*Railroad Rail Fagot.*61171—T. B. De Forest—*Skirt Binding.*61172—T. B. De Forest—*Skirt Binding.*61170—T. B. De Forest—*Hoop Skirt.*61173—G. Pomeroy—*Rubber Belting.*

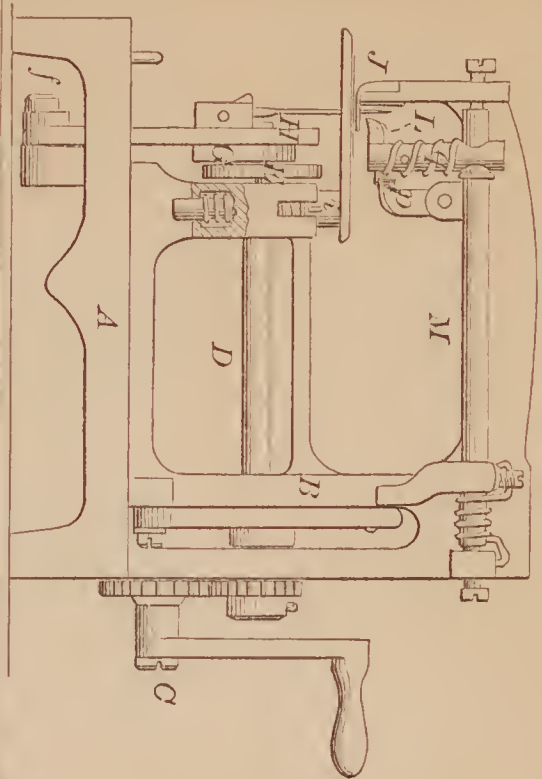
61174—L. W. Dowlin—*Dentist's Vulcanizing Flask.*



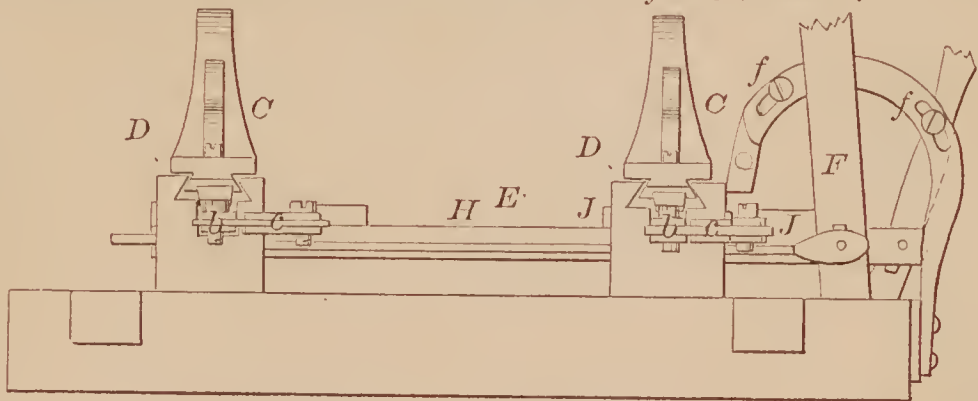
61175—G. Doyle—*Steam Pump Valve Gear.*



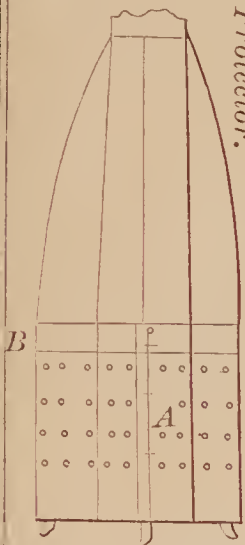
61176—J. C. Driggs—*Sewing Machine.*



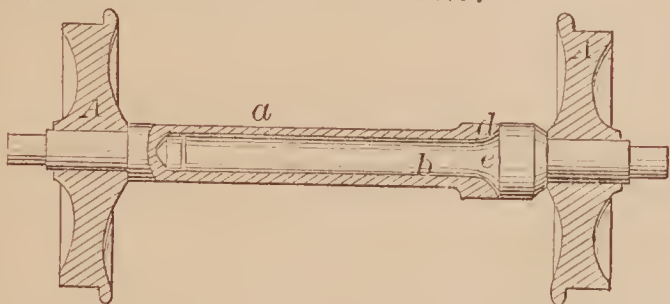
61178—J. W. & W. Ebert—*Head Block for Saw Mills.*



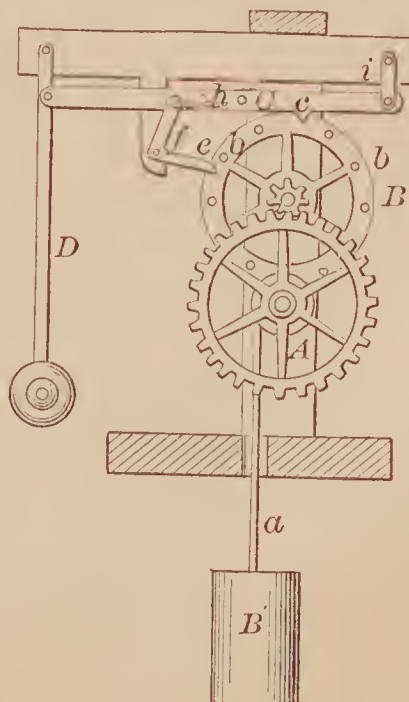
61177—G. W. Dudderar—*Tree Protector.*



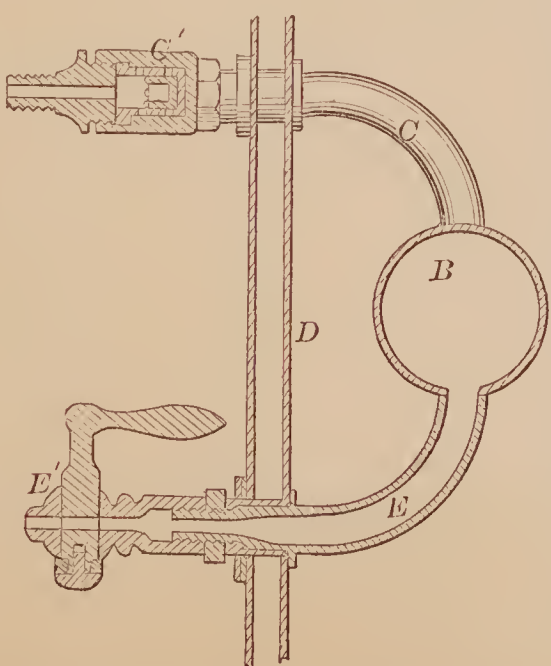
61180—A. E. Elmer—*Car Axle.*

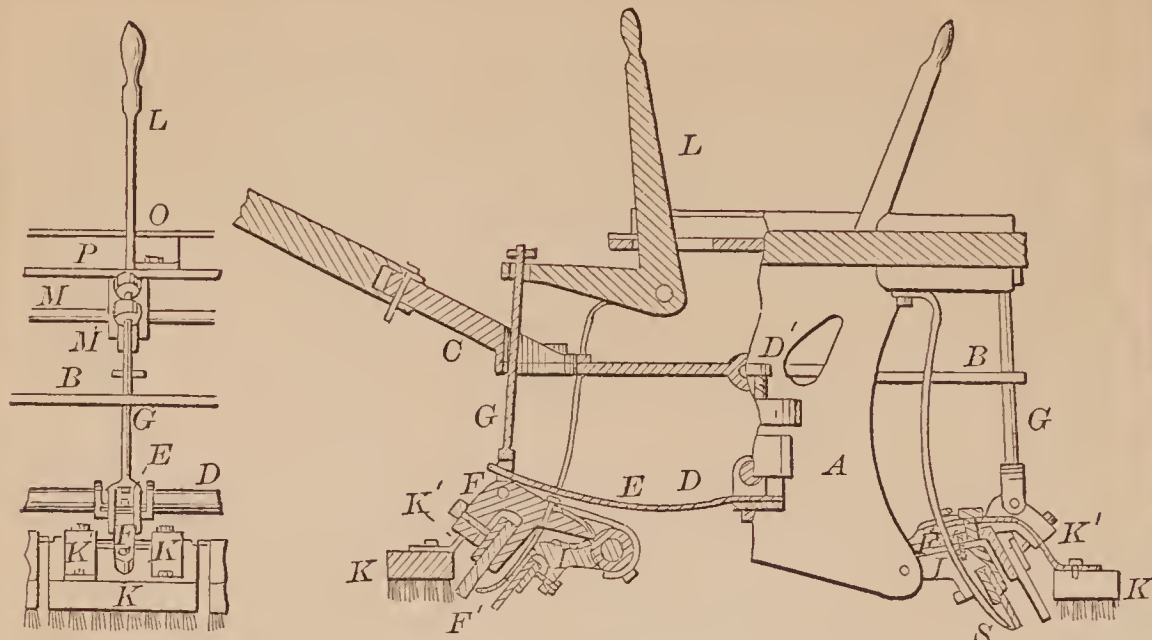
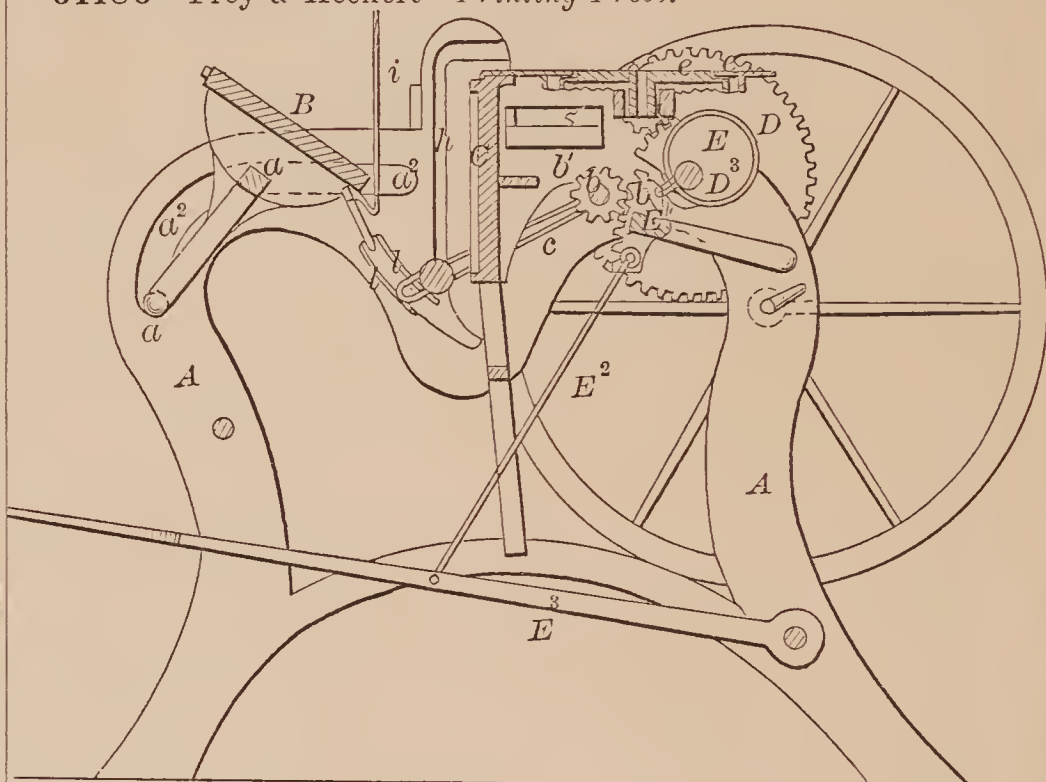
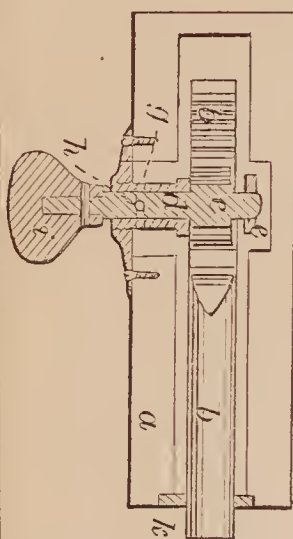
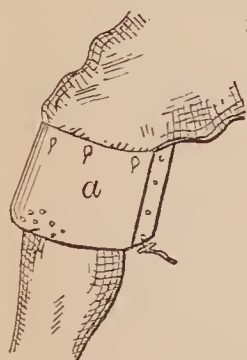
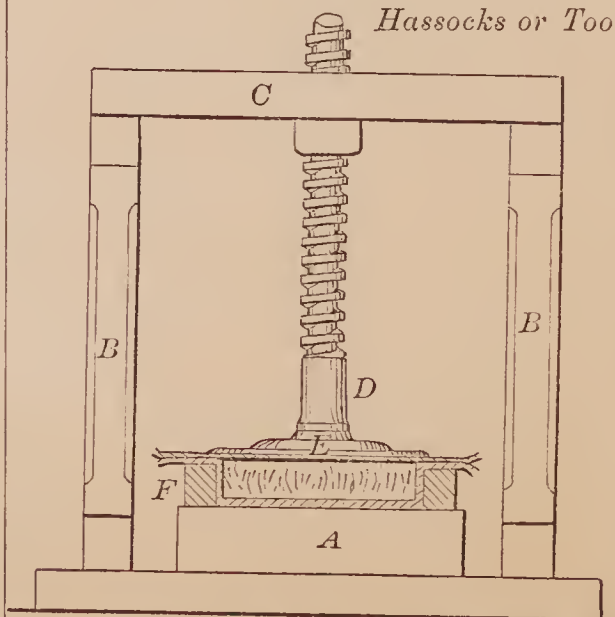
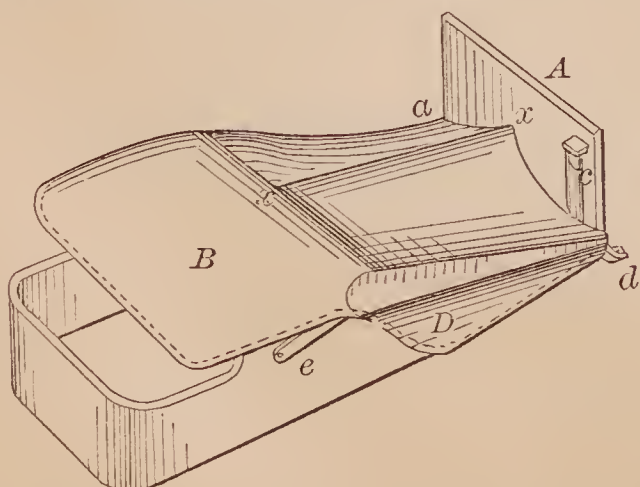


61179—A. Eckert—*Converting Motion.*

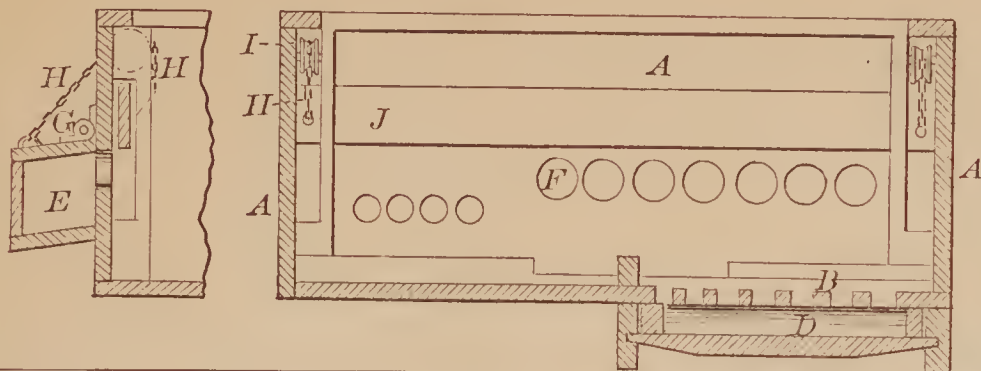


61181—Fish & Hartman—*Steam Generator.*

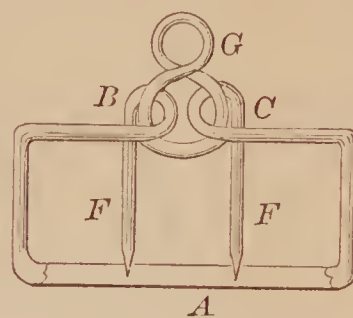


61182—Fitzhenry & Ball—*For Finishing Leather.*61184—L. D. Ford—*Attaching Roofing to Buildings.*61186—Frey & Heckert—*Printing Press.*61185—B. E. Fowler—*Door Bolt.*61187—E. P. Furlong—*Paper Pantilet.*61183—J. G. Flagg—*For Forming Hassoeks or Tools.*61188—P. T. Gates—*Carriage Boot.*

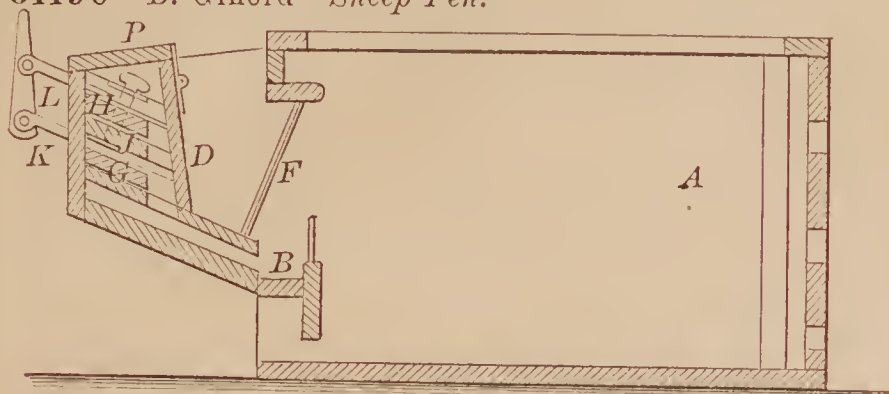
61189—B. Gifford—*Hog Pen.*



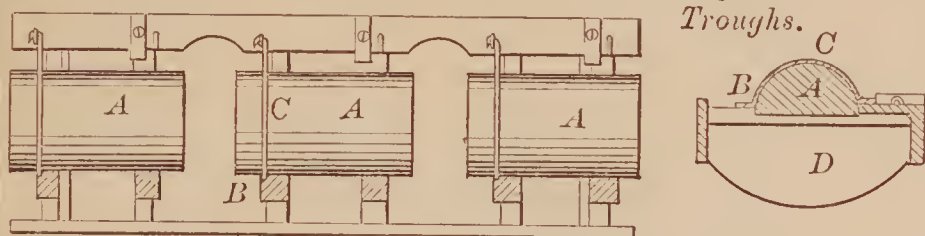
61192—J. B. Hawley—*Buckle.*



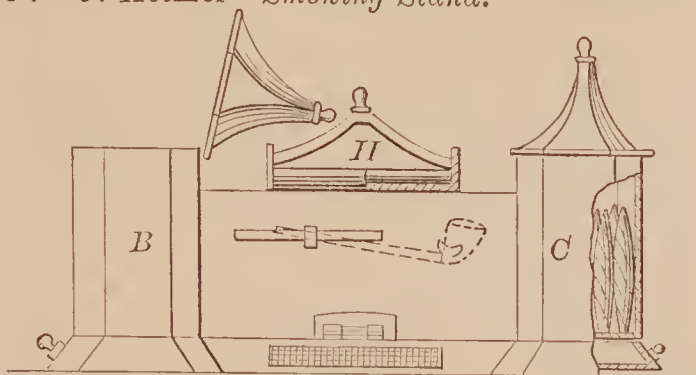
61190—B. Gifford—*Sheep Pen.*



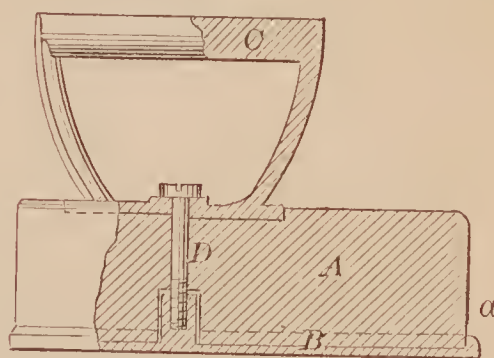
61191—Hatten & Angleberger—*For Soldering Eaves Troughs.*



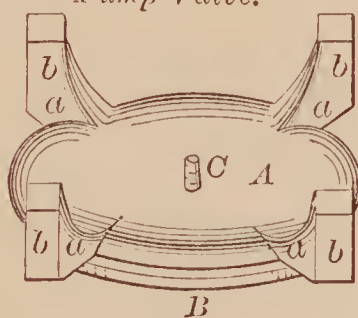
61197—J. Holmes—*Smoking Stand.*



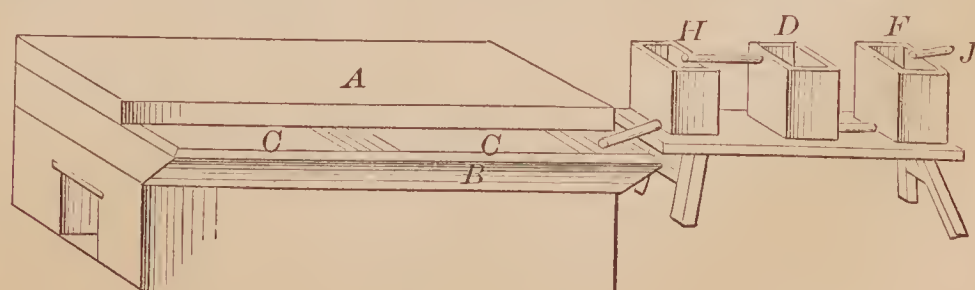
61198—P. B. Hood—*Sad Iron.*



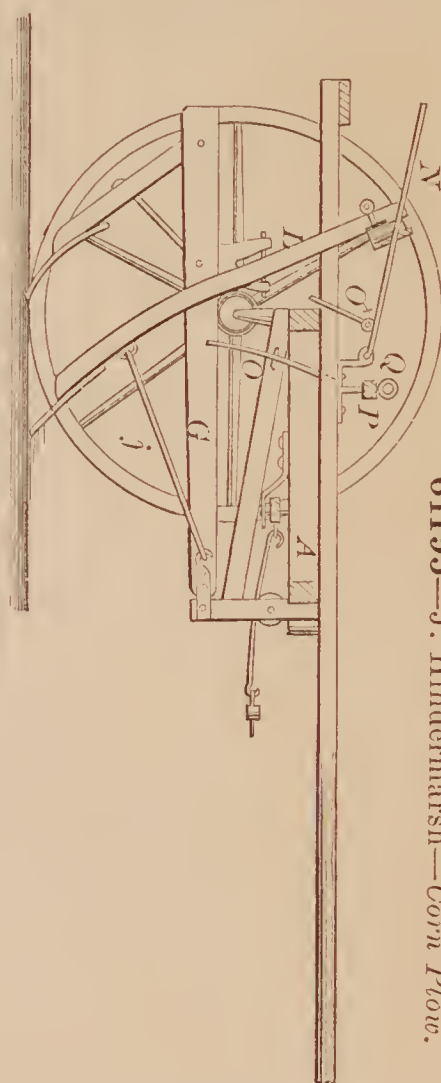
61199—W. D. Hooker—*Pump Valve.*



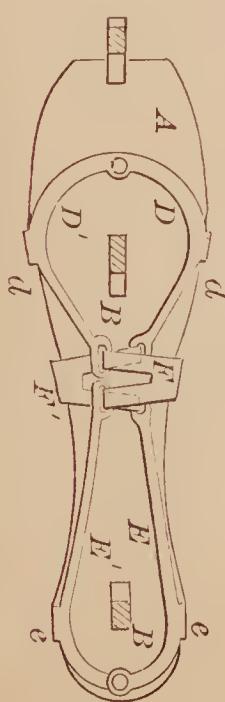
61200—J. R. Hopkins—*Filtering, &c., of Saccharine Liquids.*

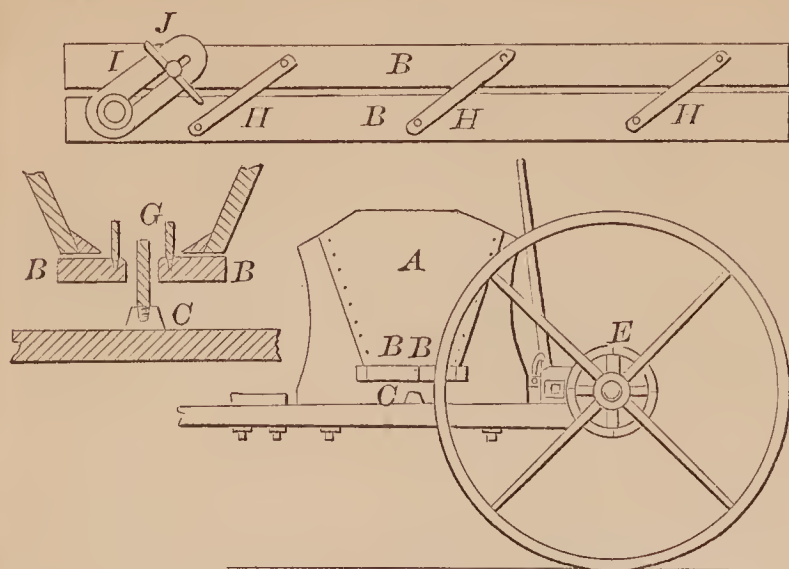
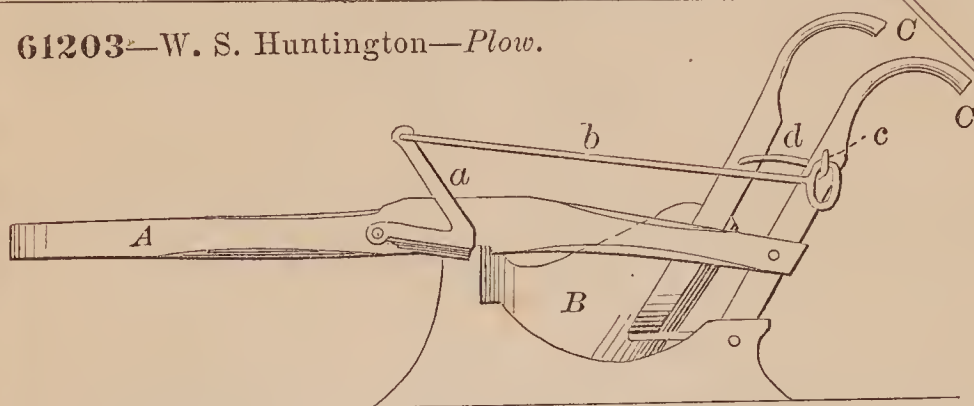
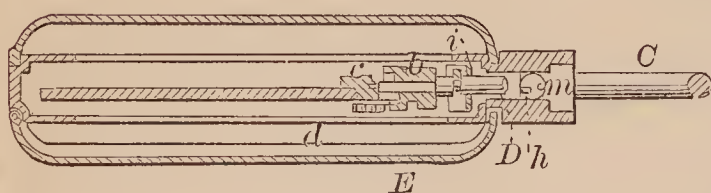
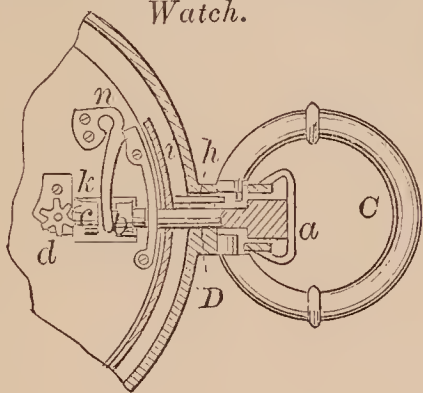
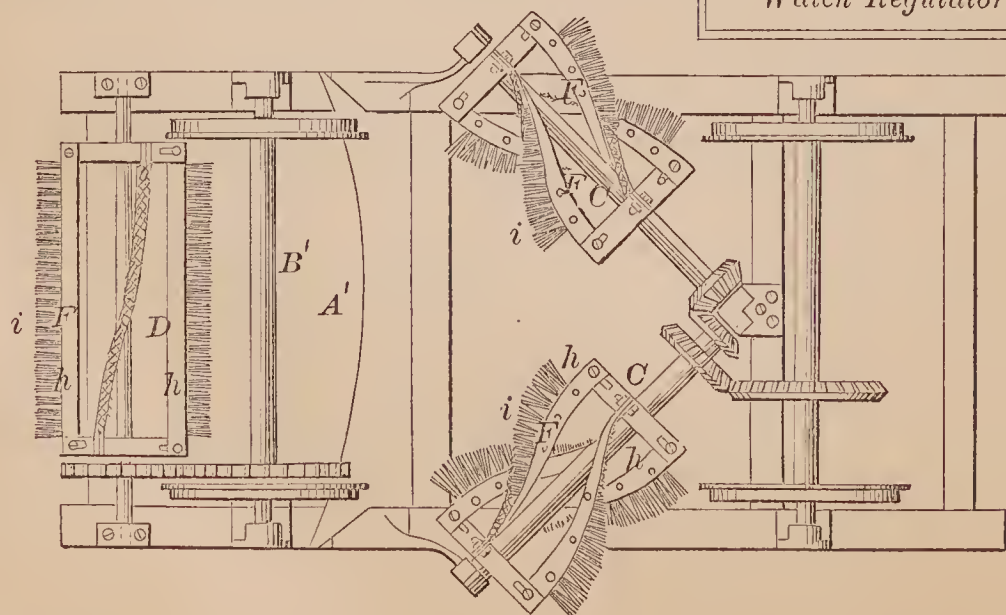
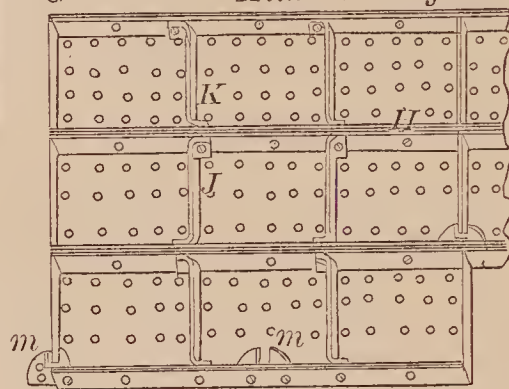


61195—J. Hindmarsh—*Corn Plow.*



61193—W. W. Hendricks—*Skate.*



61201—B. F. Horton—*Seeding Machine.*61203—W. S. Huntington—*Plow.*61207—J. Jürgensen—*Stem Setting Watch.*61205—A. S. Jimmerson—*Sweeping Machine.*61202—Hughes & Adams—*Malt Kiln Flooring.*

61204—J. L. Hyde—

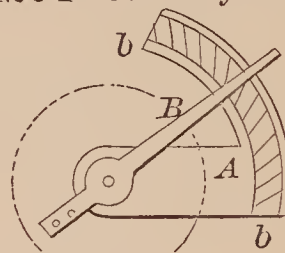
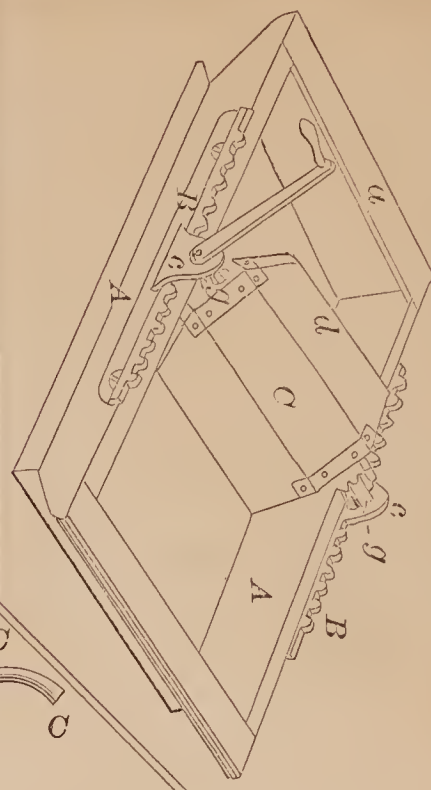
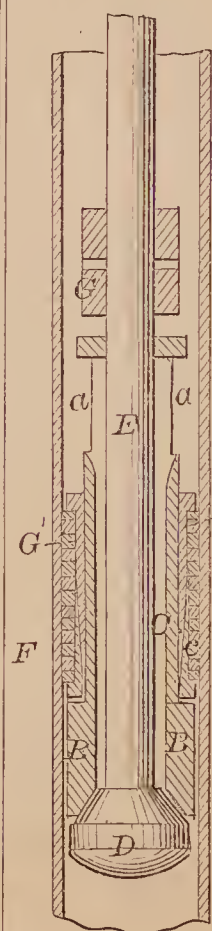
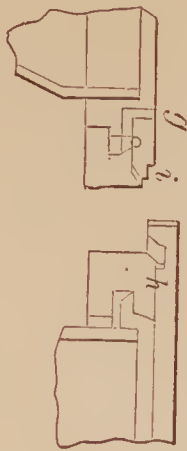
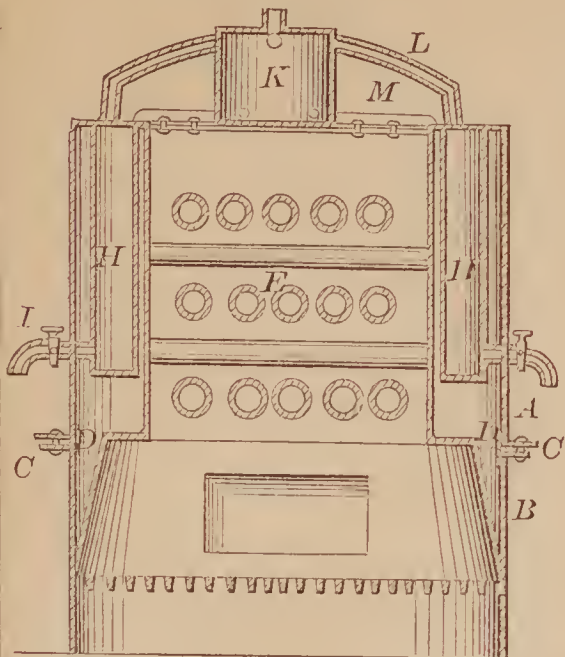
*Watch Regulator.*61206—H. P. Jones—*Dough Kneader.*

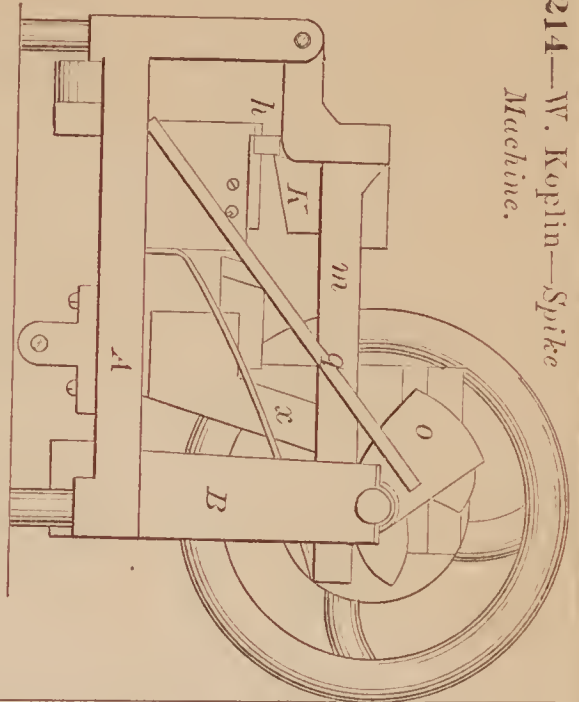
Fig. 2

61208—A. C. Kasson—*Auger.*61209—W. S. Kelly—*Pump.*

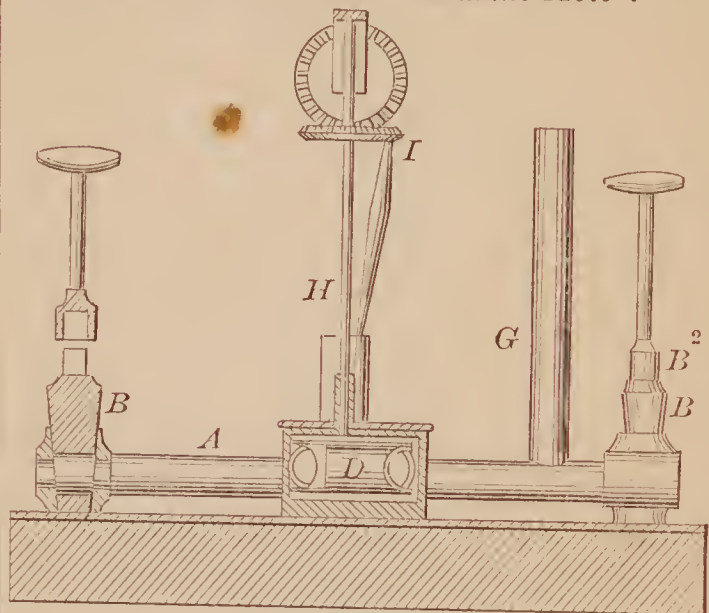
61210—M. C. Kilgore—*Steam Generator.*



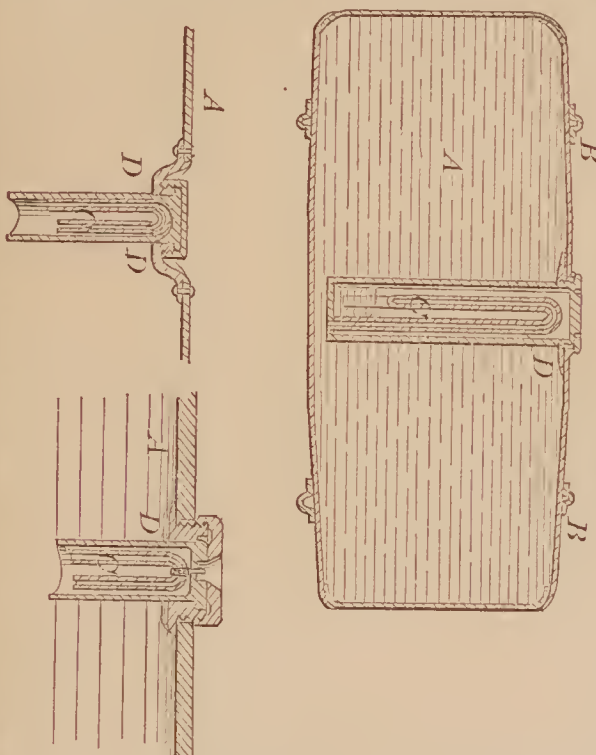
61214—W. Koplin—*Spike Machine.*



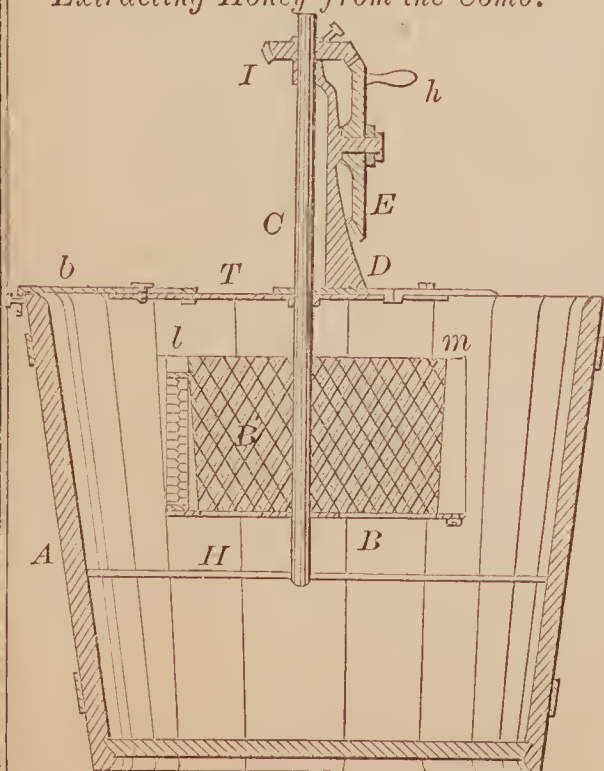
61211—W. P. Kirkland—*Marine Motor.*



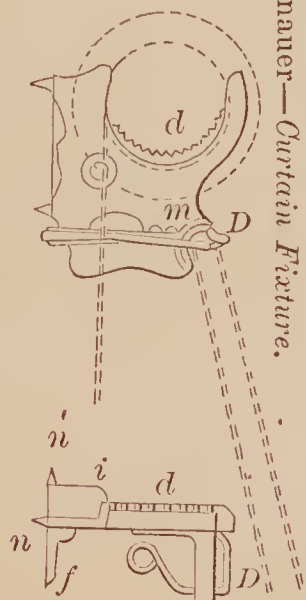
61213—E. H. Knight—*Oil Tank, &c.*



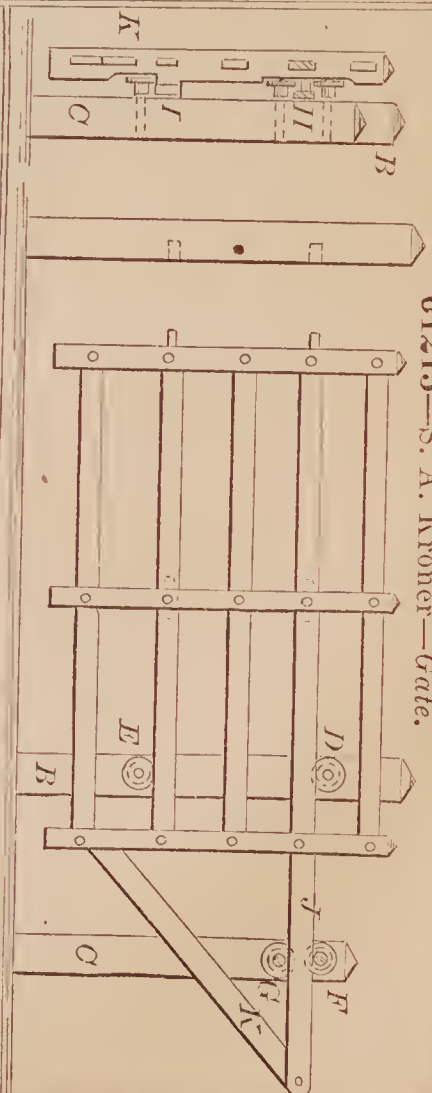
61216—Langstroth & Wagner—*For Extracting Honey from the Comb.*



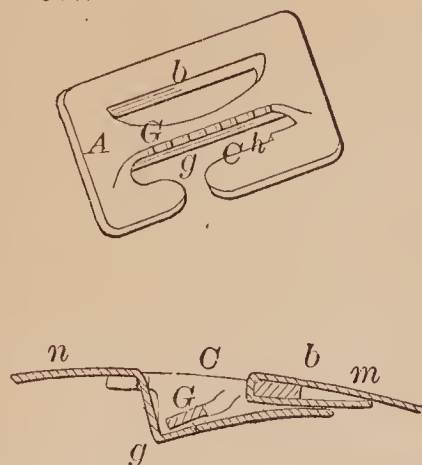
61212—C. F. Knauer—*Curtain Fixture.*



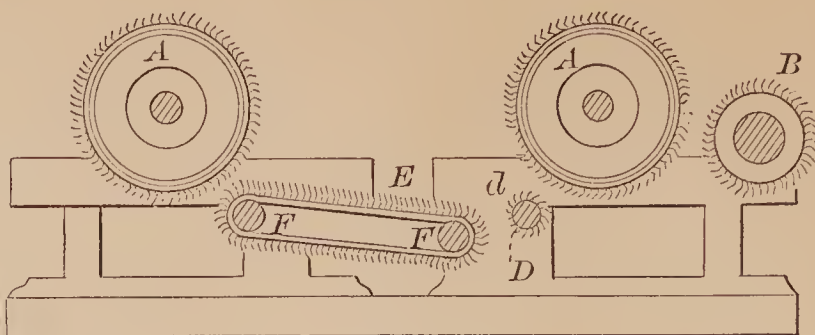
61215—S. A. Kroner—*Gate.*



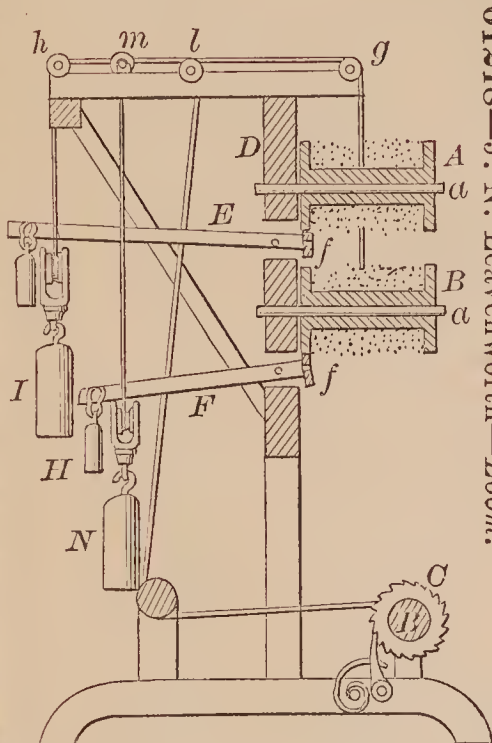
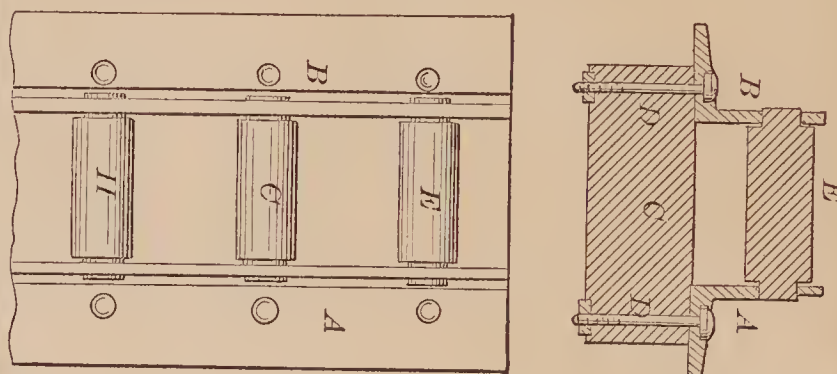
61217—R. G. Lattling—*Cotton Bale Tie.*



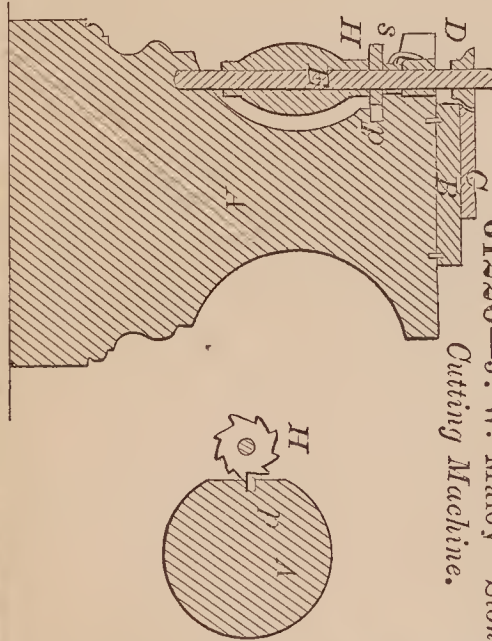
61219—R. W. Lewis—*Carding Machine.*



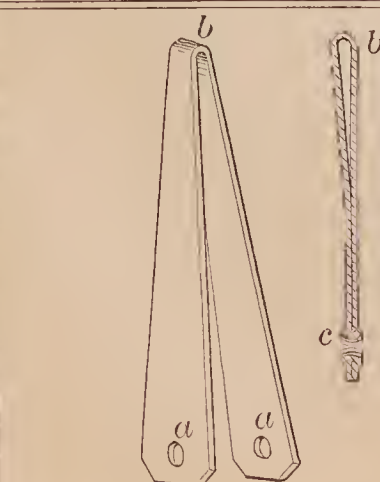
61221—S. Marsh—*Railroad Cog Rail.*



61218—J. N. Leavenworth—*Loom.*

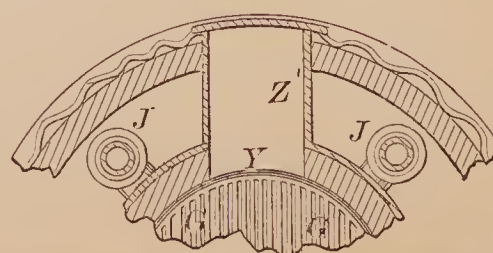
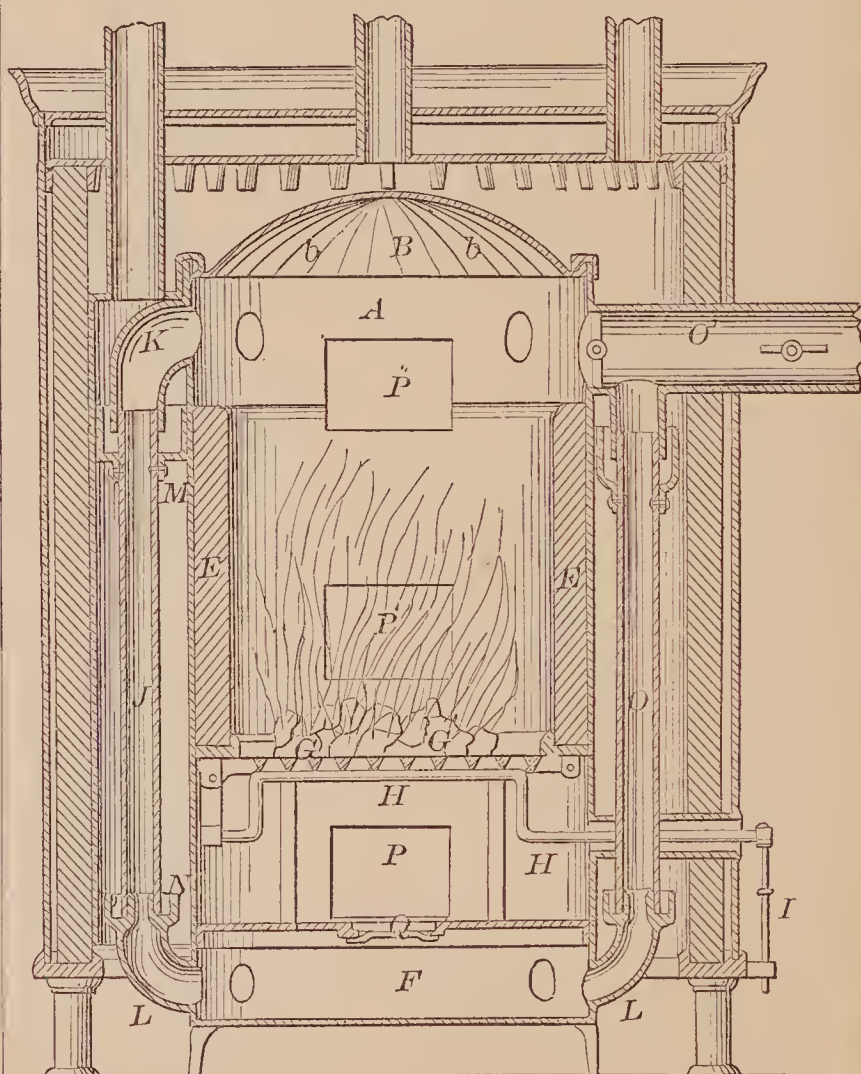


61220—J. W. Maloy—*Stone Cutting Machine.*

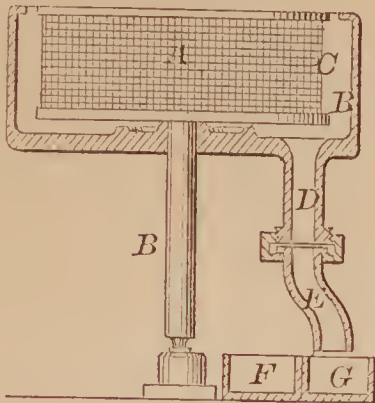


61222—H. Martin—*Railroad Car Seat.*

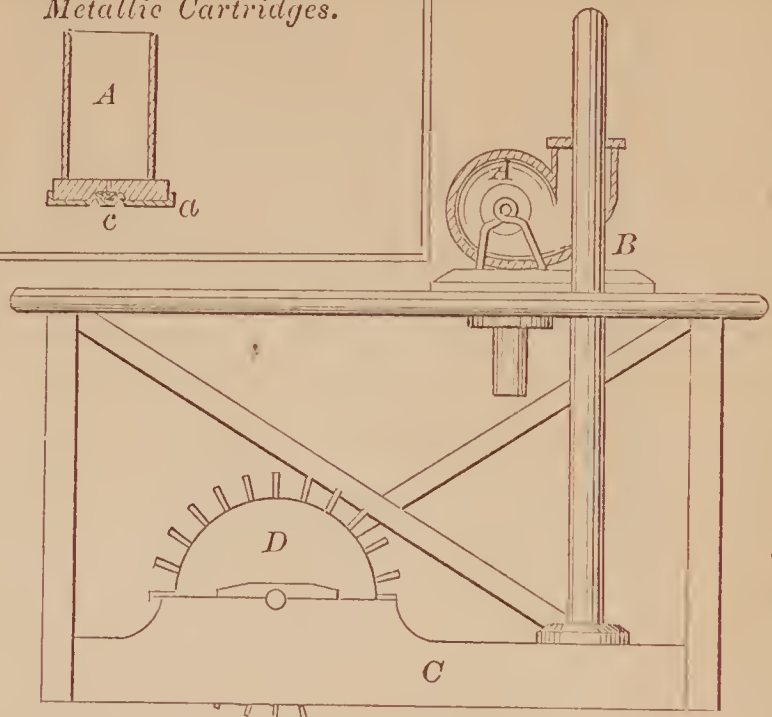
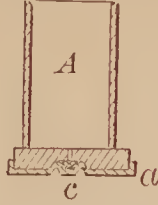
61223—P. Martin—*Hot Air Furnace.*



61224—F. O. Matthiessen—*Sugar Manufacture.*

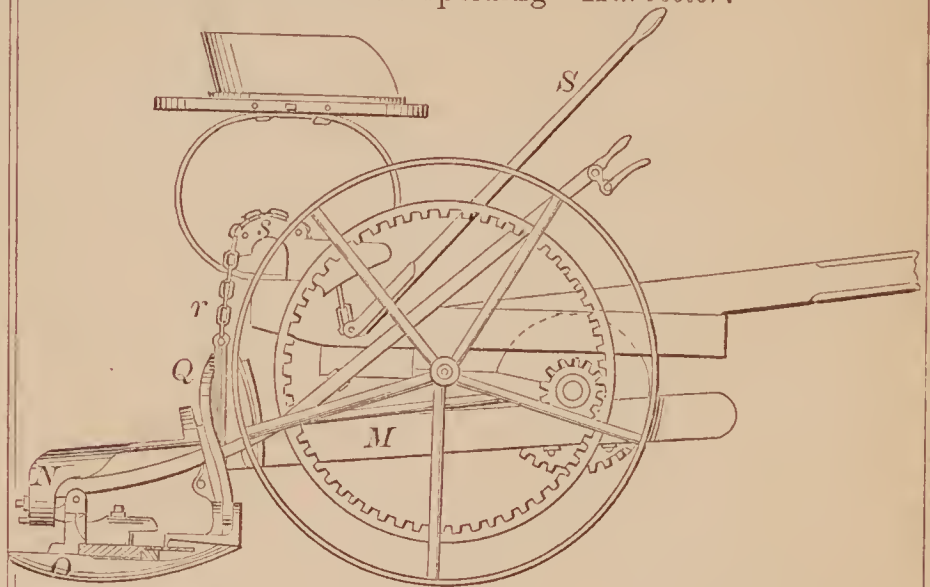


61225—E. Maynard—*Priming Metallic Cartridges.*

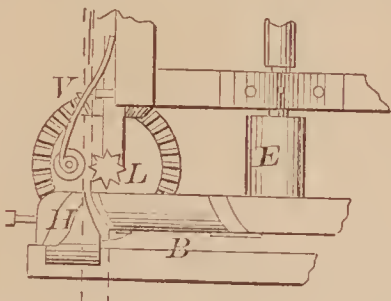
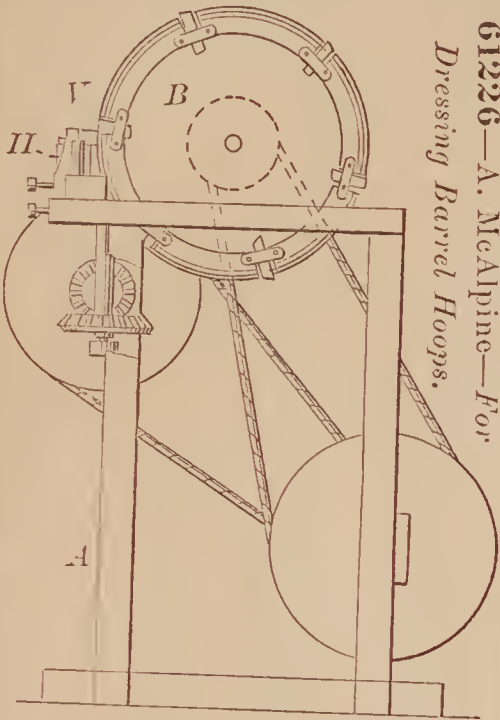


61227—McClintock & Scott—*Dredging Machine.*

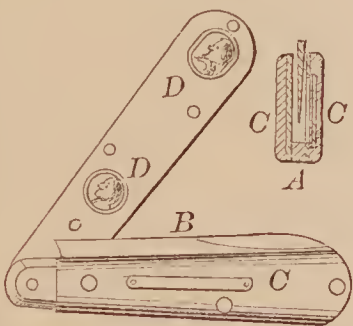
61228—McCormick & Erpelding—*Harvester.*



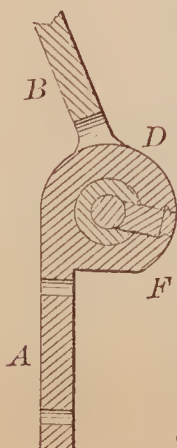
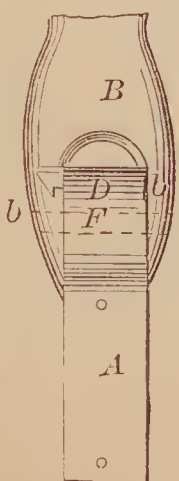
61226—A. McAlpine—*For Dressing Barrel Hoops.*



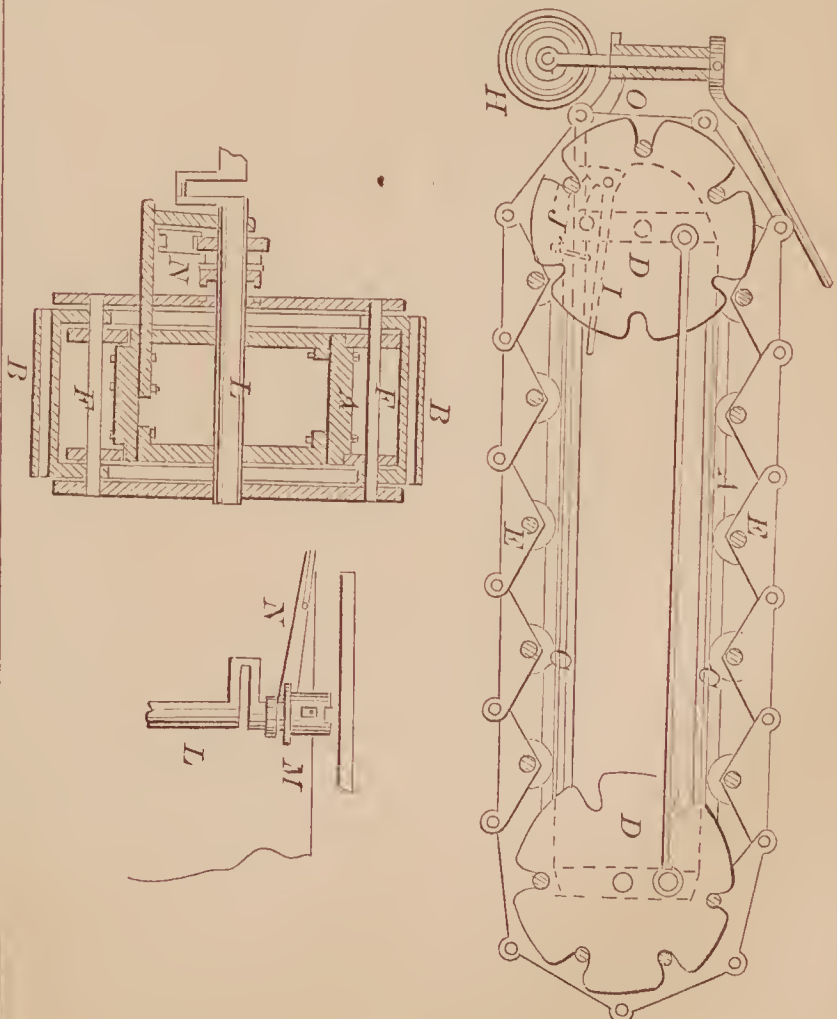
61229—R. B. Milliken—*Pocket Knife.*



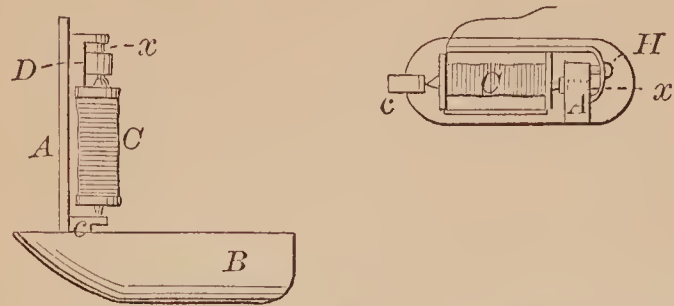
61230—S. Mills—*Thill Coupling.*



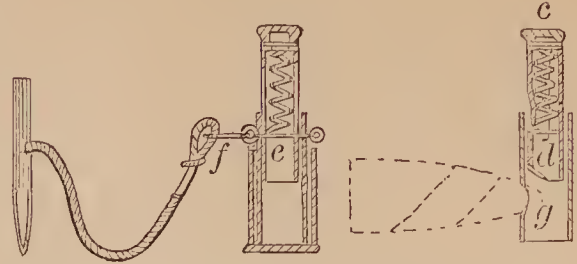
61231—T. S. Minniss—*Locomotive for Plowing, &c.*



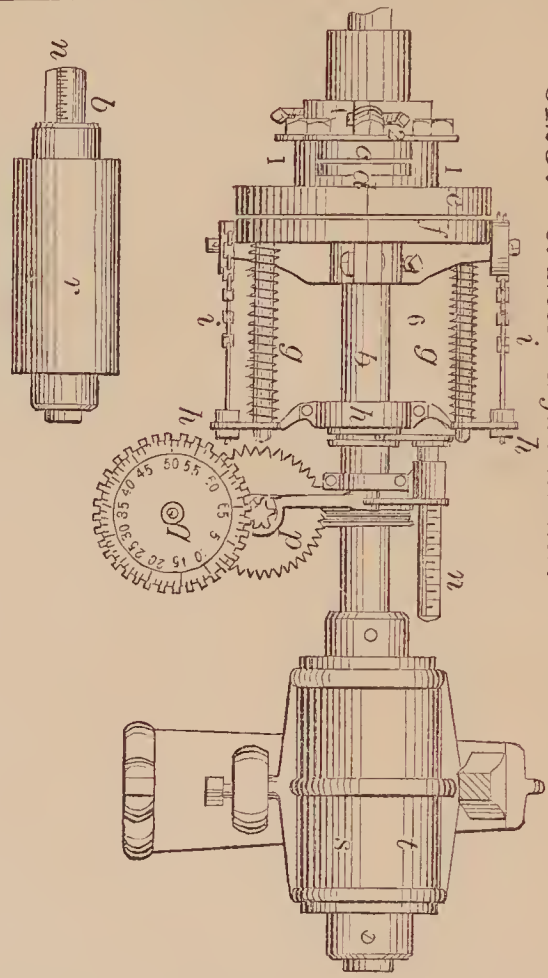
61232—S. Moulton—Sewing Machine Shuttle.



61234—Myers & Hill—Apparatus for Smokers.



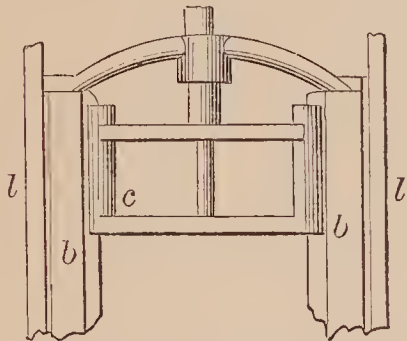
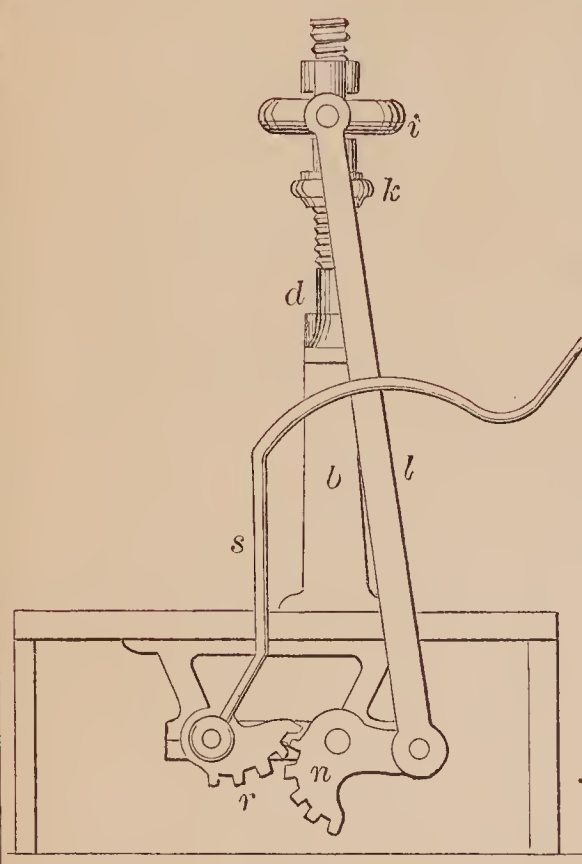
61237—C. Neer—Dynamometer.



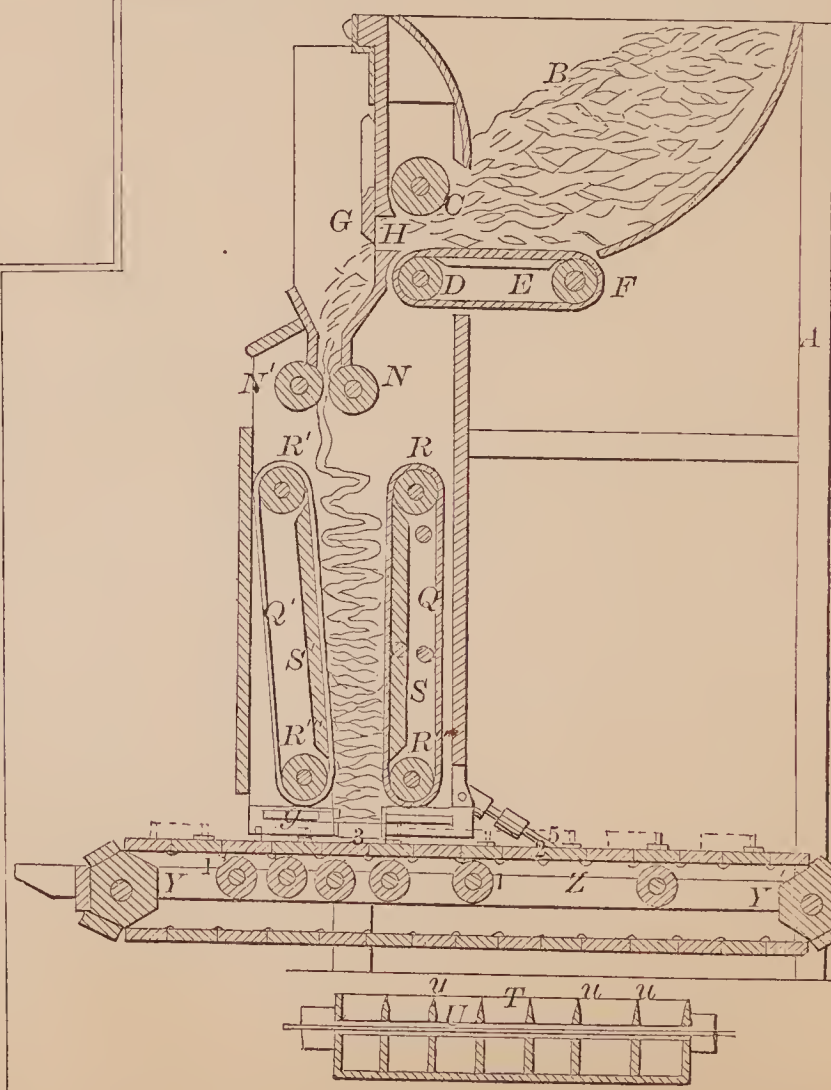
61236—A. F. Nathan—Skirt Elevator.



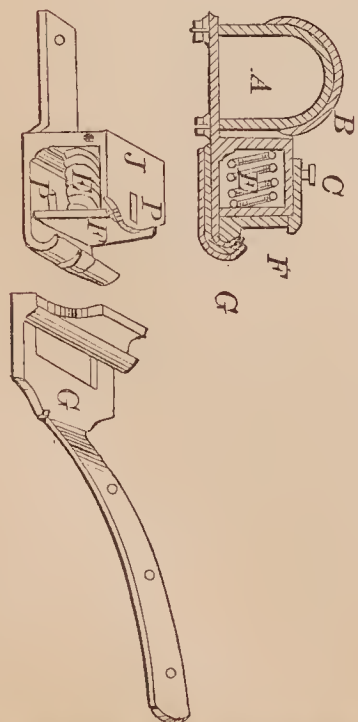
61233—J. Myers—Glass Ware Press.



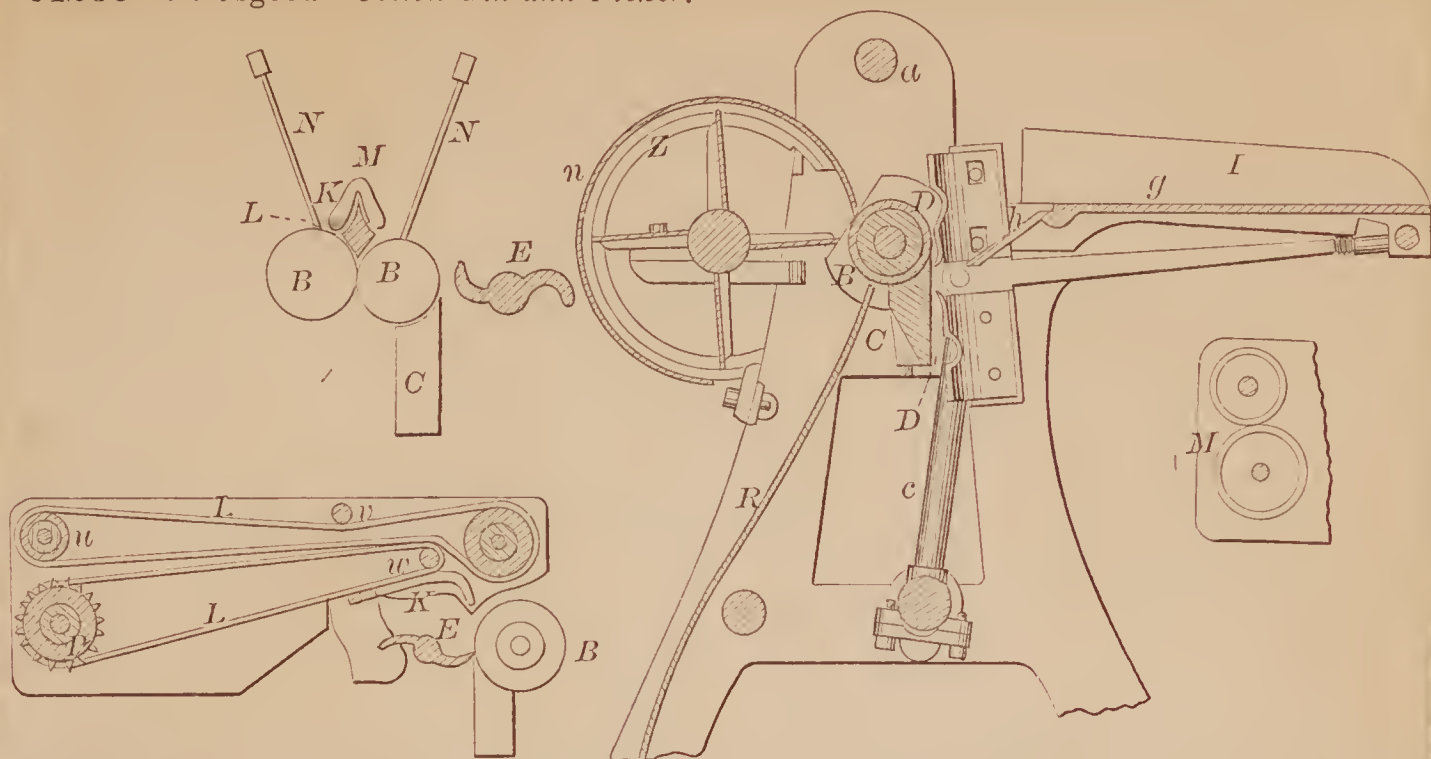
61238—Nulsen, Hancock & Wagner—Brick Machine.



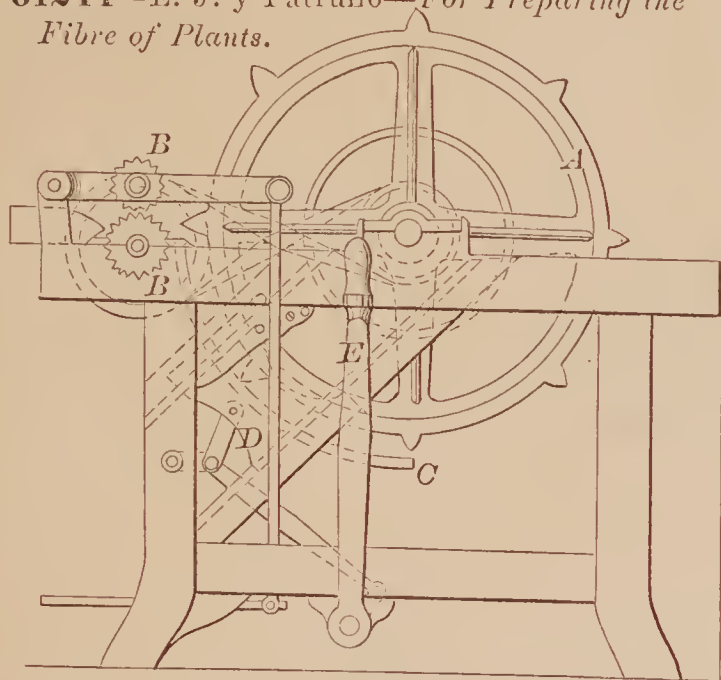
61235—P. Myers—Thill Coupling.



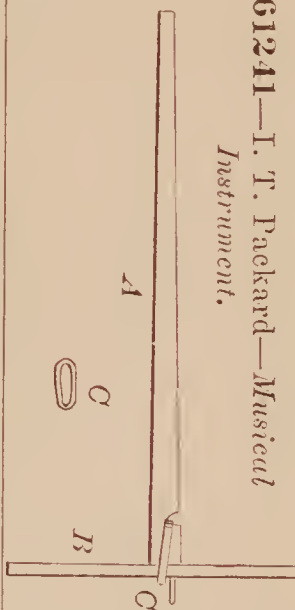
61239—E. Osgood—*Cotton Gin and Picker.*



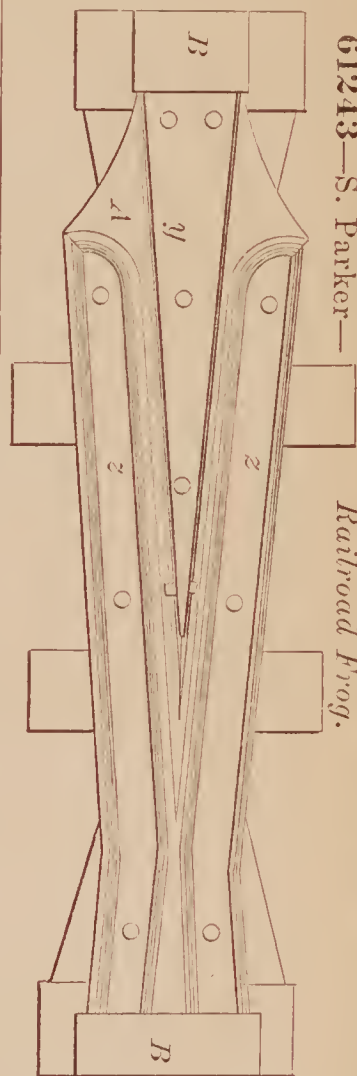
61244—E. J. y Patruillo—*For Preparing the Fibre of Plants.*



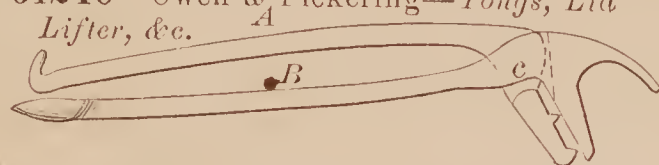
61241—I. T. Packard—*Musical Instrument.*



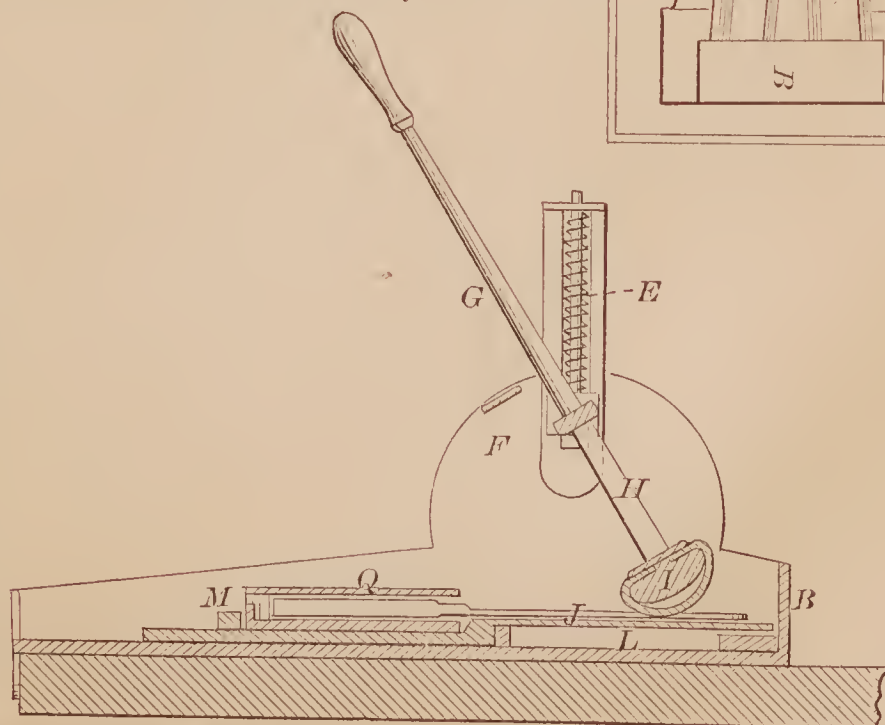
61243—S. Parker—*Railroad Frog.*



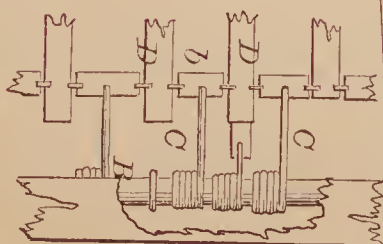
61240—Owen & Pickering—*Tongs, Lid Lifter, &c.*

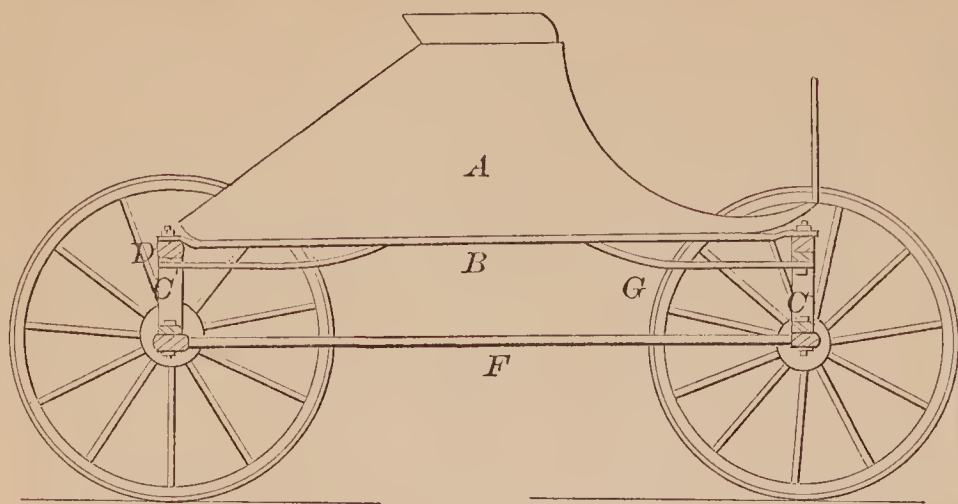
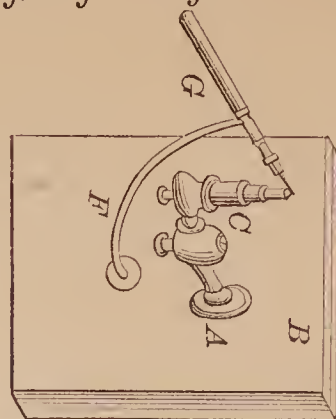
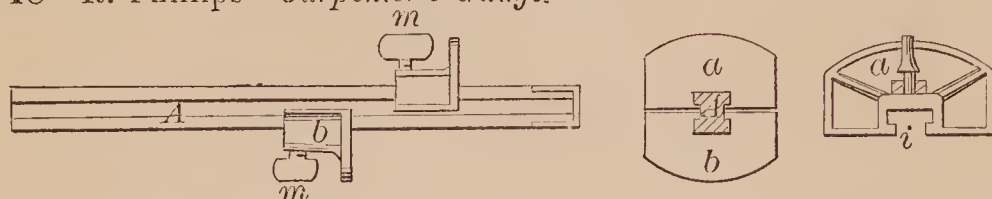
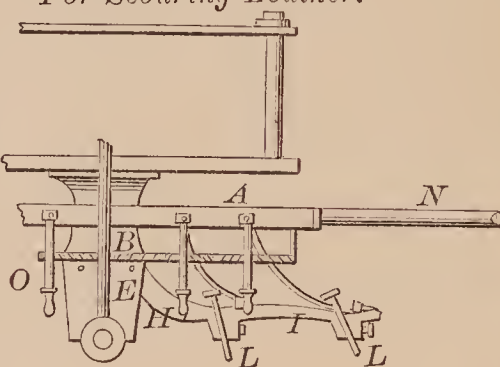
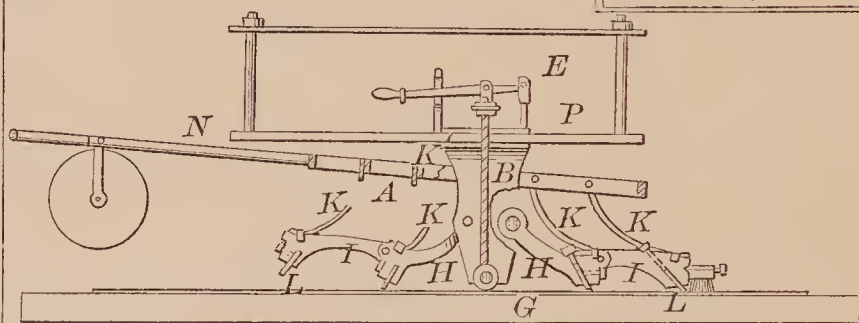
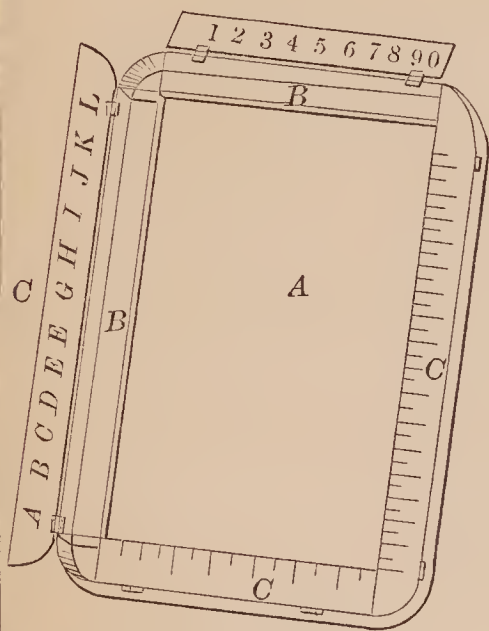
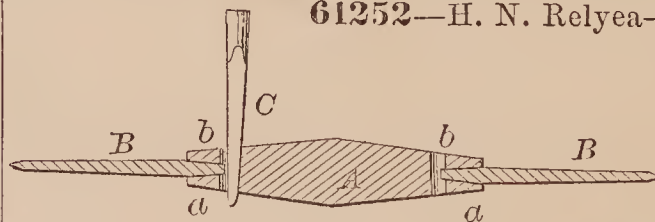
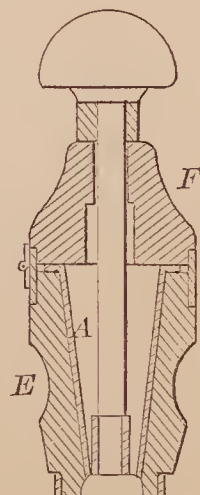
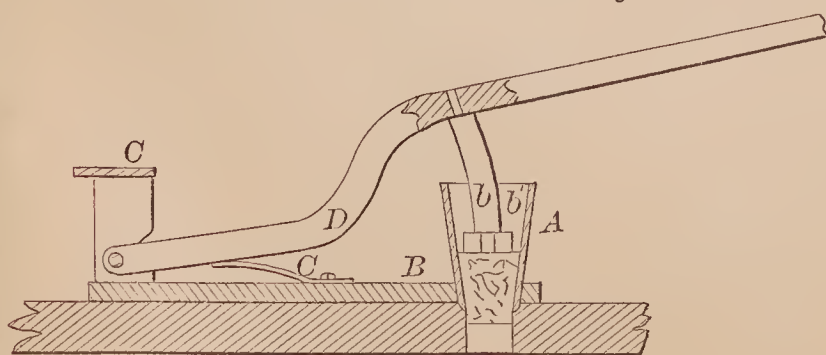
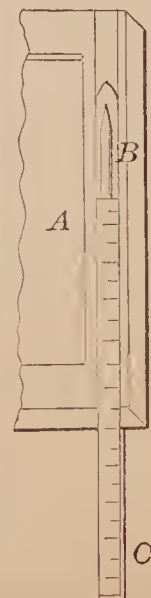


61245—R. R. Pattison—*Knife Cleaner.*

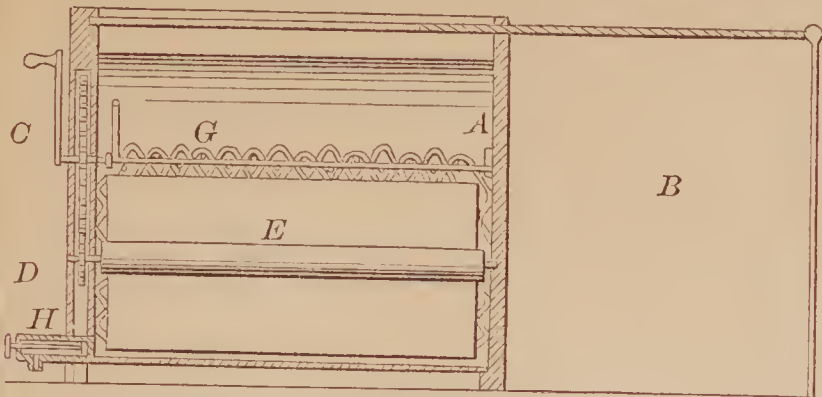


61242—H. H. Palmer—*Bed Bottom.*

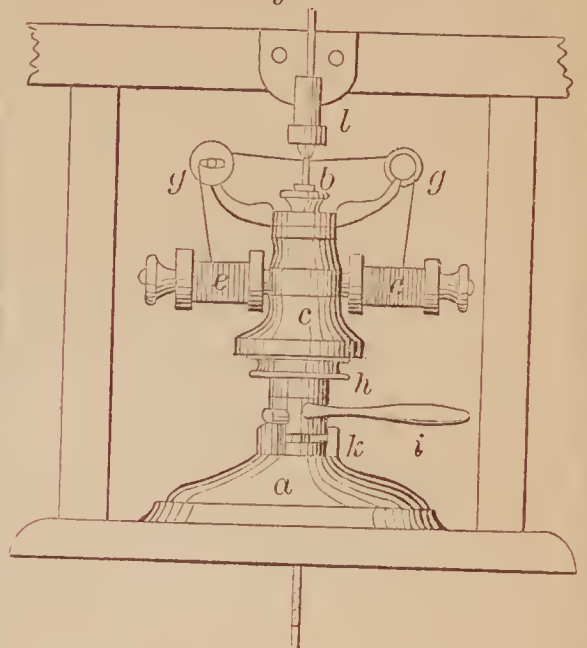


61246—J. B. Pelton—*Carriage Brace.***61247**—G. G. Percival—*Lighting Gas by Electricity.***61248**—R. Phillips—*Carpenter's Gauge.***61249**—D. A. Porter—*Scissors Sharpener.***61250**—Pray & Fitzhenry—*For Scouring Leather.***61254**—W. J. Rhees—*Slate Frame.***61252**—H. N. Relyea—*Mill Pick.***61255**—Rheiner & Wolff—*For Inserting Corks.***61253**—W. J. Rhees—*Frame for Artificial Slate.*

61256—G. Richards—*Dish Washing Machine.*



61261—W. H. Rodgers—*For Covering Wire.*



61260—J. B. Ripson—*Whiffletree Attachment to Plows.*

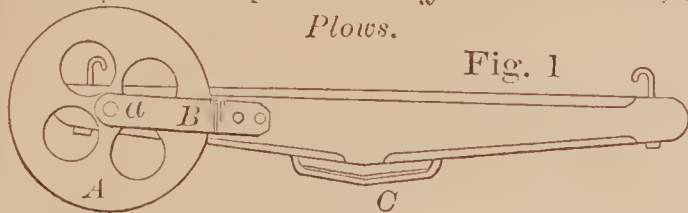


Fig. 1

61258—J. W. Richardson—*Harrow.*

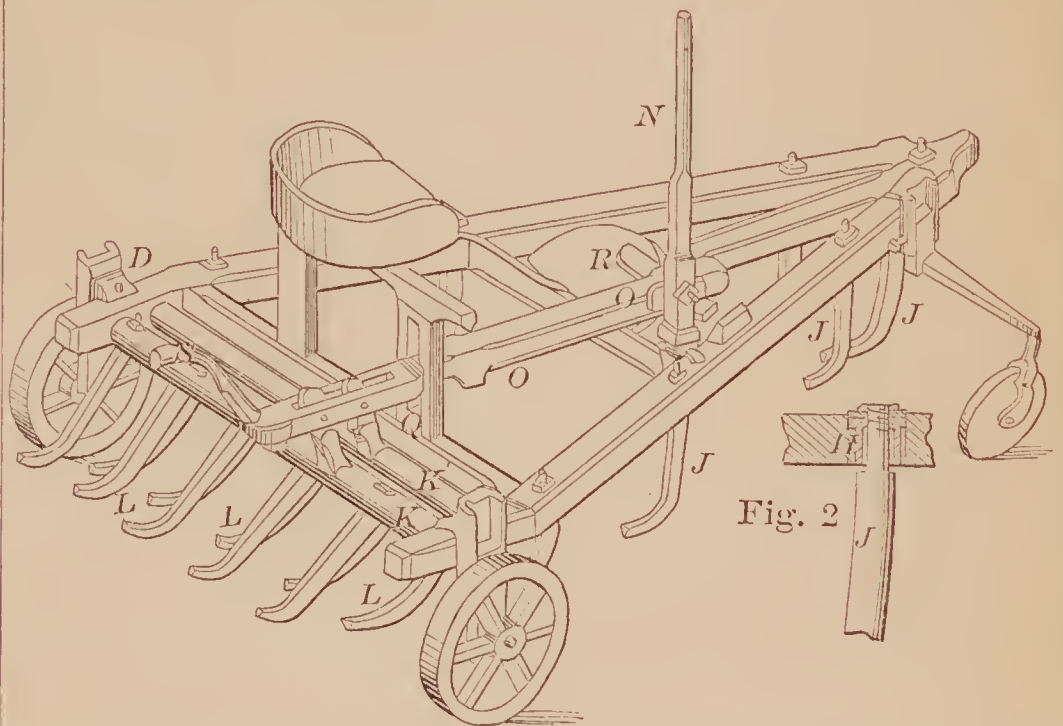
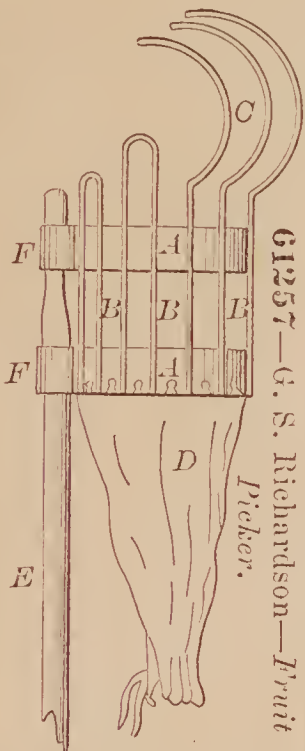
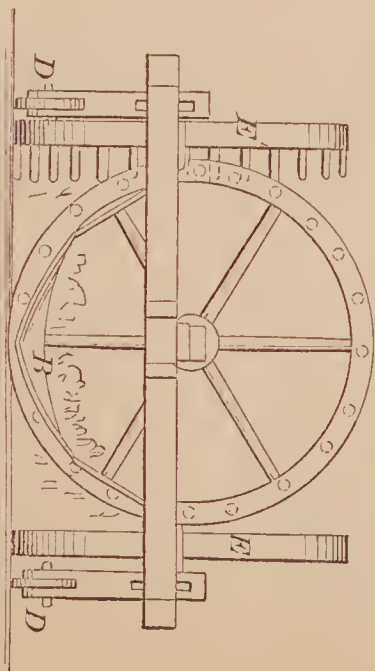


Fig. 2

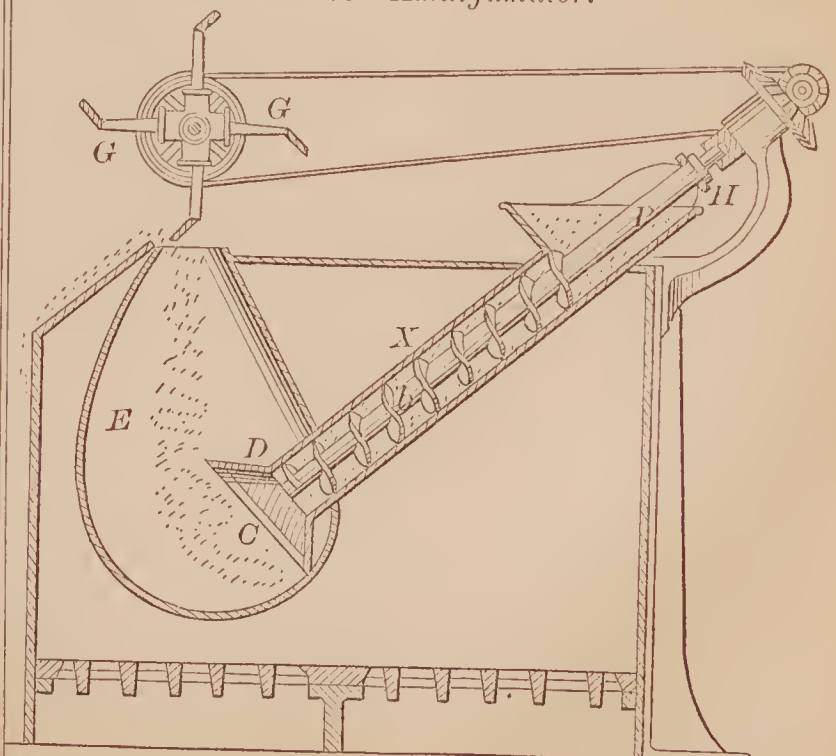
61257—G. S. Richardson—*Fruit Picker.*

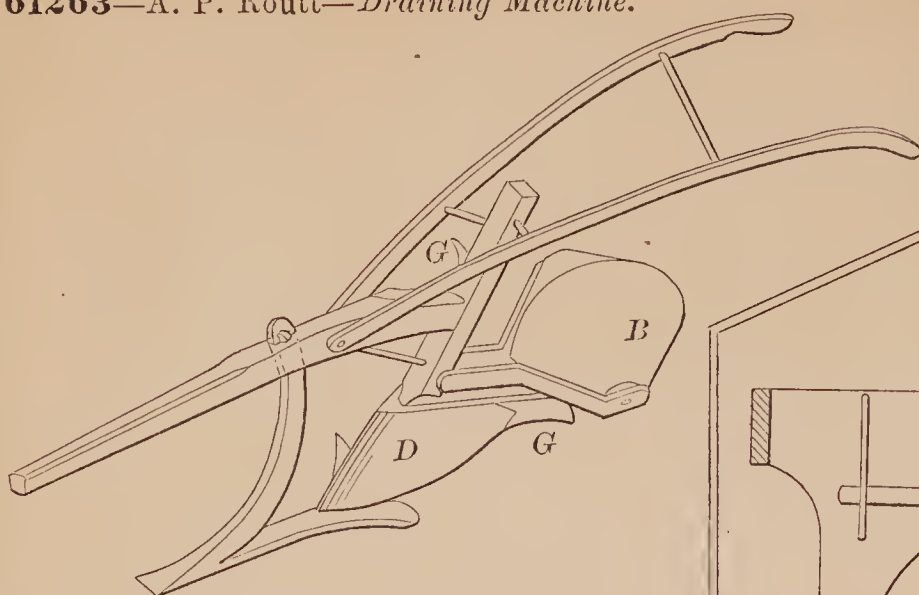
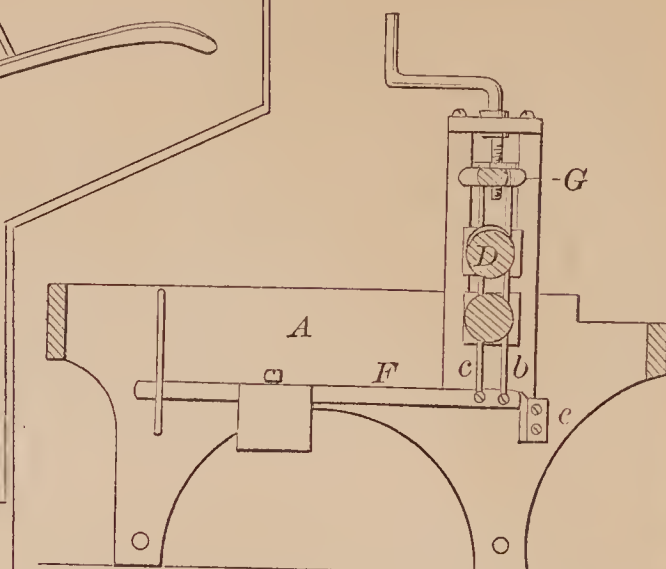
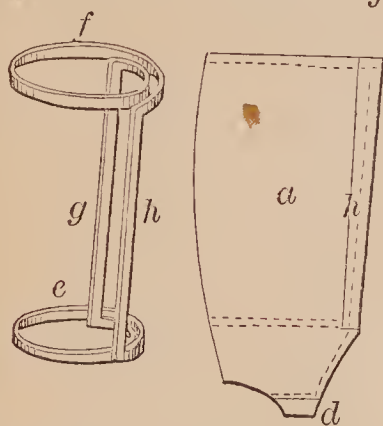
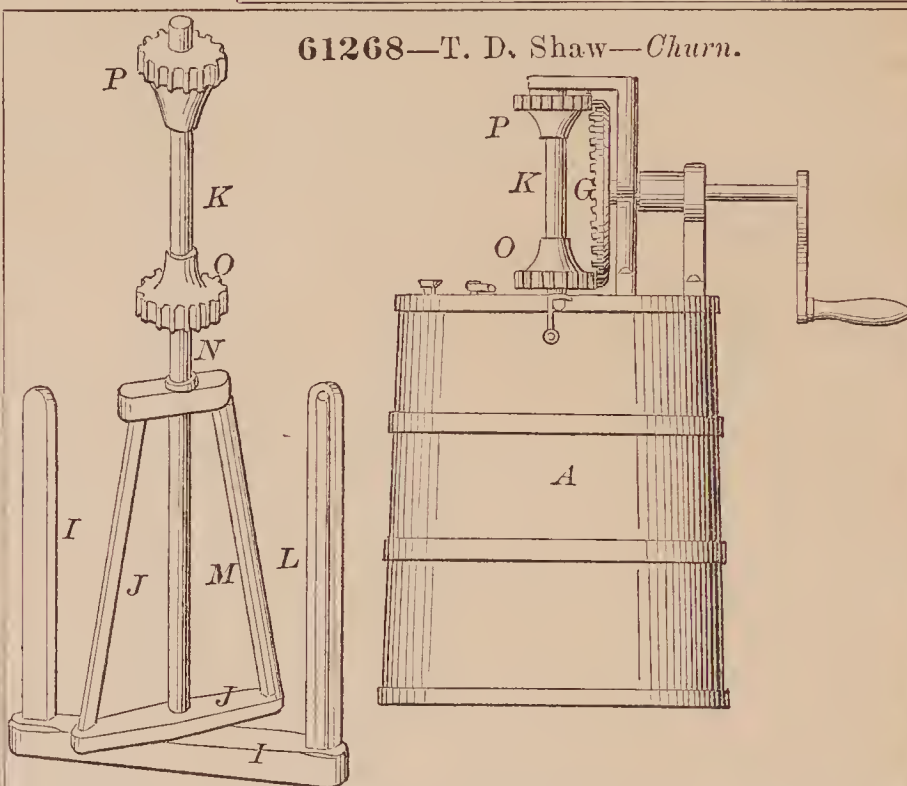
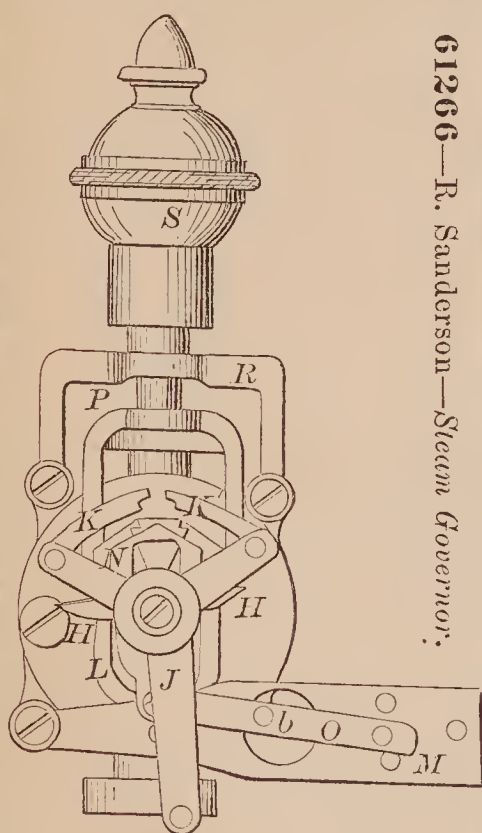
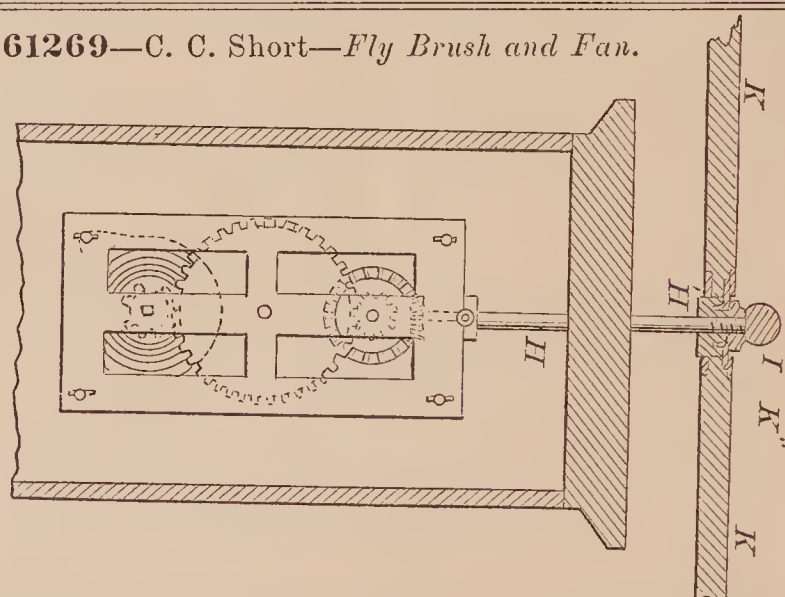
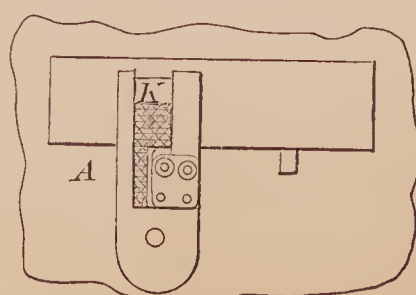


61259—Richardson & Adams—*Potato Digger.*

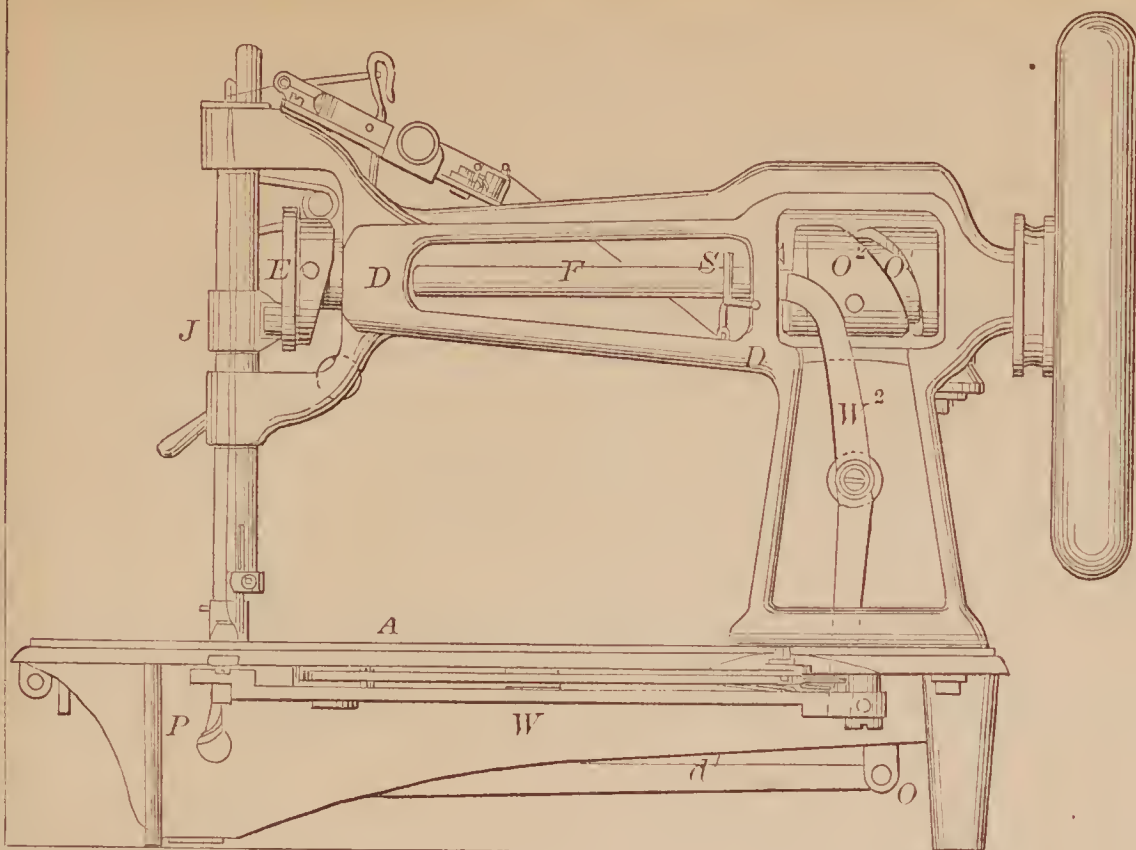


61262—D. E. Rose—*Amalgamator.*

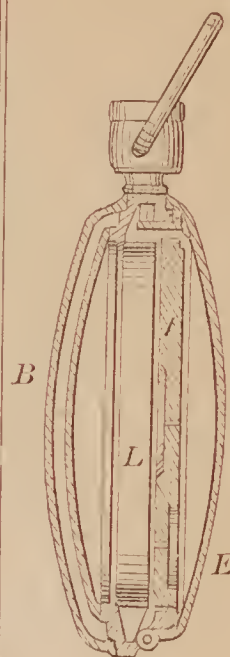


61263—A. P. Routt—*Draining Machine.***61264**—G. J. Rugg—*Planing Machine.***61265**—W. G. Rule—*Legging.***61268**—T. D. Shaw—*Churn.***61266**—R. Sanderson—*Steam Governor.***61269**—C. C. Short—*Fly Brush and Fan.***61270**—I. M. Singer—*Sewing Machine.*

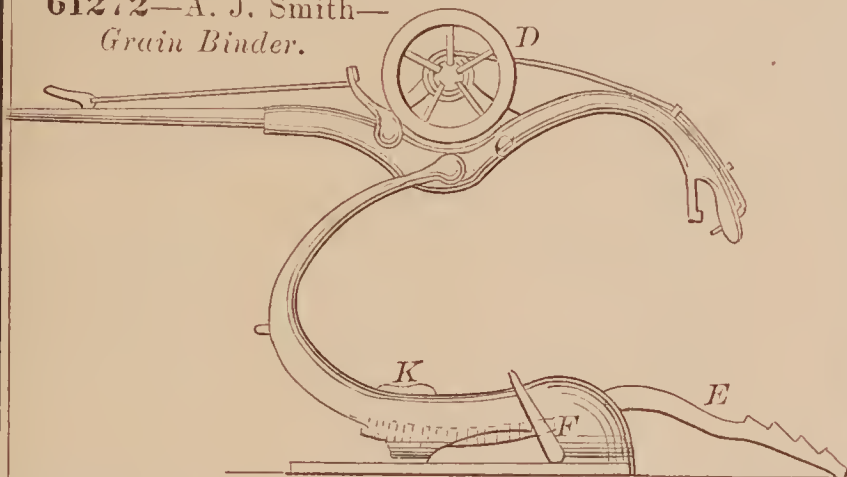
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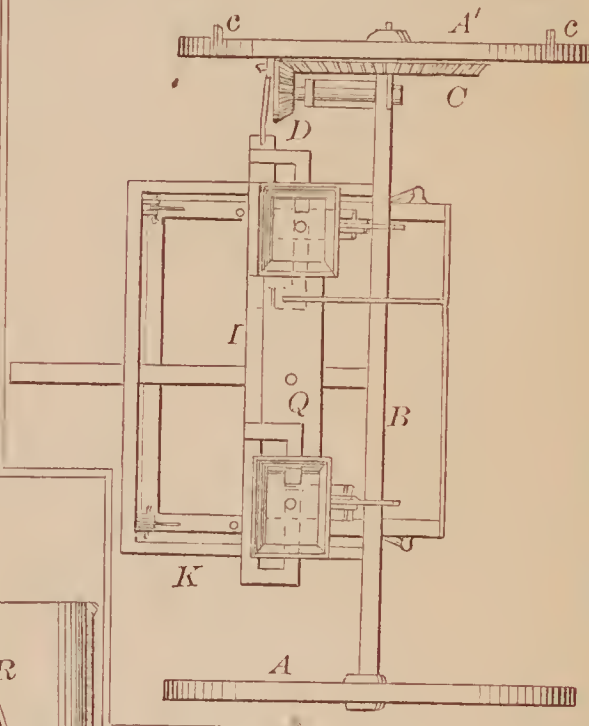
61276—O. F. Stedman—Watch Case.



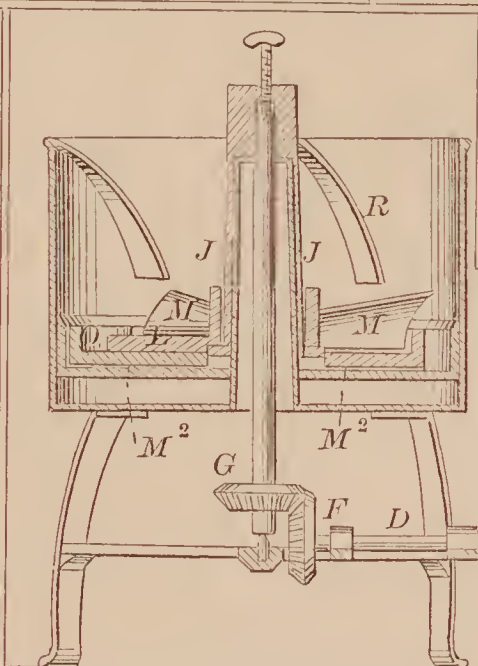
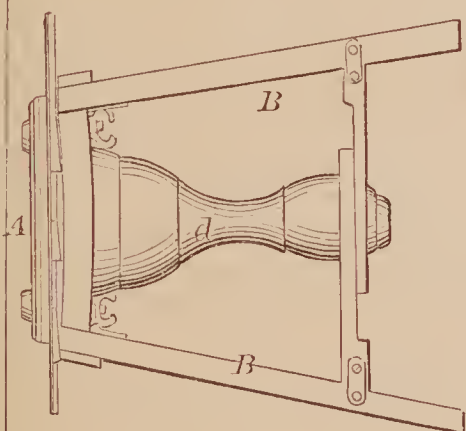
61272—A. J. Smith—Grain Binder.



61273—E. F. Smith—Corn Planter.

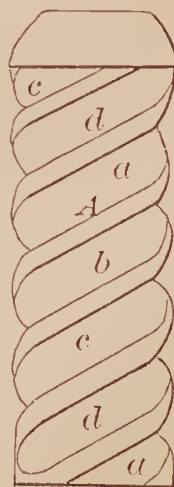


61277—E. Stubbs—For Filing Saws.

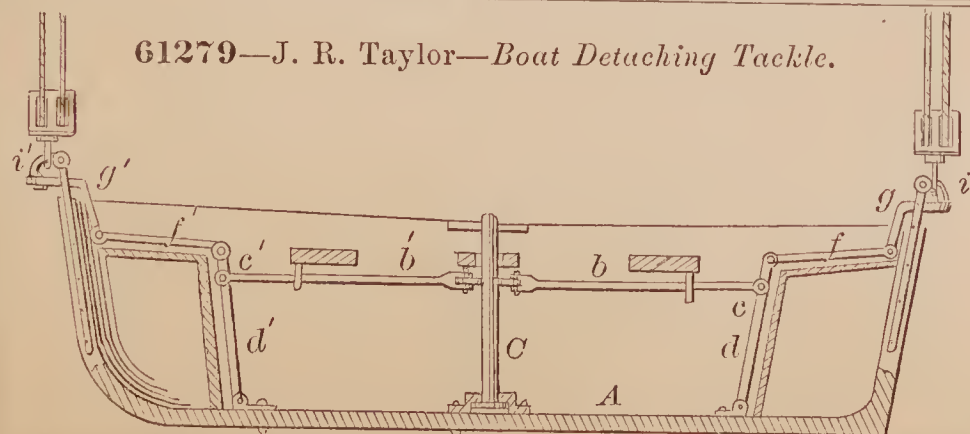


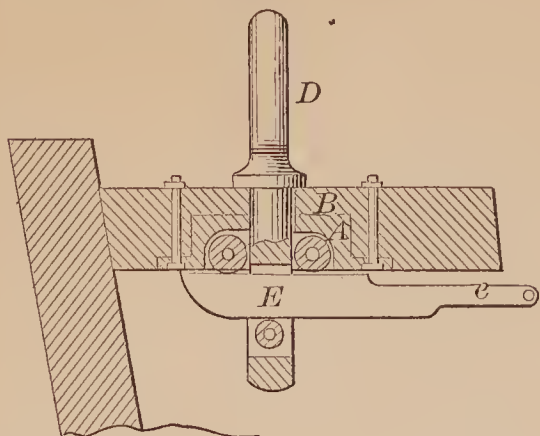
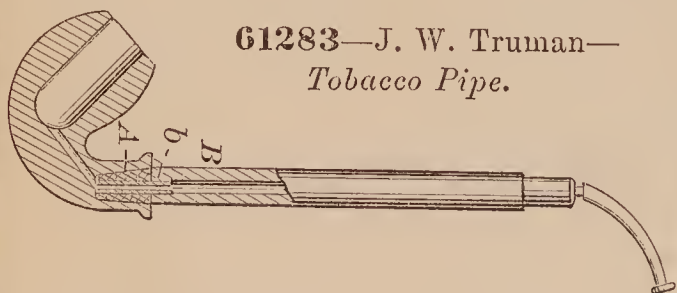
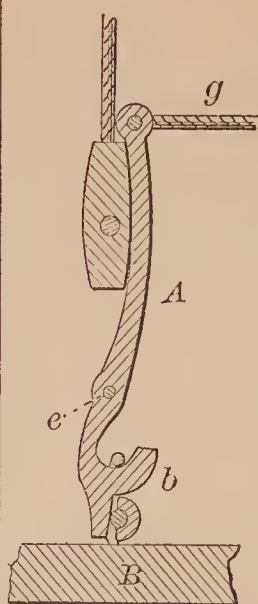
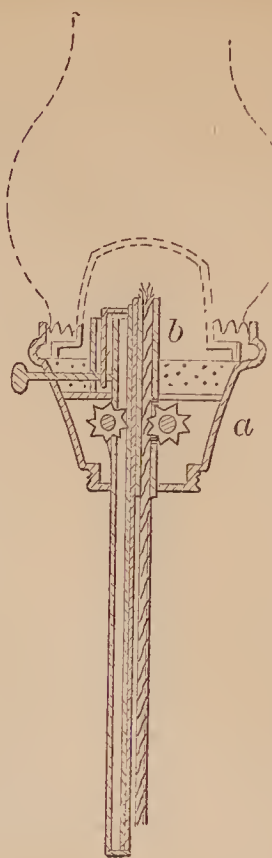
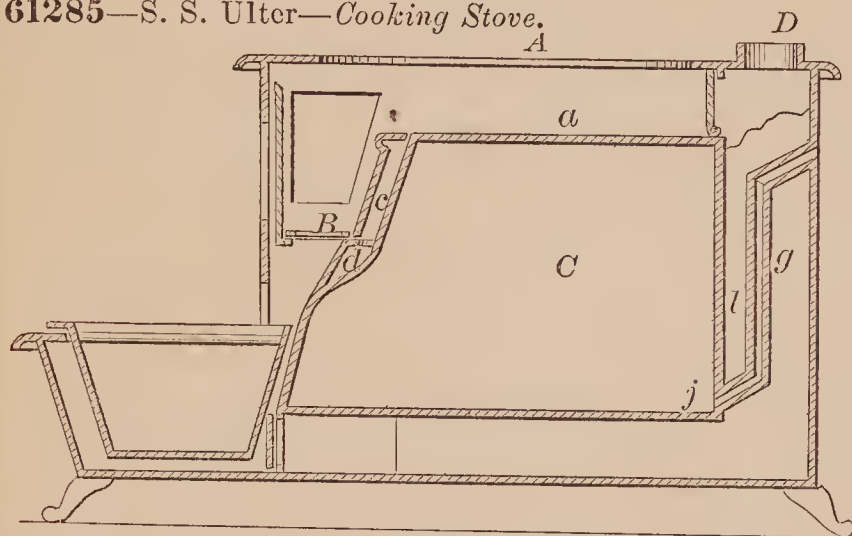
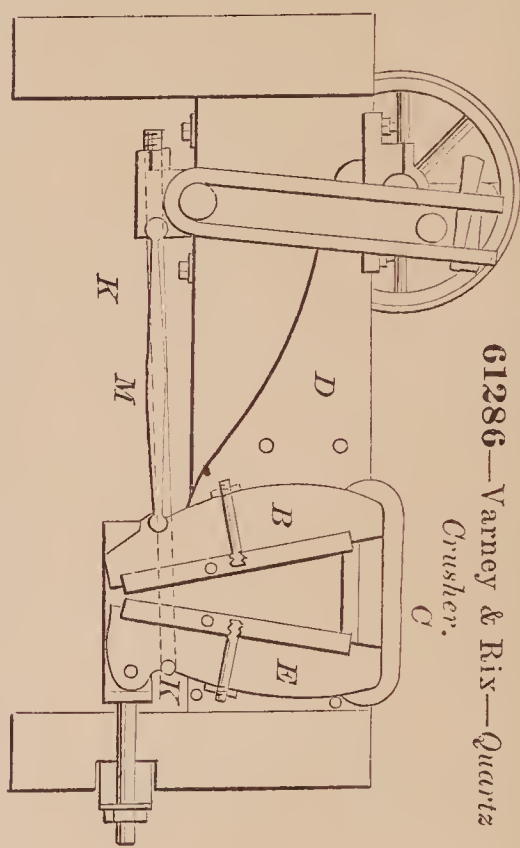
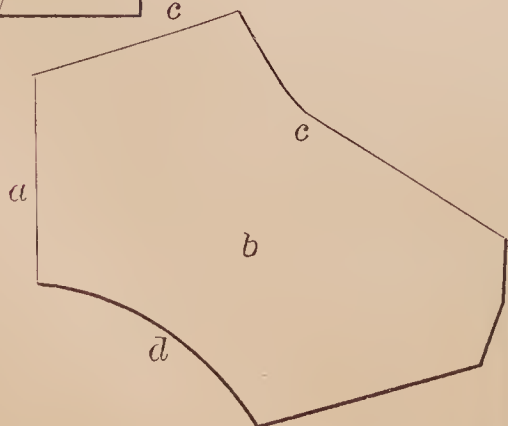
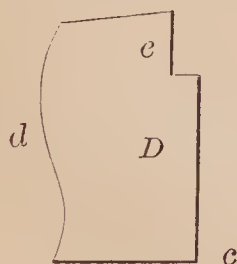
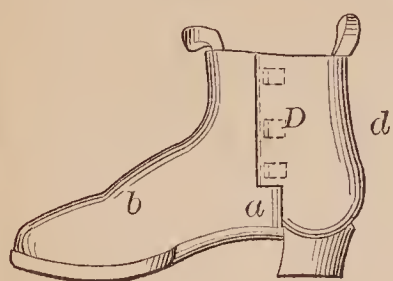
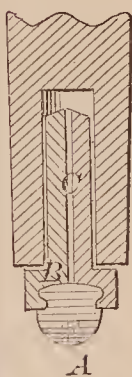
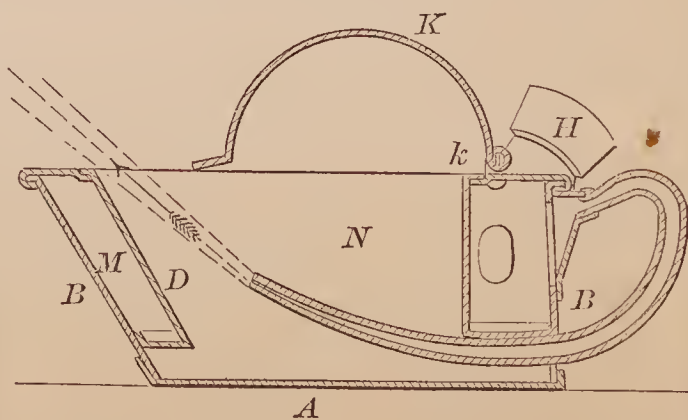
61274—S. Standish—Amalgamator.

61278—J. H. Sturdy—Steam Generator.

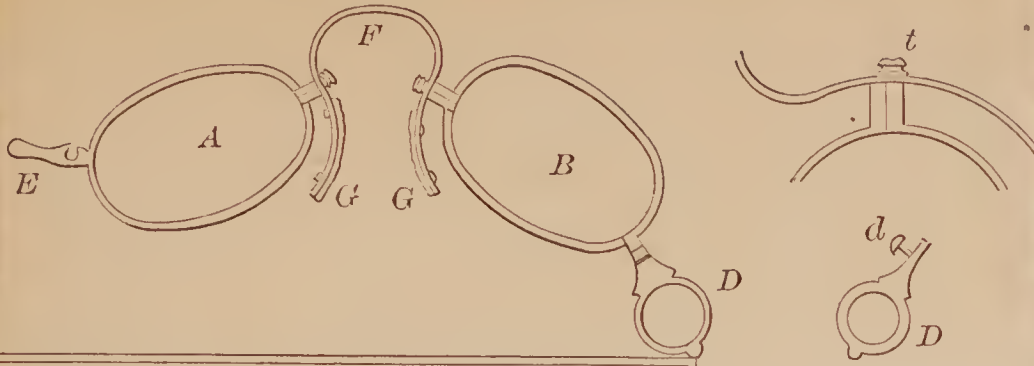


61279—J. R. Taylor—Boat Detaching Tackle.

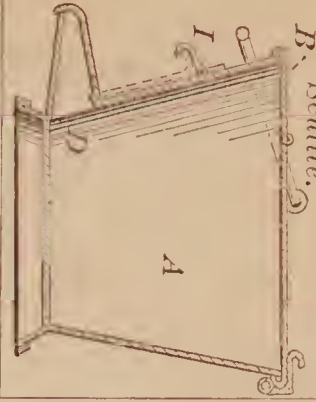


61280—J. R. Taylor—*Boat Detaching Tackle.*61283—J. W. Truman—*Tobacco Pipe.*61281—J. R. Taylor—*Boat Detaching Tackle.*61284—Tyler, Chandler & Standish—*For Lighting Lamps, &c.*61285—S. S. Ulter—*Cooking Stove.*61286—Varney & Rix—*Quartz Crusher.*61287—G. Wagner—*Boots and Shoes.*61282—E. S. Torrey—*Elastic Tip for Furniture Legs.*61288—Wakeman & Ross—*Paint Burner.*

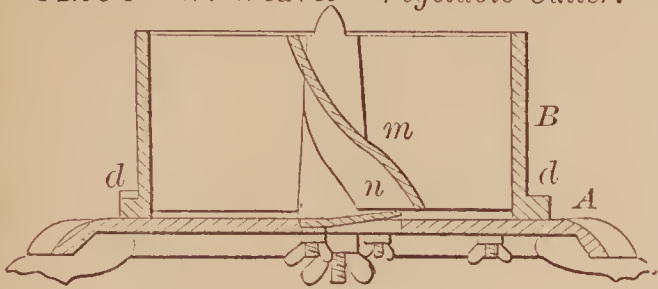
61289—E. Want—*Eye Glasses.*



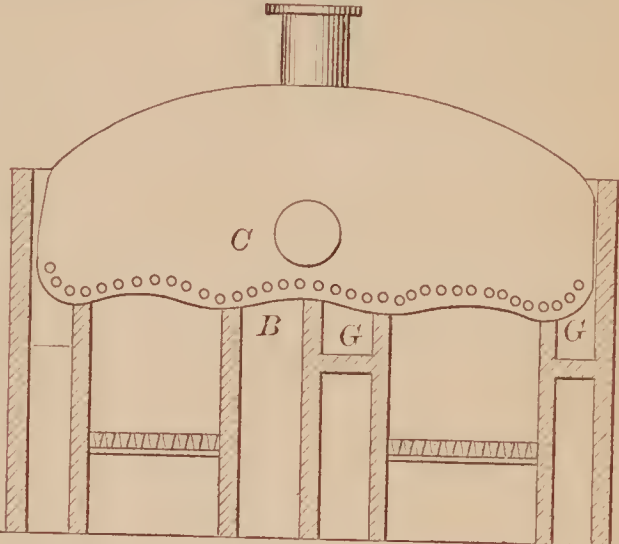
61295—D. Wight—*Coal*
B. Scuttle.



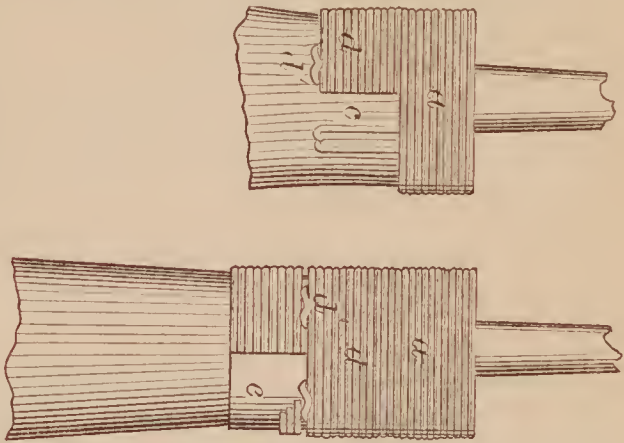
61290—W. Weaver—*Vegetable Cutter.*



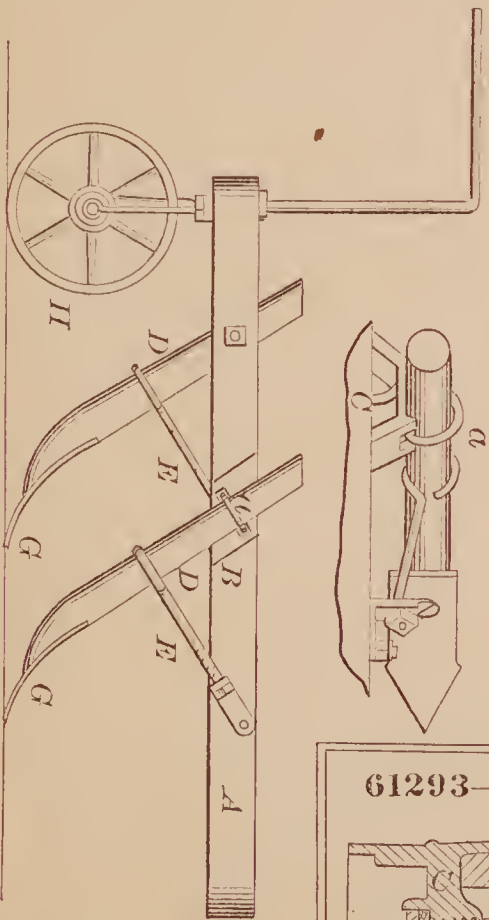
61291—W. C. Welles—*Petroleum Still.*



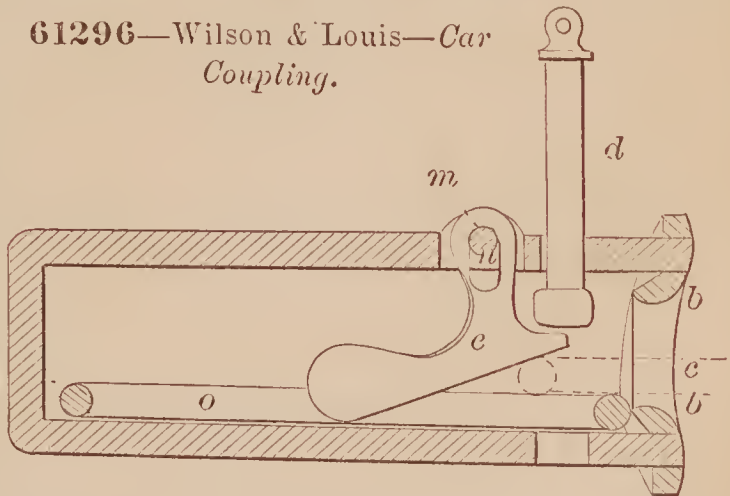
61292—G. A. White—*Paint Brush.*



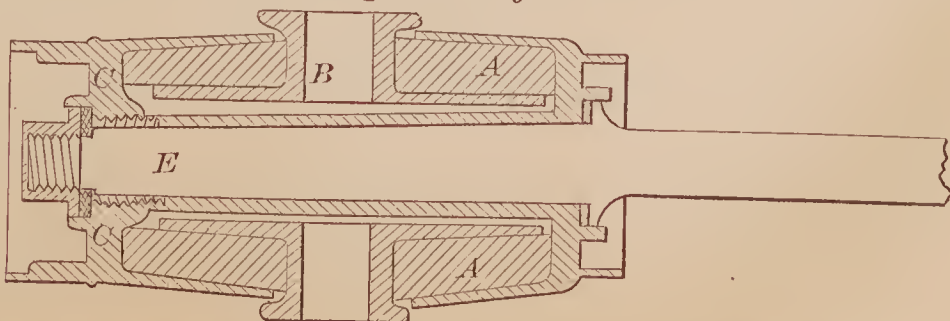
61294—S. M. Whitney—*Cultivator.*



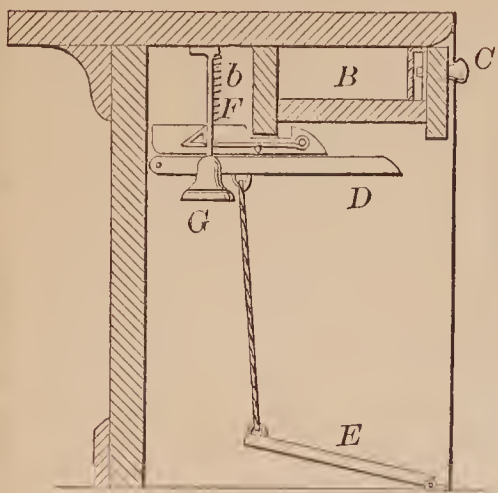
61296—Wilson & Louis—*Car*
Coupling.



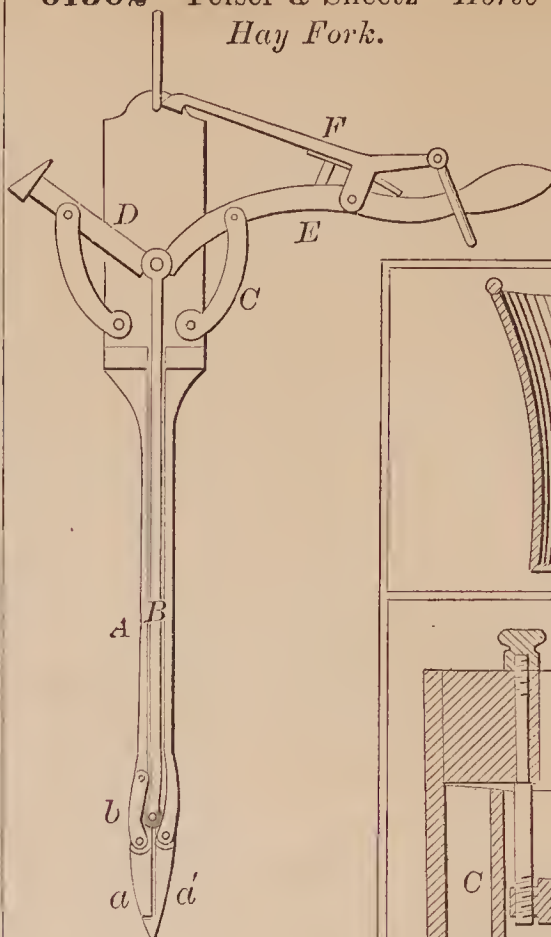
61293—J. M. Whiting—*Carriage Hub.*



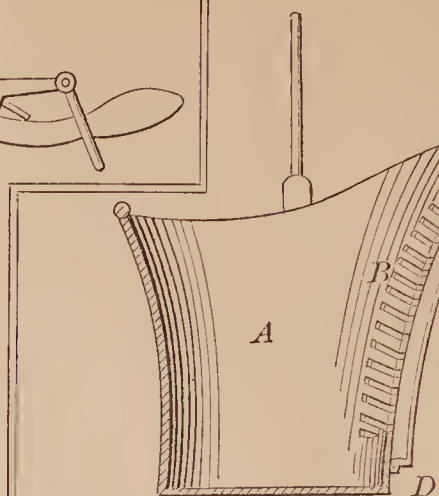
61297—J. F. Winchell—
Alarm for Money Drawers.



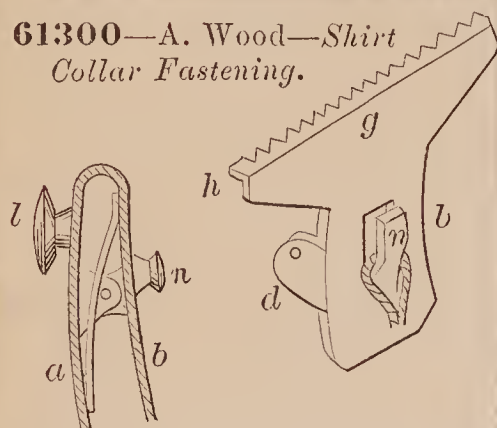
61302—Yeiser & Sheetz—*Horse Hay Fork.*



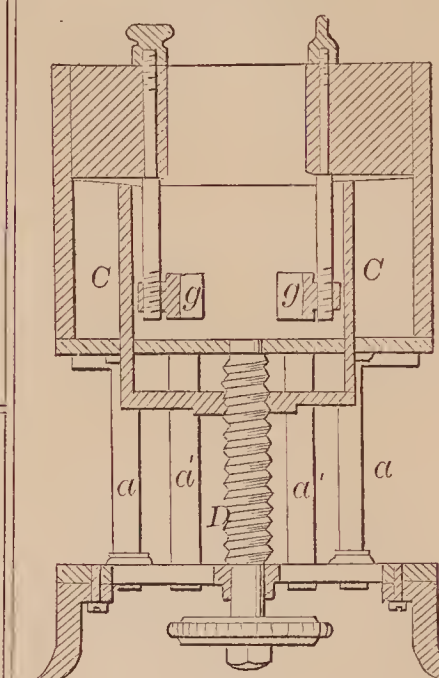
61301—Yeatman & Mason—*Coal Hod.*



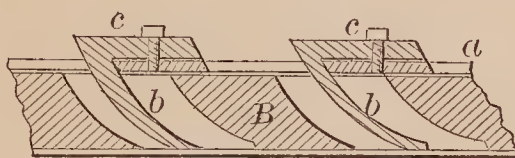
61300—A. Wood—*Shirt Collar Fastening.*



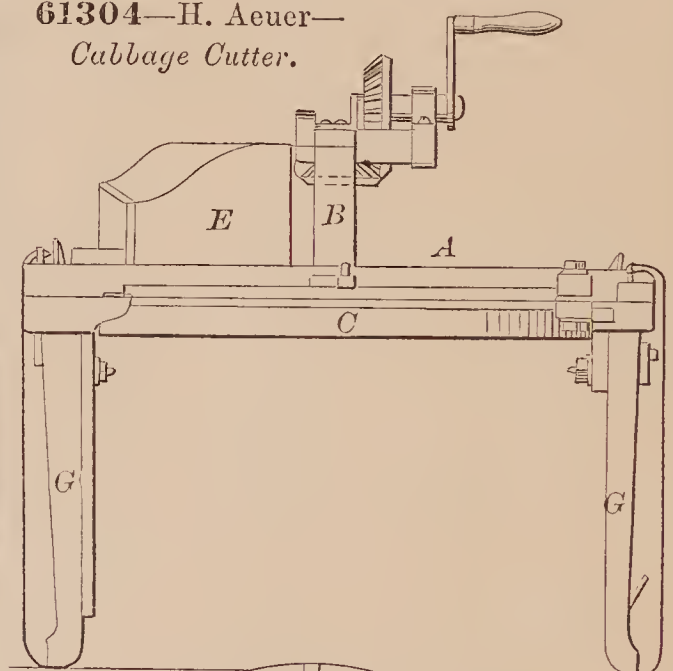
61303—J. Yocom, Jr.—*Moulding Flask.*



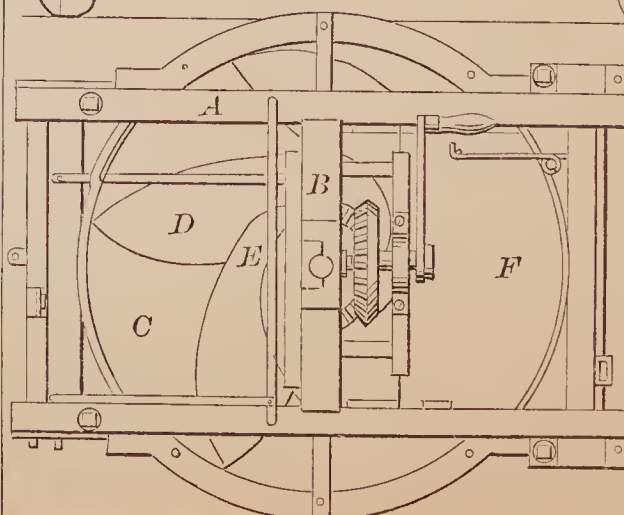
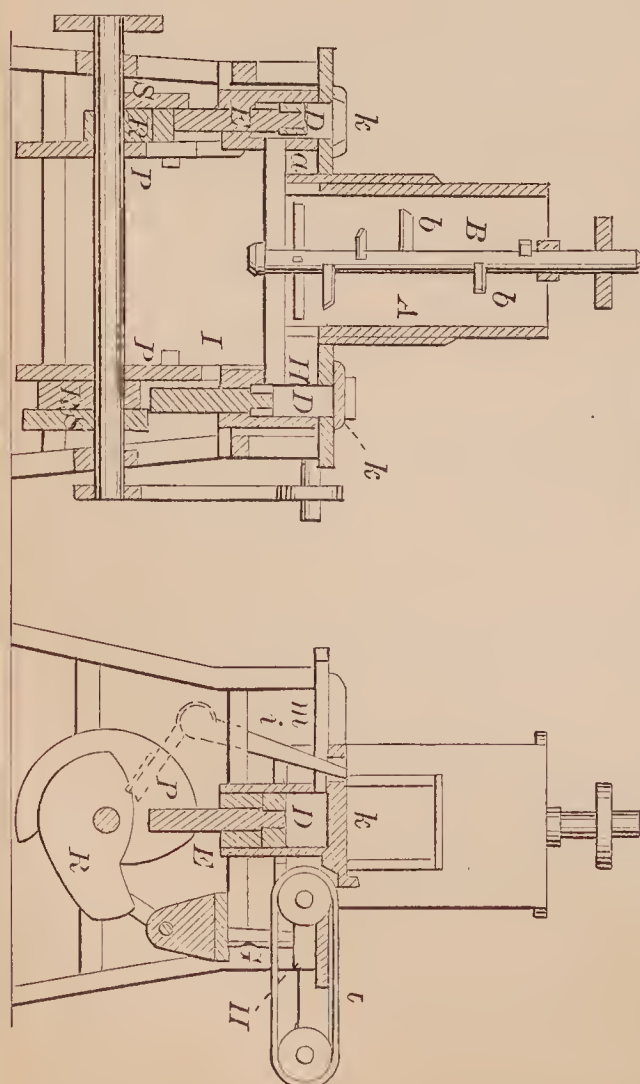
61299—A. A. Wood—*Water Wheel.*



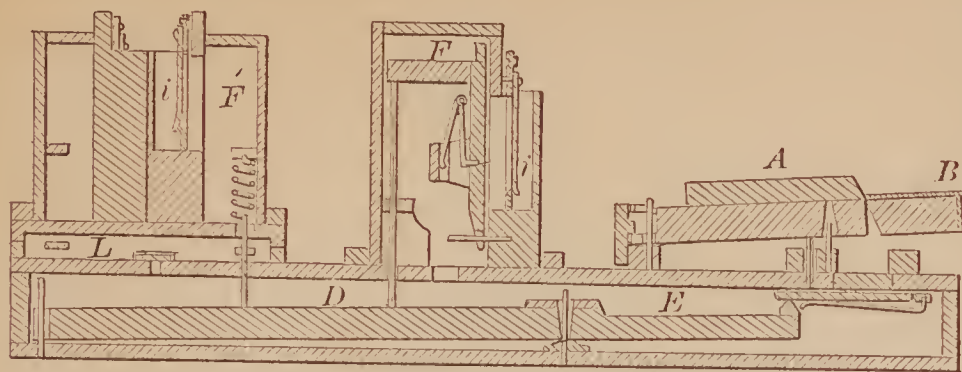
61304—H. Aeuer—
Cabbage Cutter.



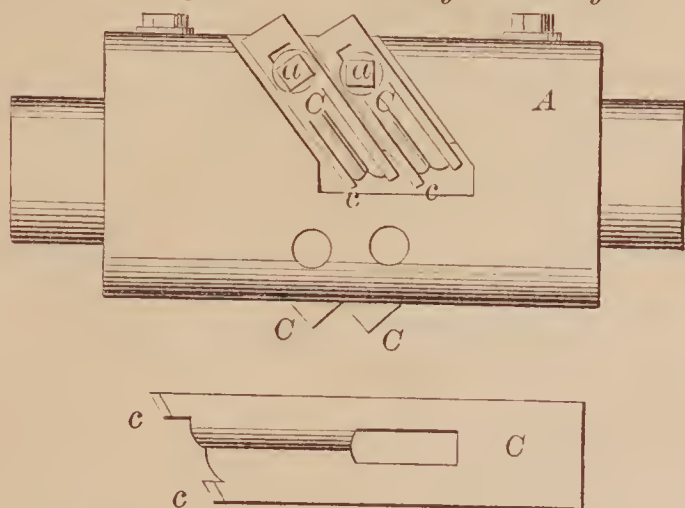
61298—R. Wolf—*Brick Machine.*



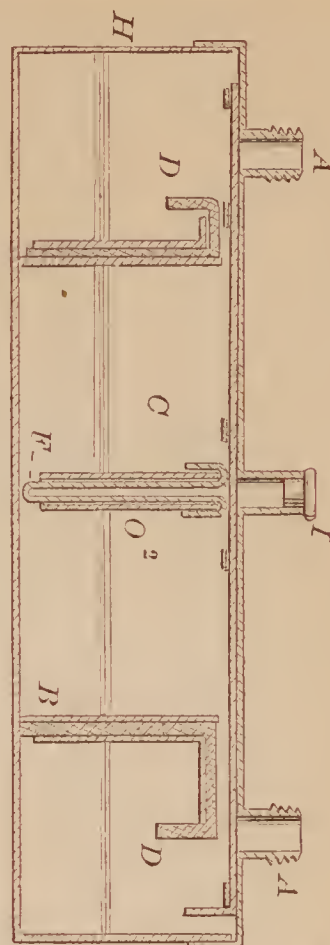
61305—C. Austin—*Melodeon.*



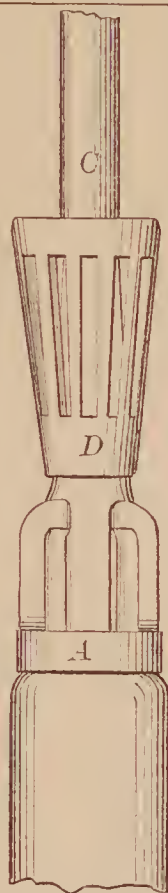
61306—E. C. Austin—*For Cutting Mouldings.*



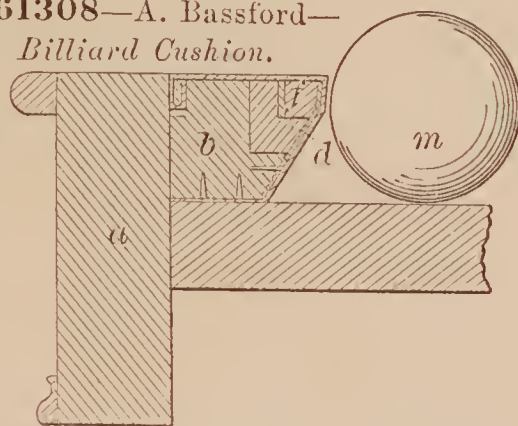
61309—J. F. Boynton—*For Carburetting Gas and Air.*



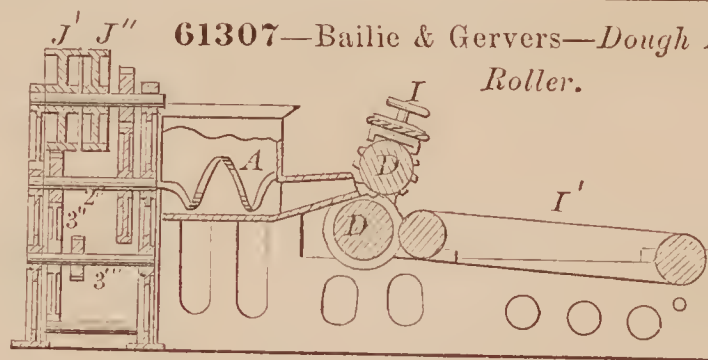
61311—E. D. Brown—*Deep Well Pump Piston.*



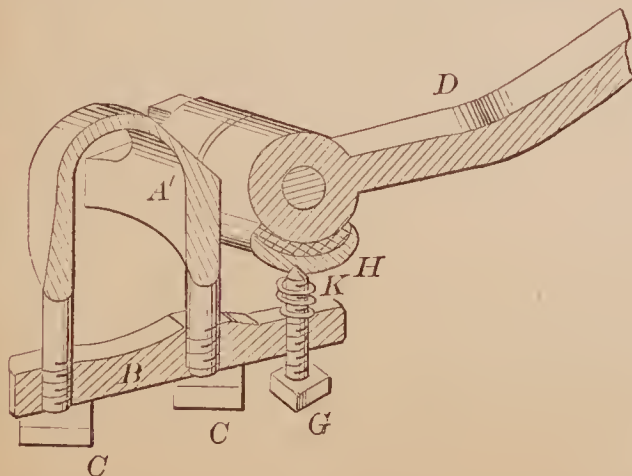
61308—A. Bassford—*Billiard Cushion.*



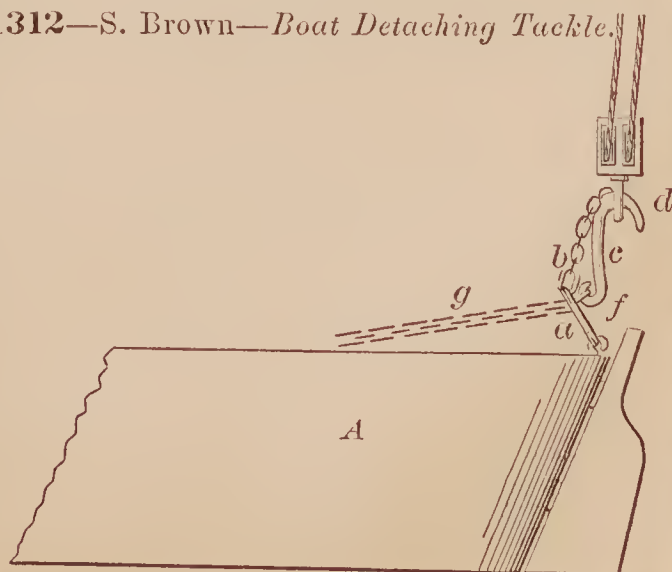
61307—Bailie & Gervers—*Dough Mixer and Roller.*

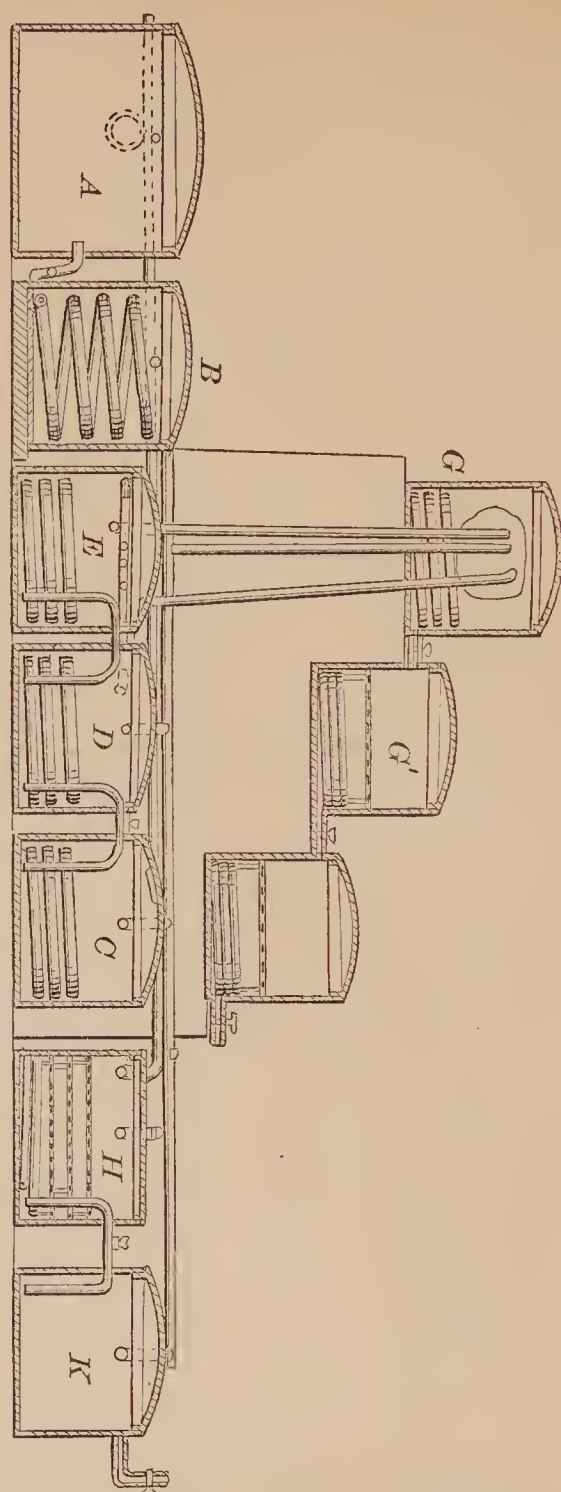
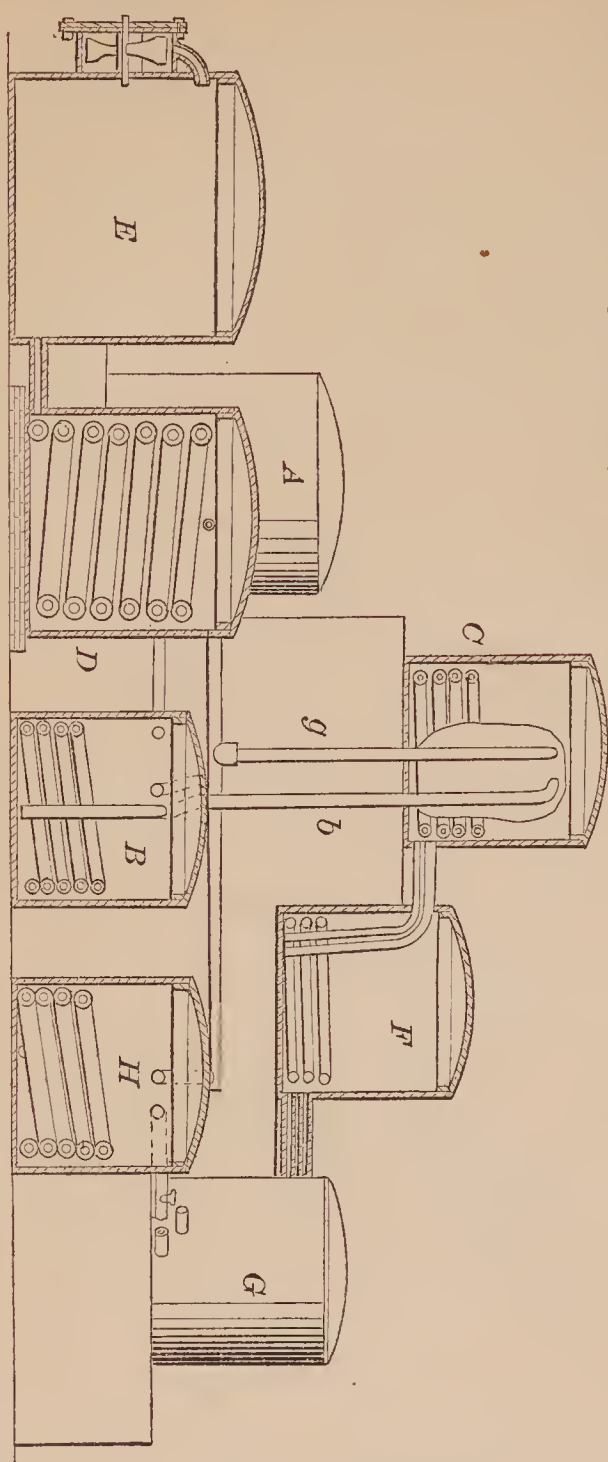
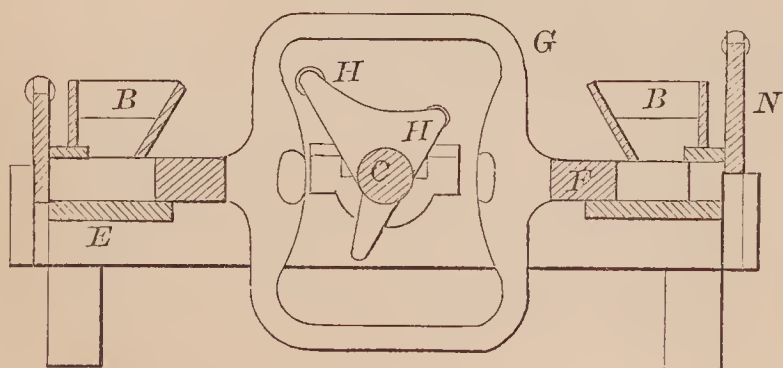
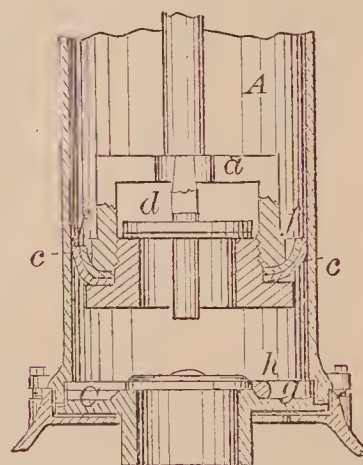
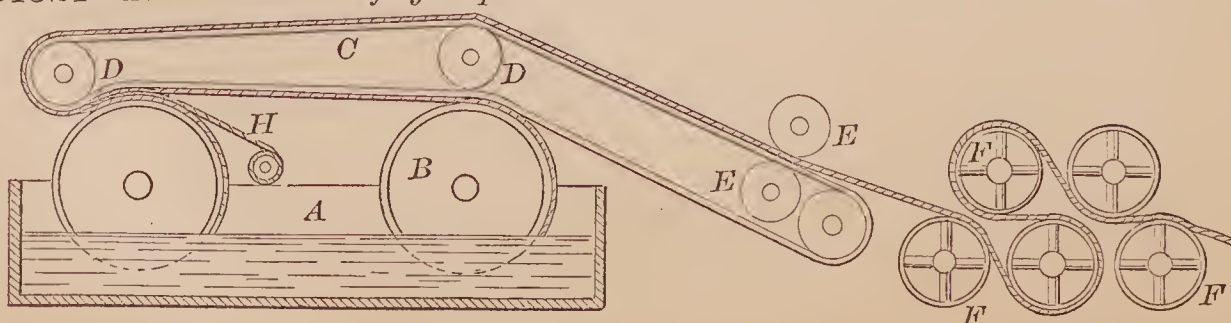


61310—J. F. Bridget—*Thill Coupling.*

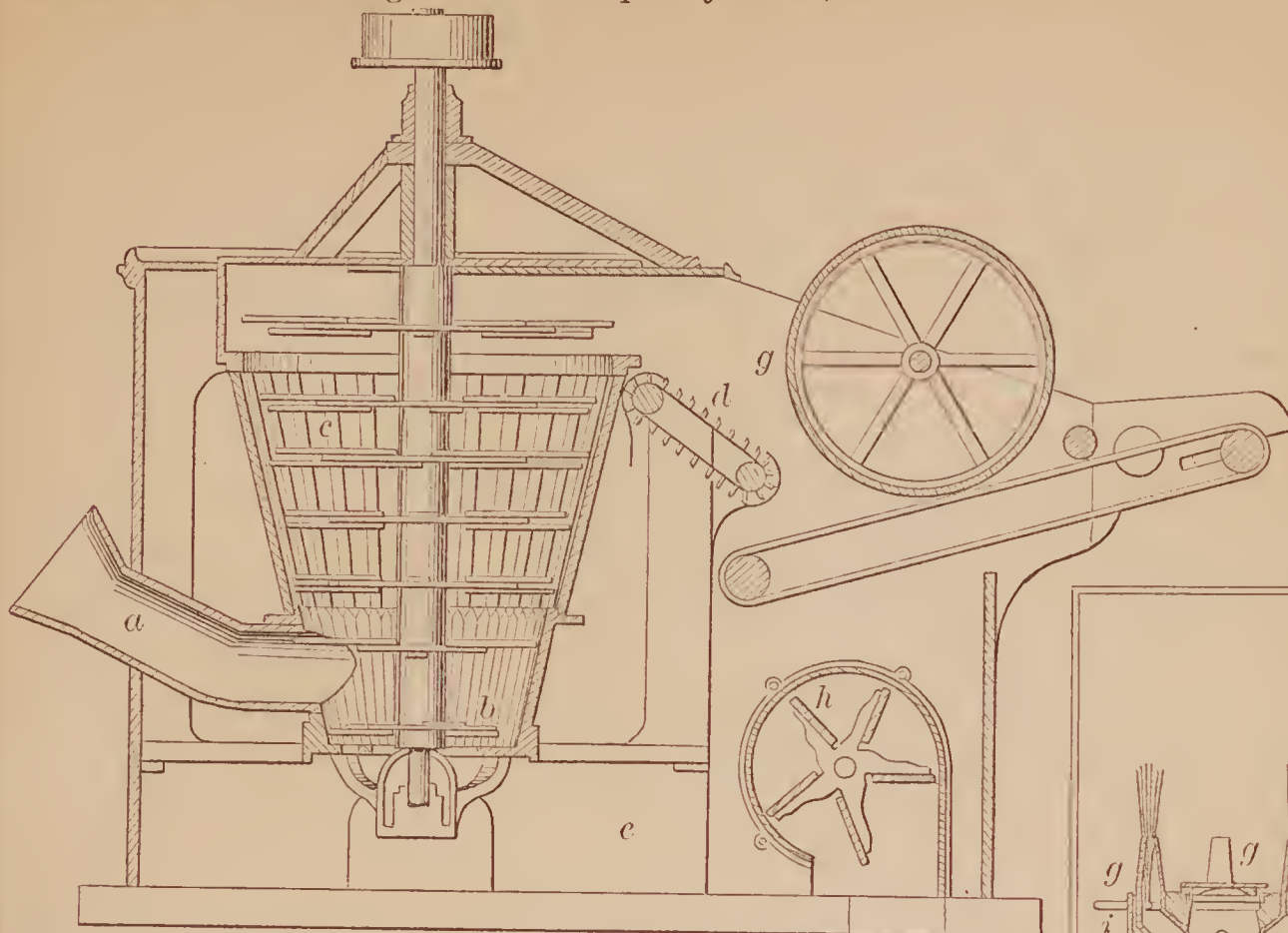


61312—S. Brown—*Boat Detaching Tackle.*

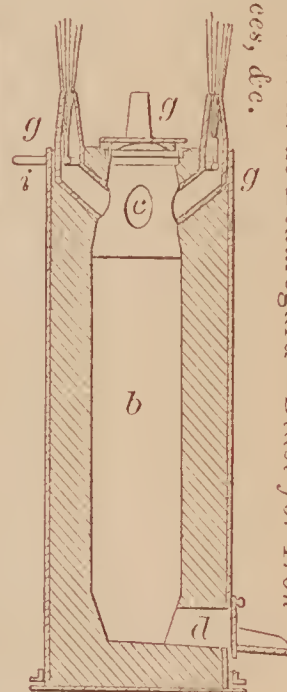


61315—D. Bruce—*For Curing Meat, Tanning, &c.*61314—D. Bruce—*Sugar Making.*61318—J. B. Collen—*For Pressing Fuel into Blocks.*61319—H. Comstock—*Pump.*61321—L. M. Crane—*Safety Paper.*

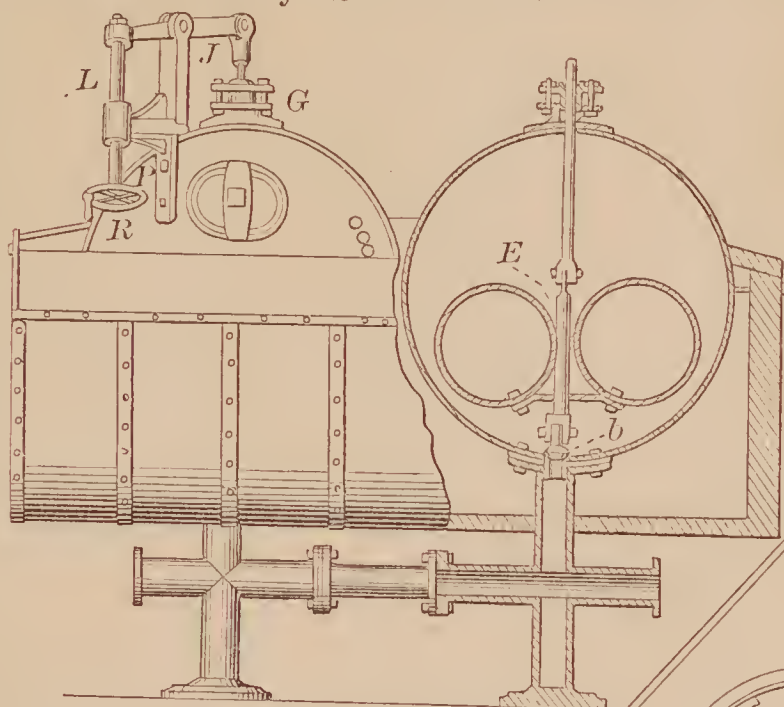
61322—W. & F. W. Crighton—*For Preparing Cotton, &c.*



61323—F. A. T. de Beauregard—*Blast for Iron Furnaces, &c.*



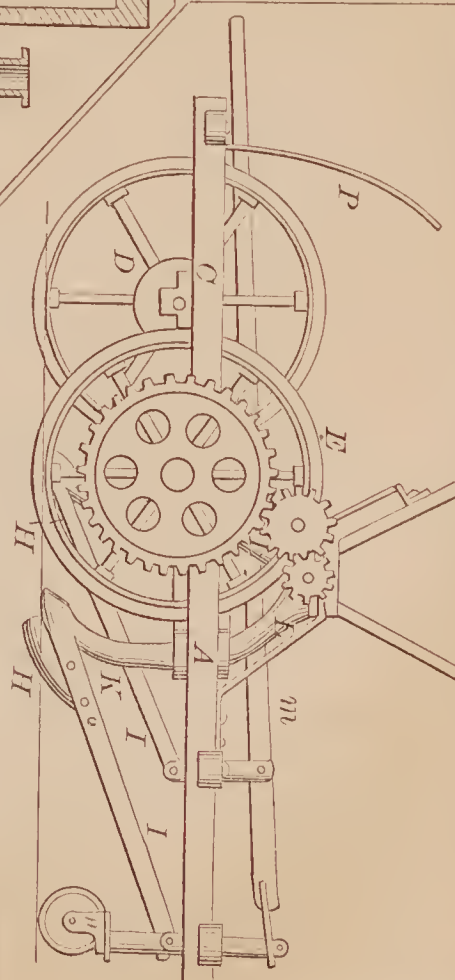
61324—J. Delery—*Steam Generator.*



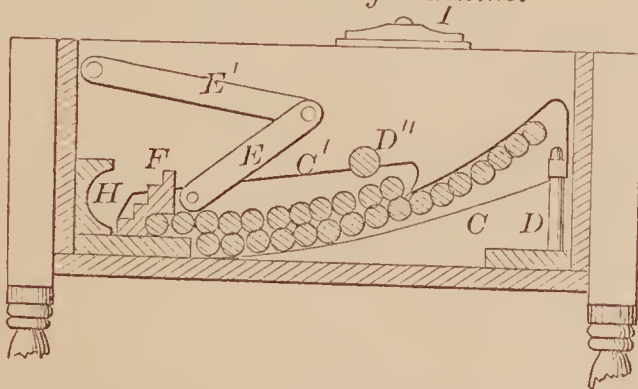
61325—A. J. B. De Morat—*Telegraphic Cable.*



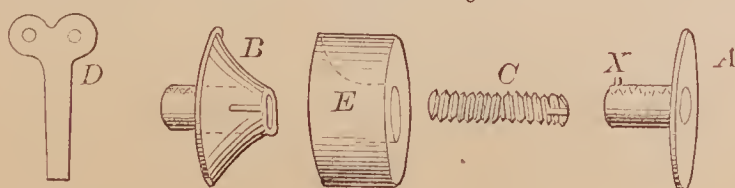
61326—G. W. Doolittle—*Wheat Drill.*



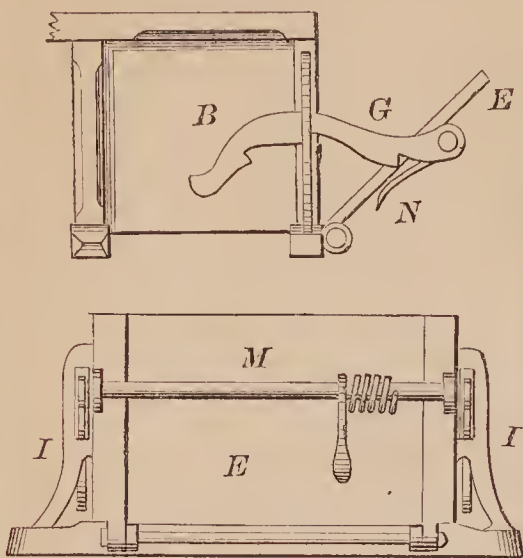
61327—G. H. Dow—*Washing Machine.*



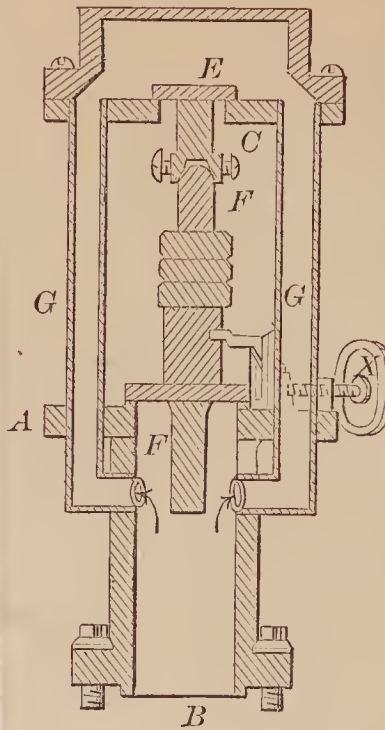
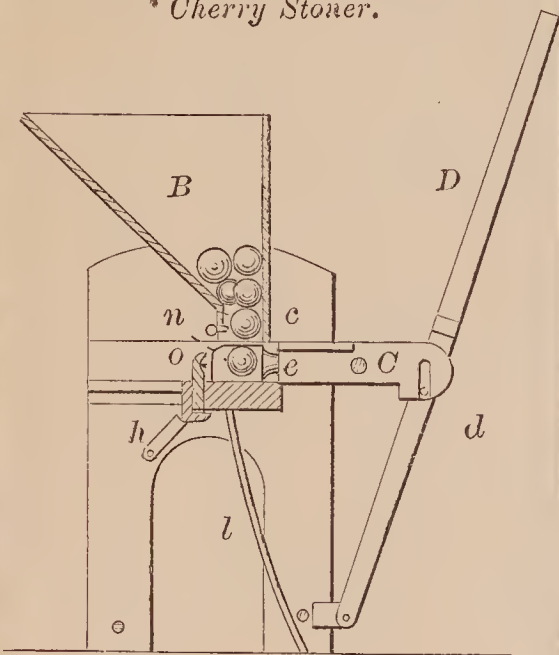
61328—M. S. Drake—*Barrel Bung.*



61329—J. O. Farrell—*Tail Board for Wagon.*

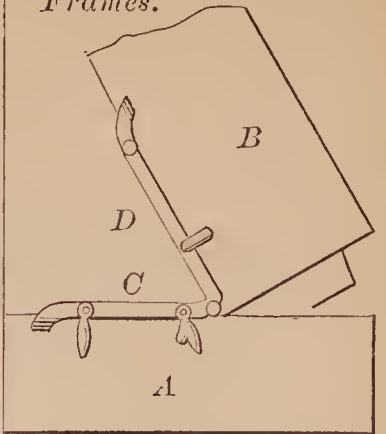


61331—F. G. & E. A. Floyd—*Cherry Stoner.*

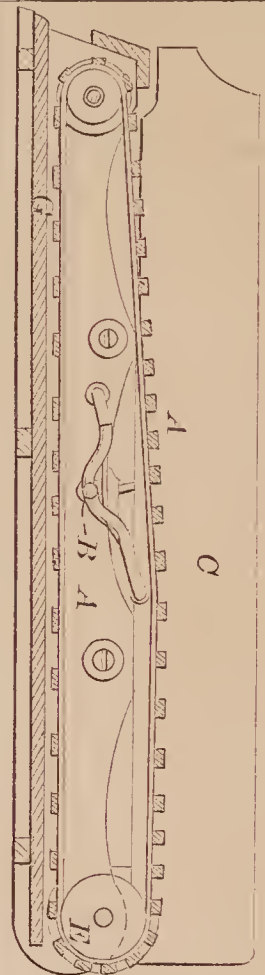


61330—J. H. Fitz Simmons—*Safety Valve.*

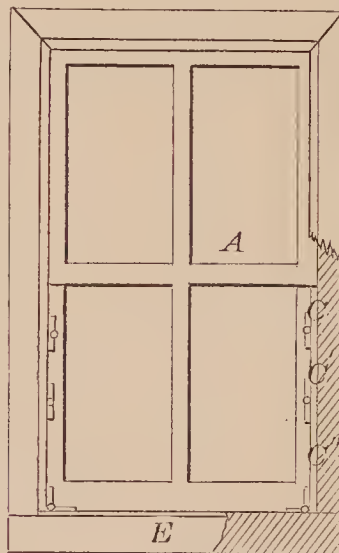
61332—Ford & Weible—*Clamp for Raising Frames.*



61333—D. Frost—*Threshing Machine.*



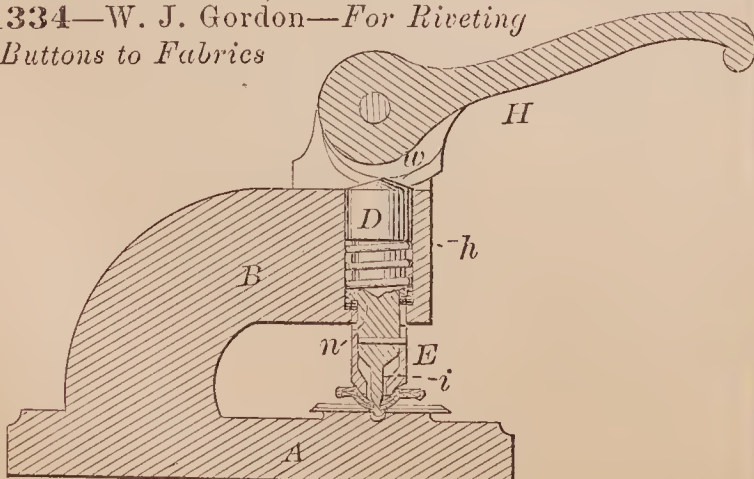
61335—E. M. Griswold—*Sash Support.*



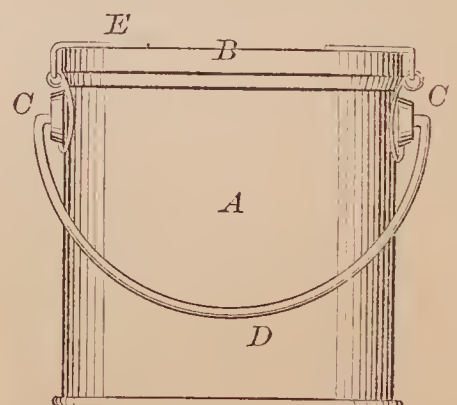
61336—Hill & Burnham—*Boat Detaching Apparatus.*



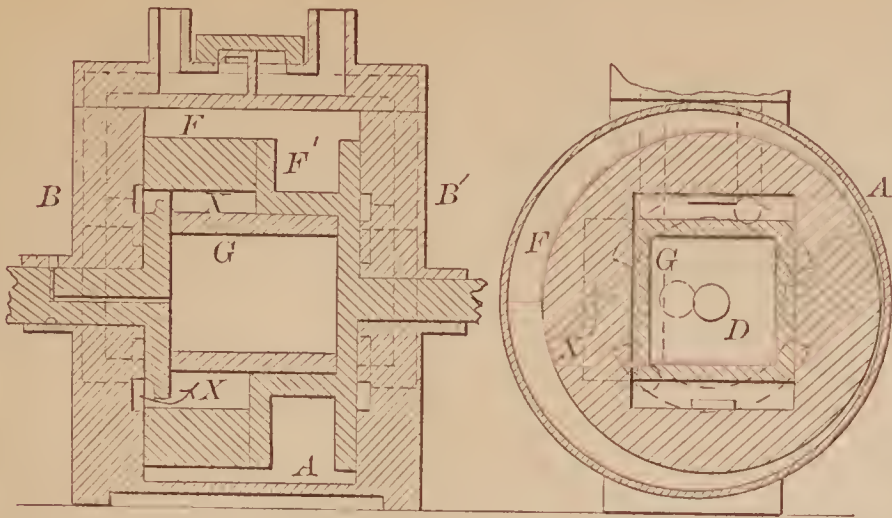
61334—W. J. Gordon—*For Riveting Buttons to Fabrics*



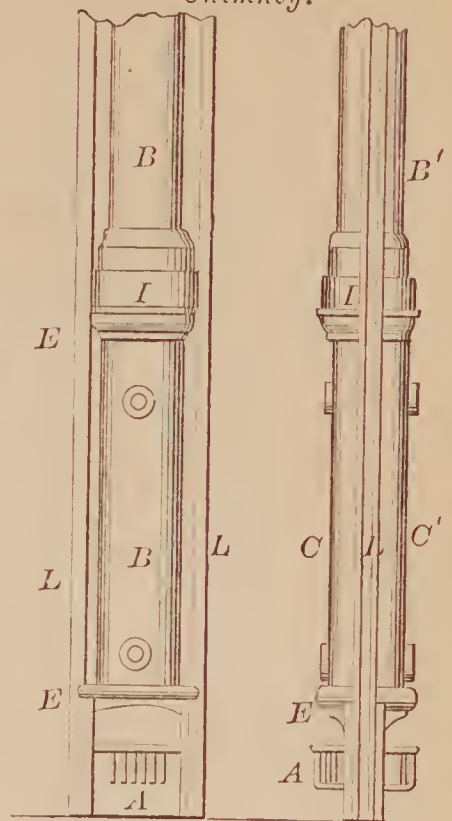
61337—W. A. Hopkins—*Paint Can.*



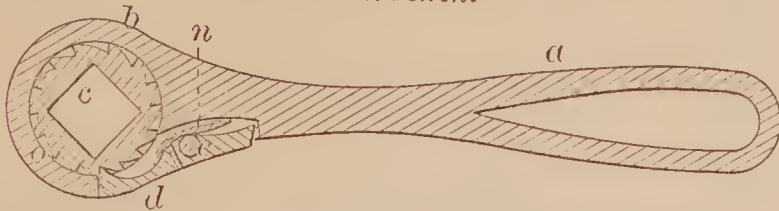
61339—W. Huston—*For Applying Motive Power.*



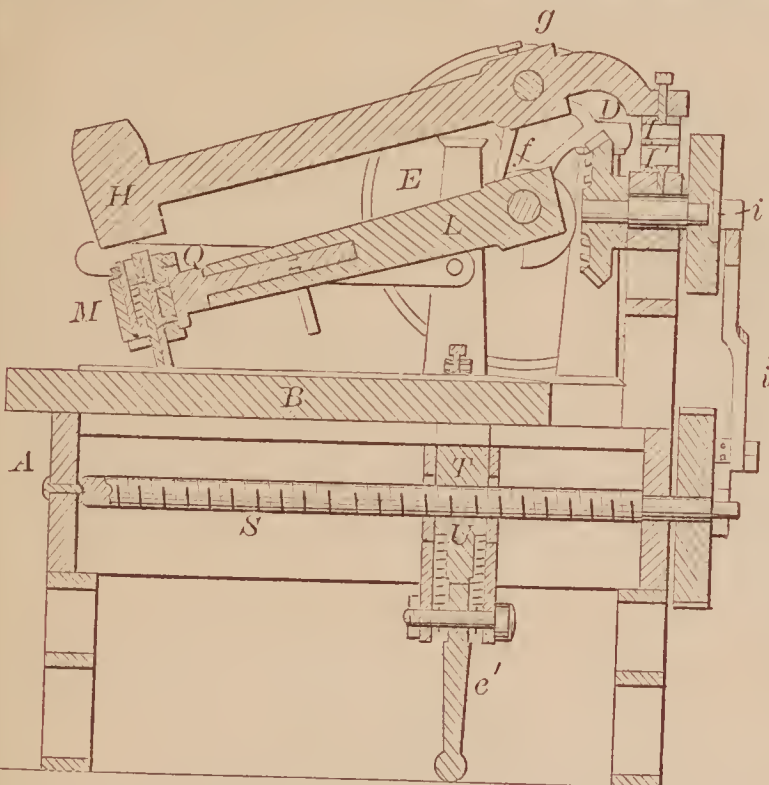
61342—D. June—*Cast Iron Chimney.*



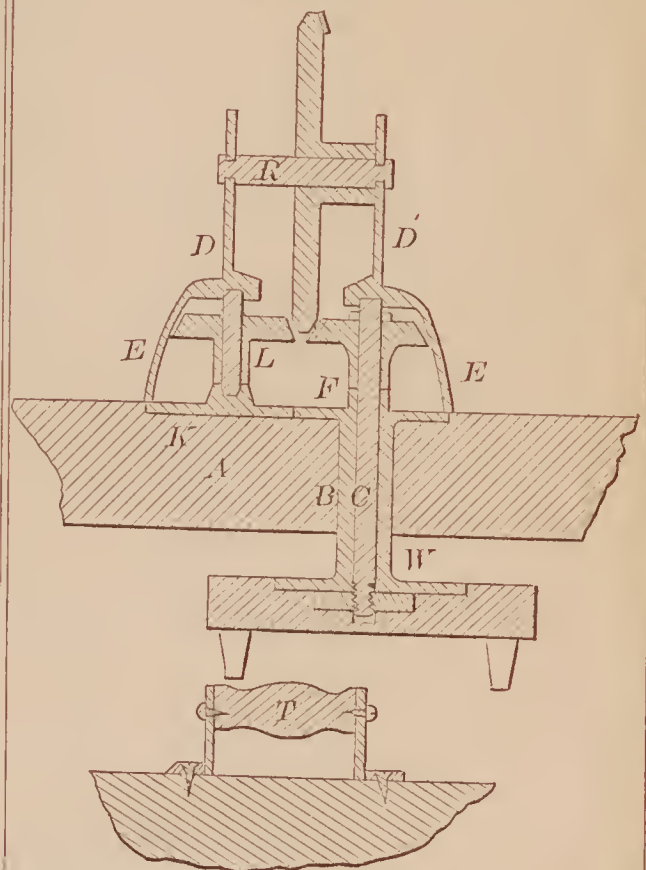
61340—J. C. Jackson—*Wrench.*



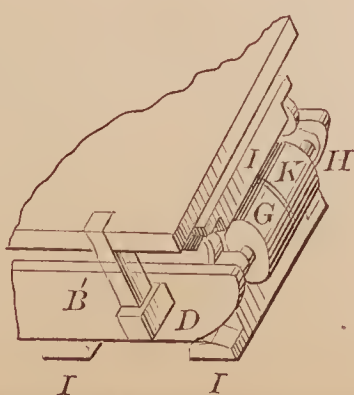
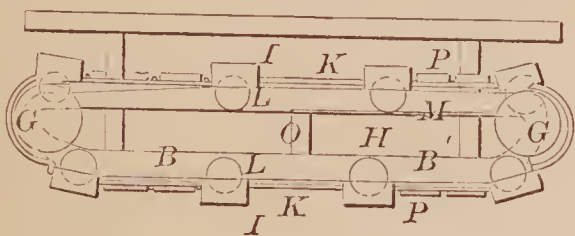
61341—Johnson & Griffin—*File Cutting Machine.*



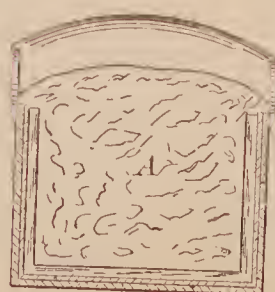
61343—C. H. Knox—*Washing Machine.*



61344—J. S. Lake—*Self Track Laying Car.*



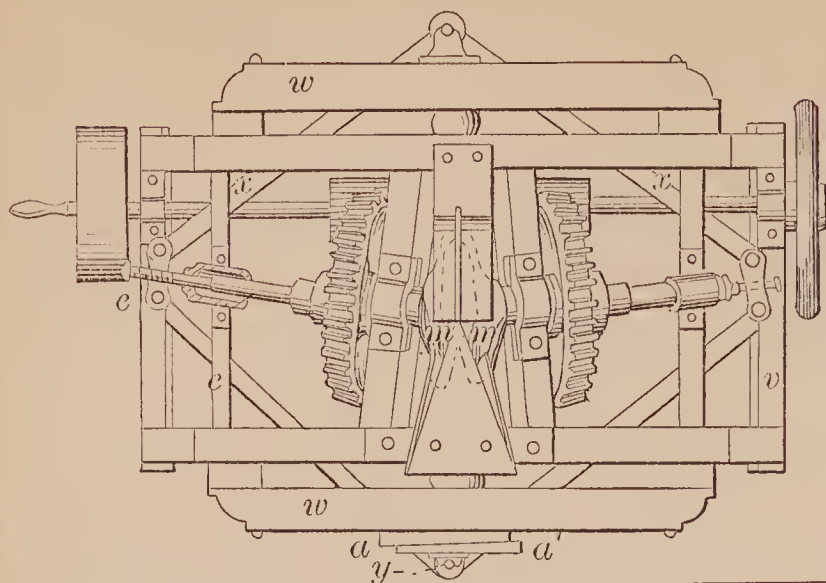
61345—M. C. Leonard—*Cartridge Box.*



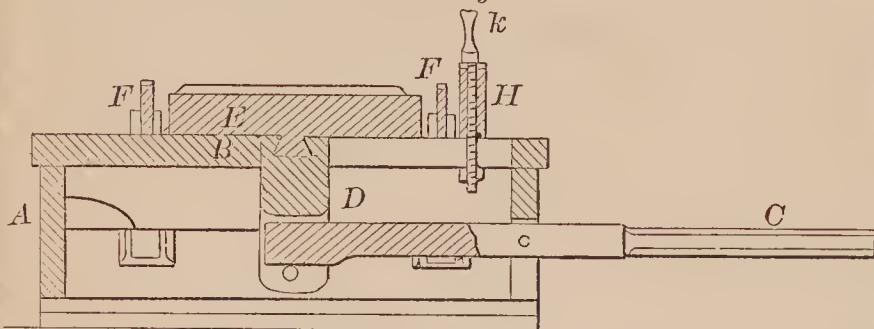
61346—T. J. Marinus—*Window Shade Supporter.*



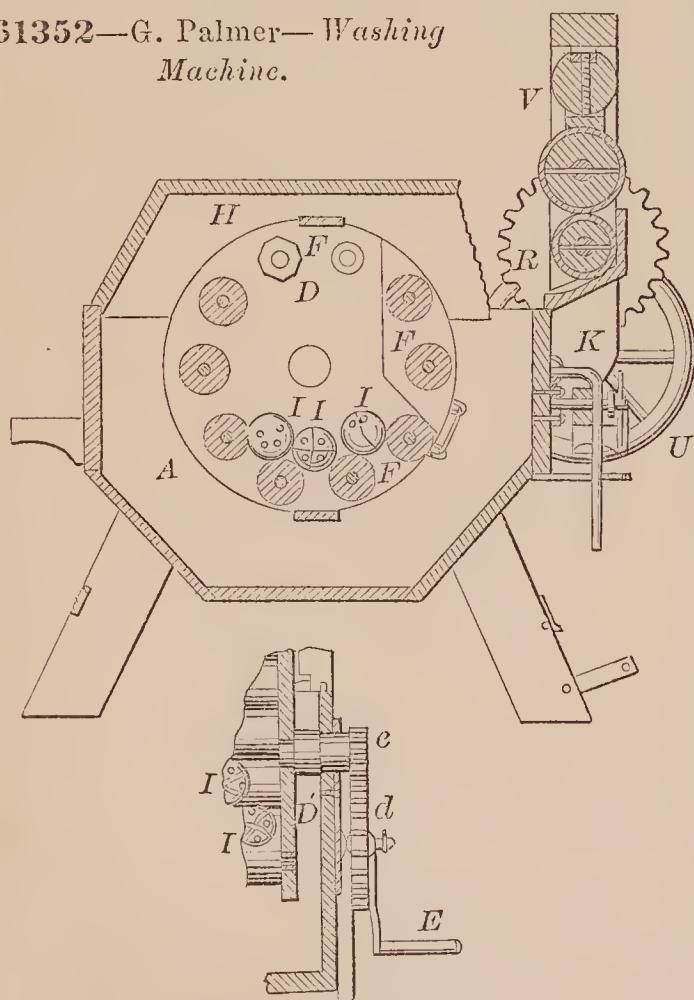
61347—C. Mason—*Quartz Crusher.*



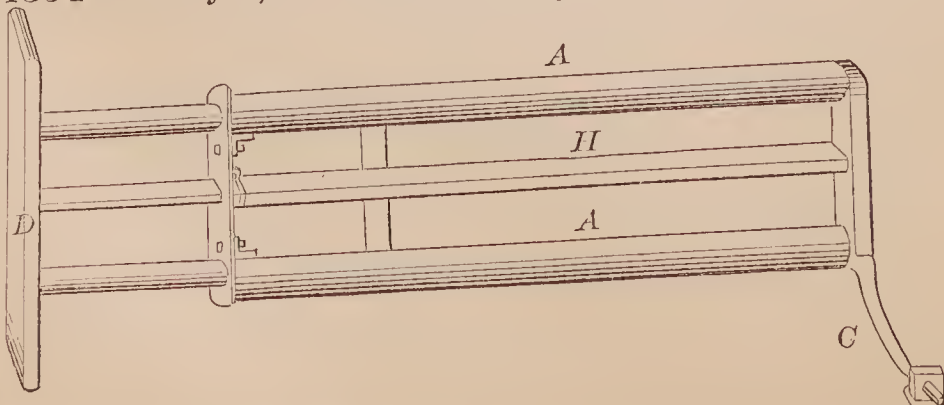
61350—I. L. Miles—*Printing on Glass.*



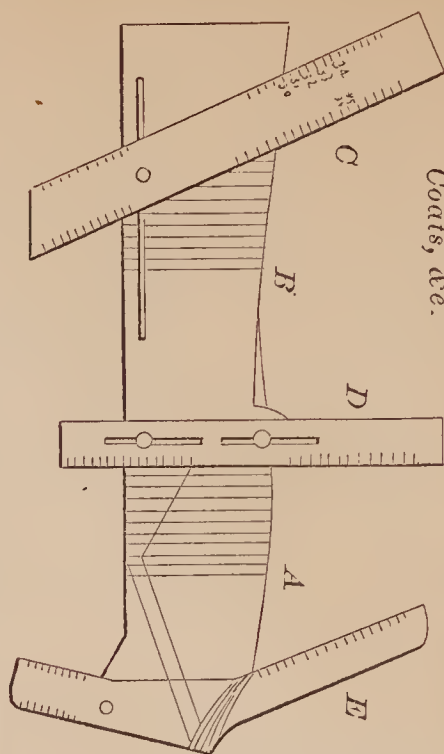
61352—G. Palmer—*Washing Machine.*



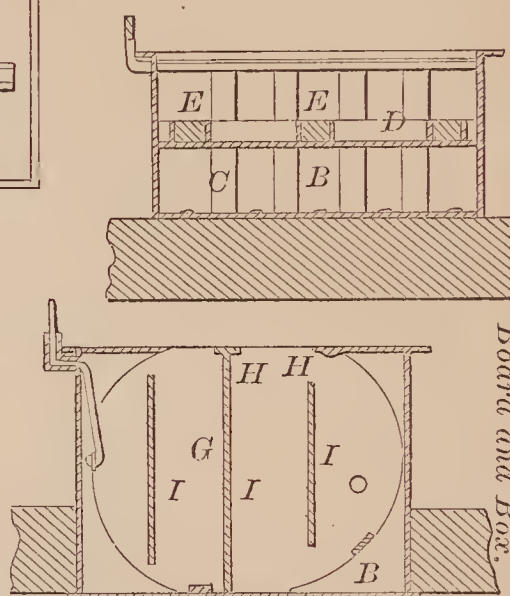
61354—H. Payne, Sr.—*For Preventing Collisions of Locomotives.*



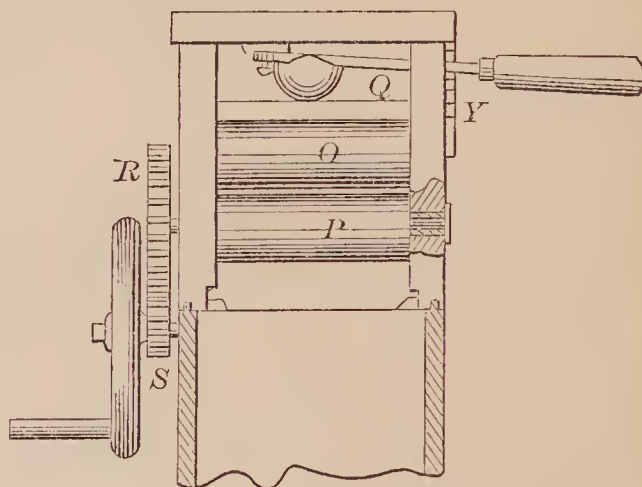
61349—H. Mengel—*For Guiding in Cutting out Coats, &c.*



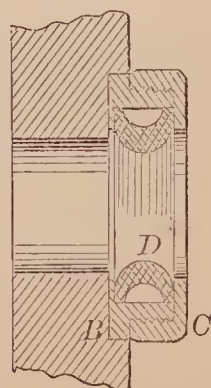
61351—D. P. Nickerson—Vessel Centre Board and Box.



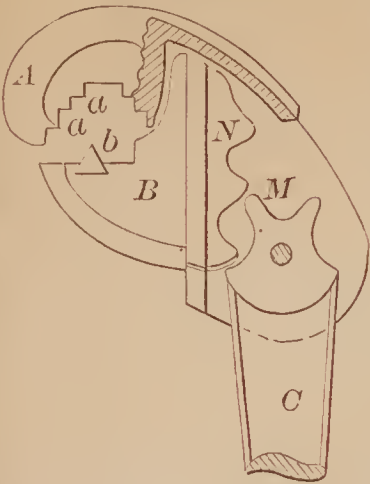
61353—G. Palmer—*Clothes Wringer.*



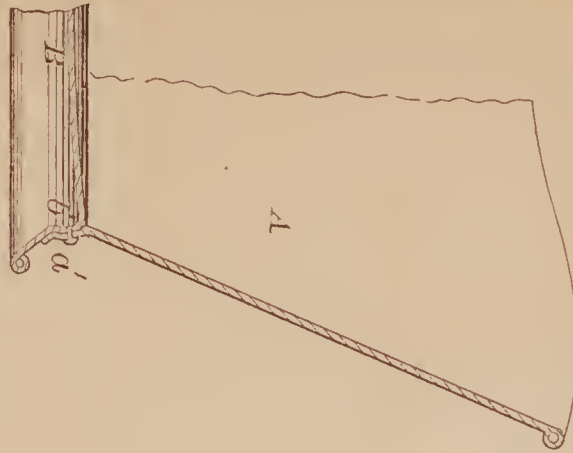
61348—J. E. McBeth—Beer
Barrel Bung.



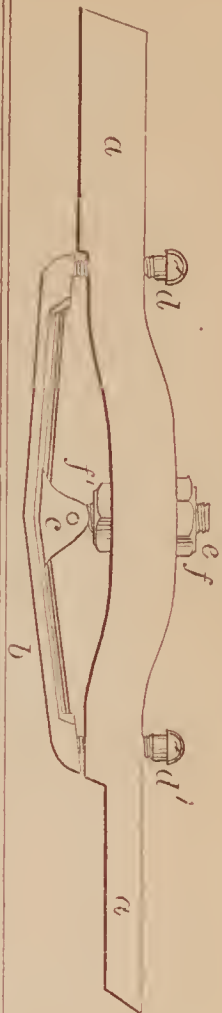
61355—J. L. Peake—
Wrench.



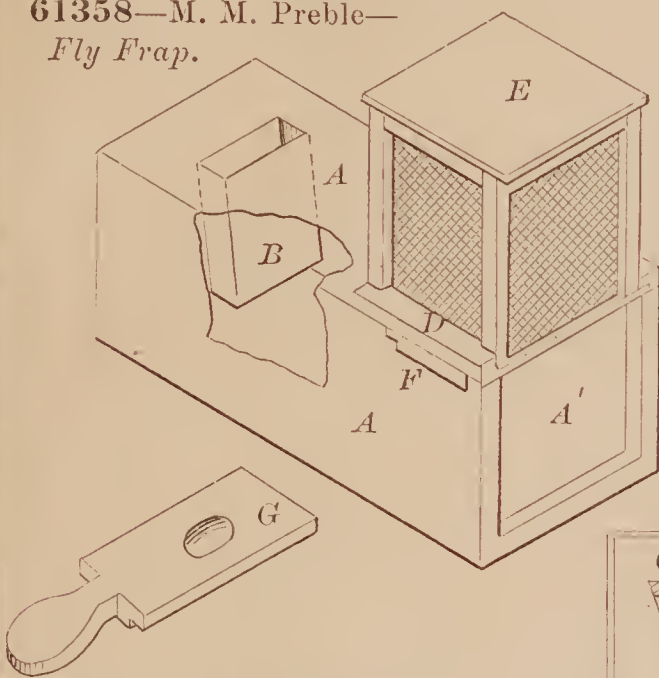
61356—J. Pfeifer—*Coal Scuttle.*



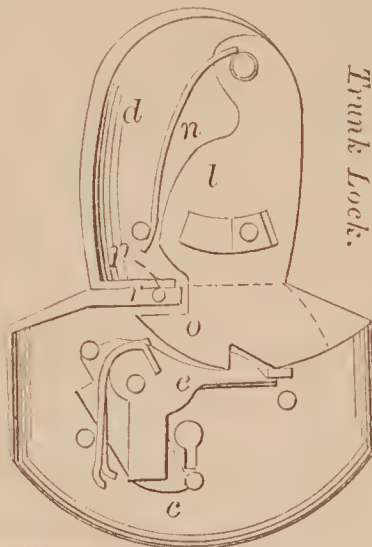
61357—Poland & Cotton—*Shuttle Binder for Looms.*



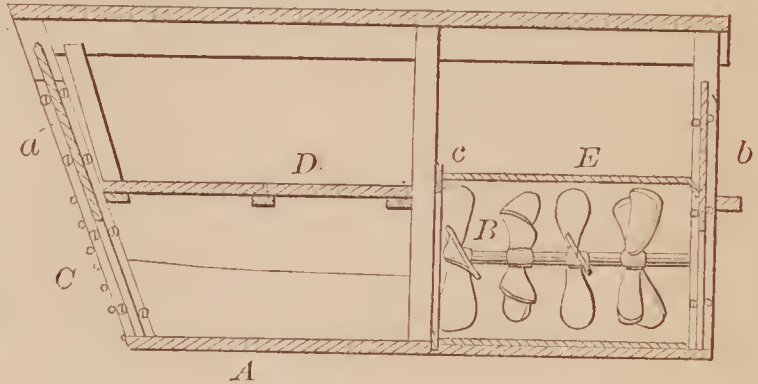
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Fly Frap.



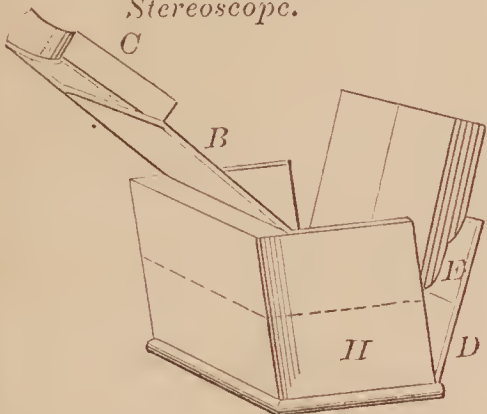
61361—E. A. G. Roultstone—
Trunk Lock.



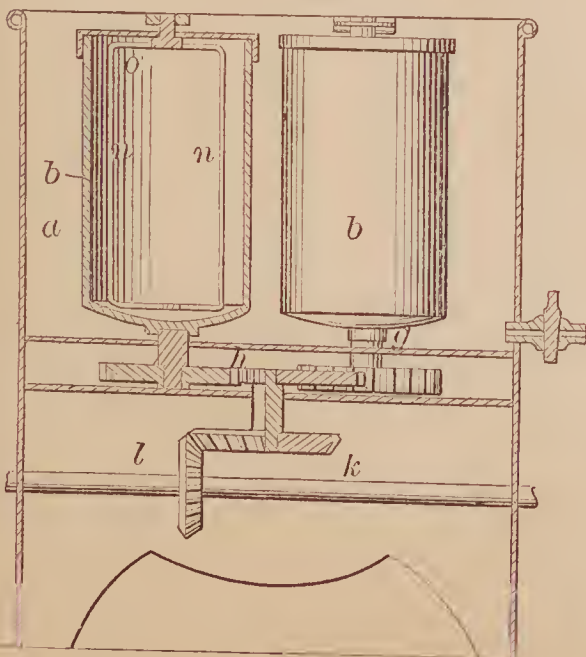
61362—A. Rowe—*Portable Water Power.*



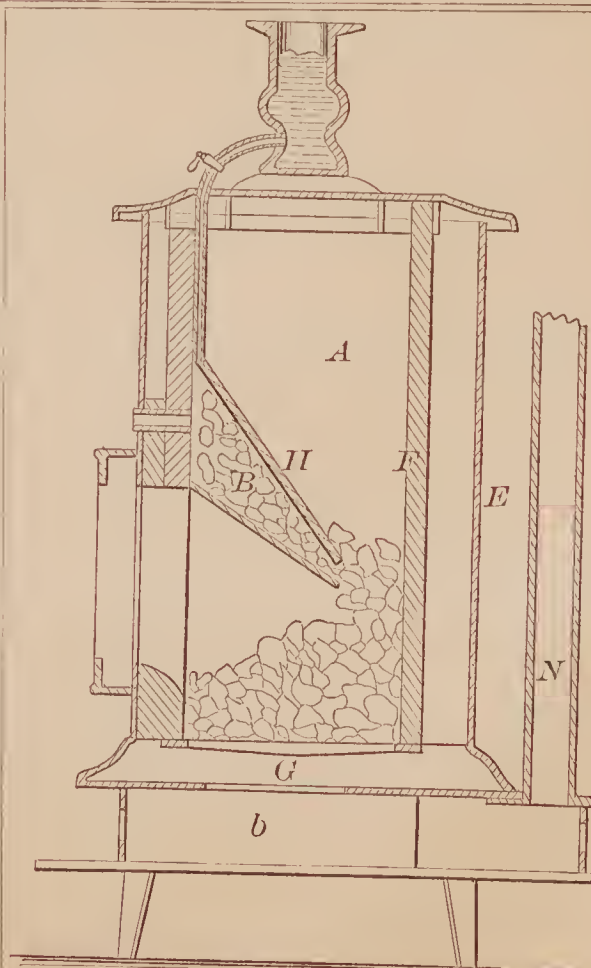
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Stereoscope.

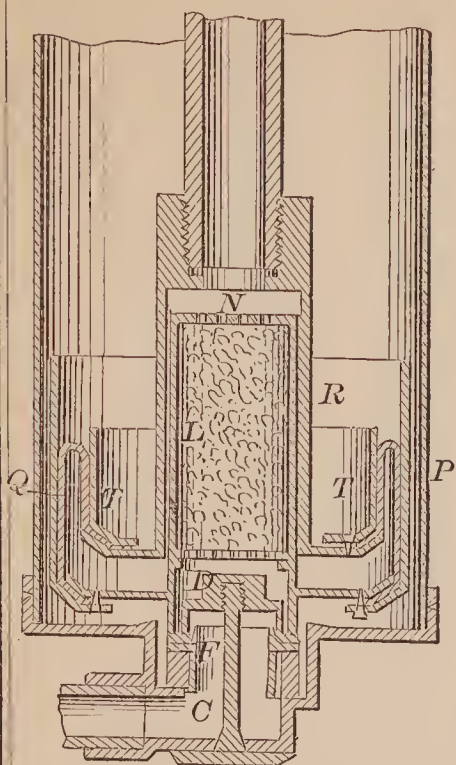
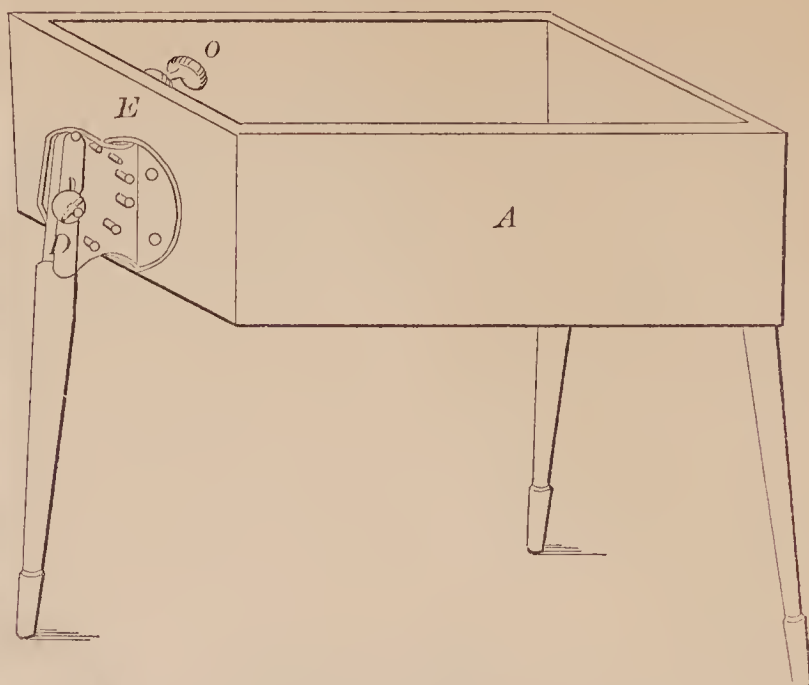
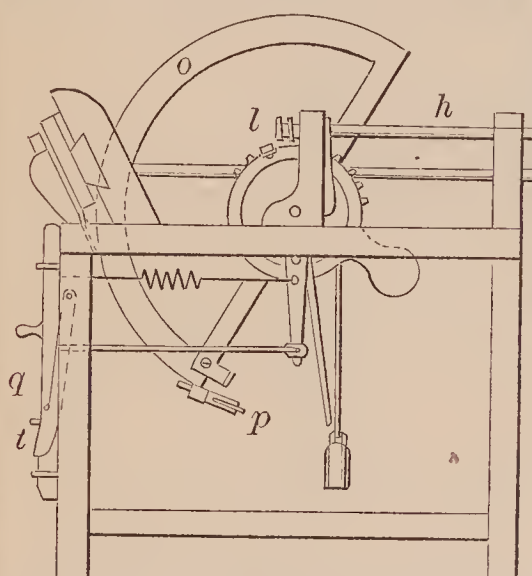
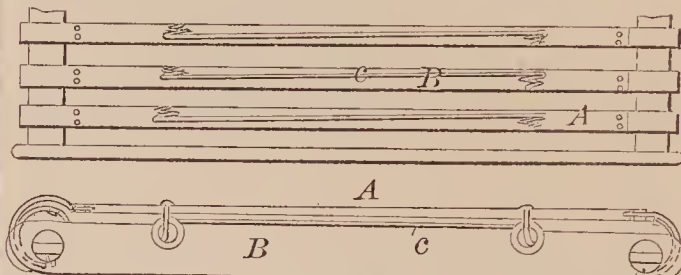
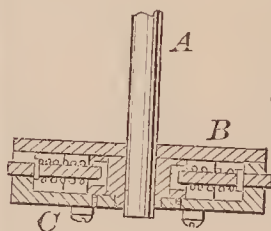
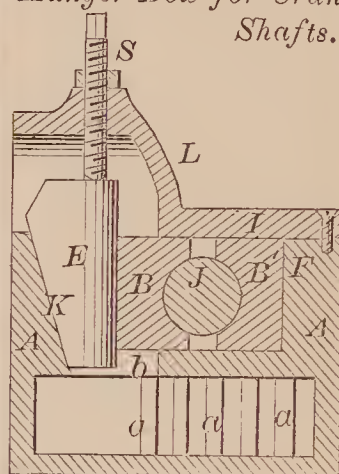
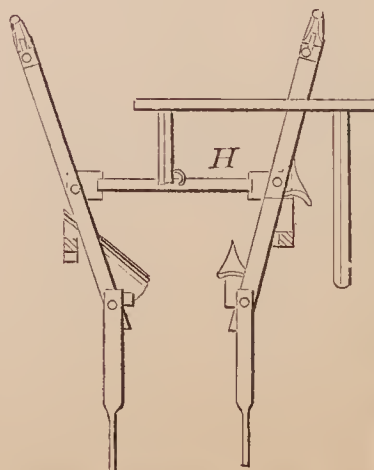
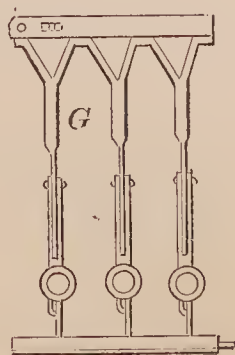
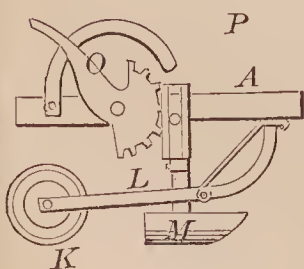
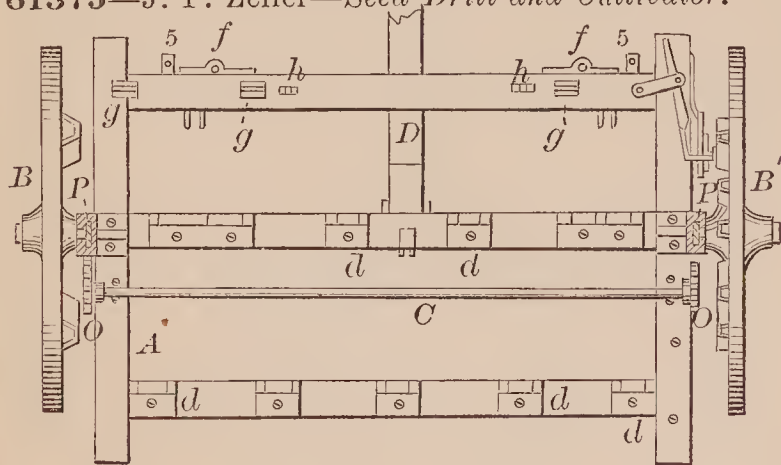
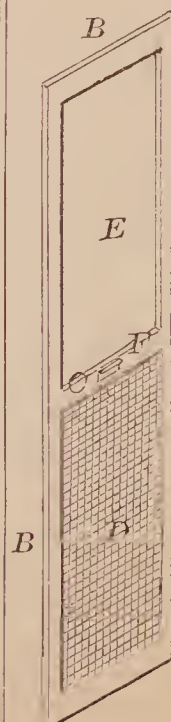


61360—J. E. Robinson—*Ice Cream
Freezer.*

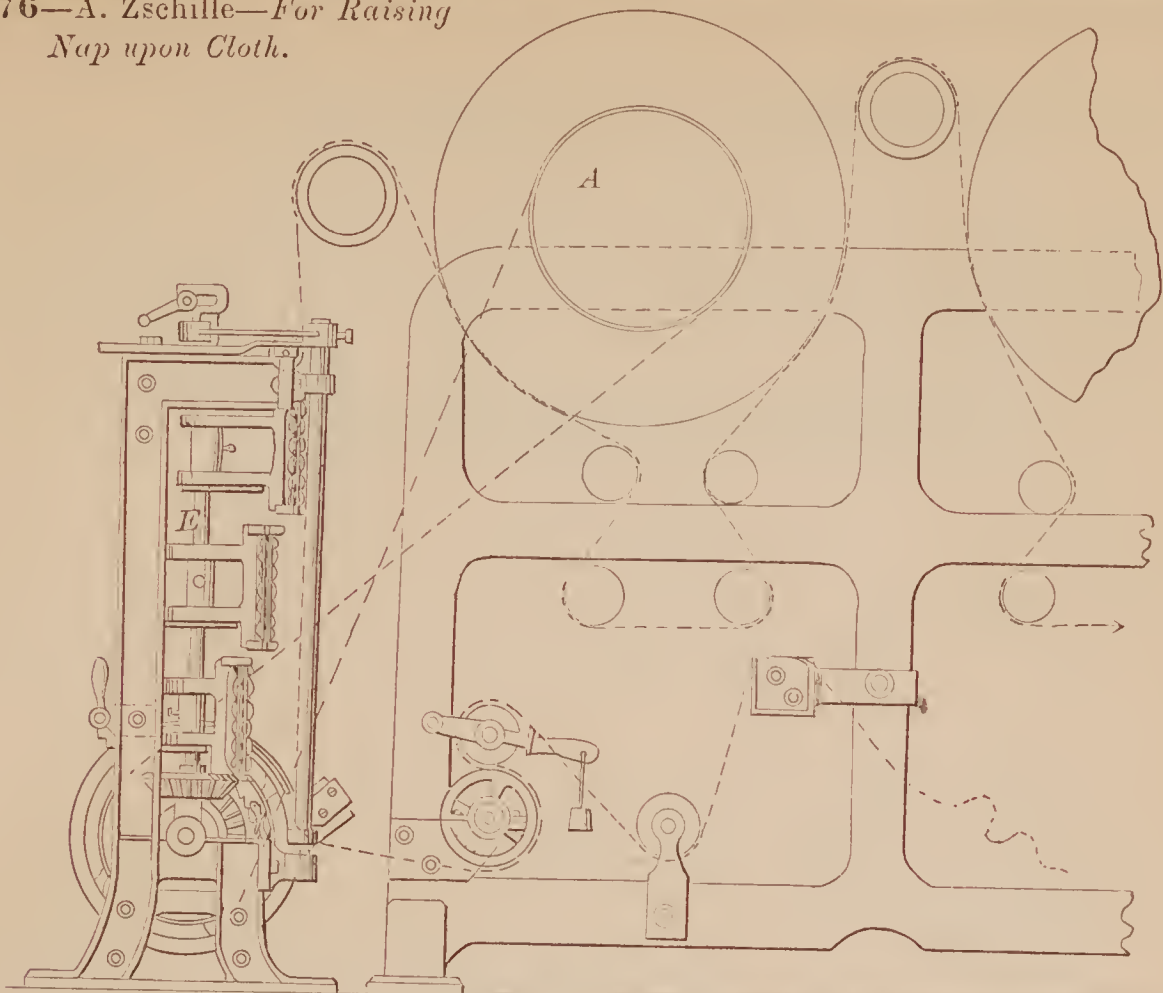


61365—C. J. Shepard—*Base Burning Stove.*

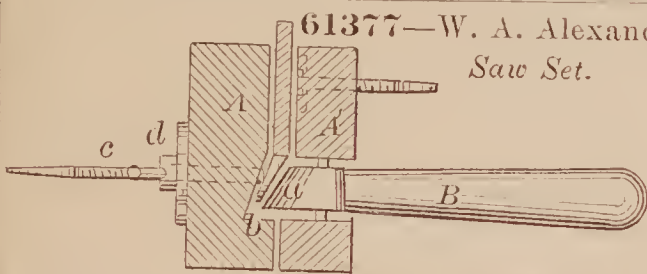


61366—J. N. Smith—*Hydrant.*61372—A. Westcott—*Cheese Vat.*61374—N. J. Willis—*Bed Bottom.*61369—J. P. Feirrell—*Shoe Lacing Machine.*61373—W. D. Whitmore—*Steam Engine Piston.*61370—T. Welch—*Hanger Box for Crank Shafts.*61375—J. P. Zeller—*Seed Drill and Cultivator.*61367—F. U. Stokes—*Railroad Car Screen.*

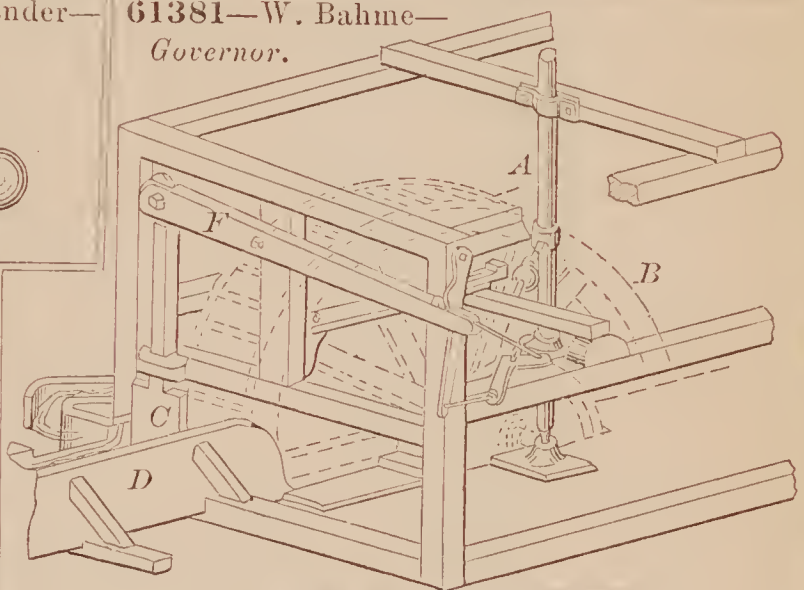
61376—A. Zschille—*For Raising Nap upon Cloth.*



61377—W. A. Alexander—*Saw Set.*



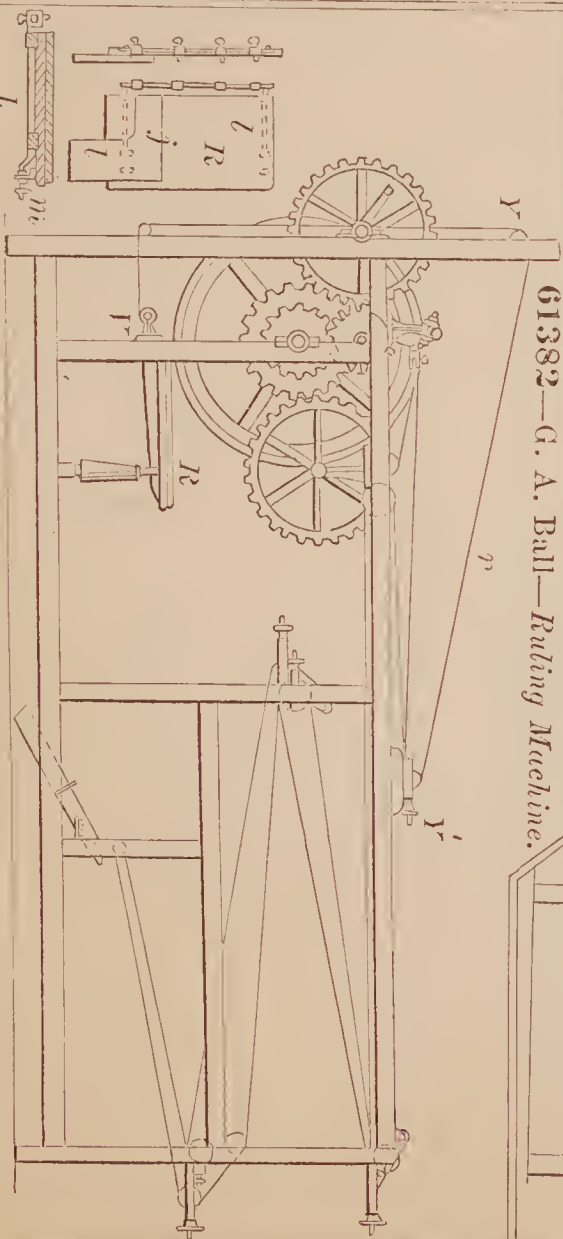
61381—W. Bahme—*Governor.*



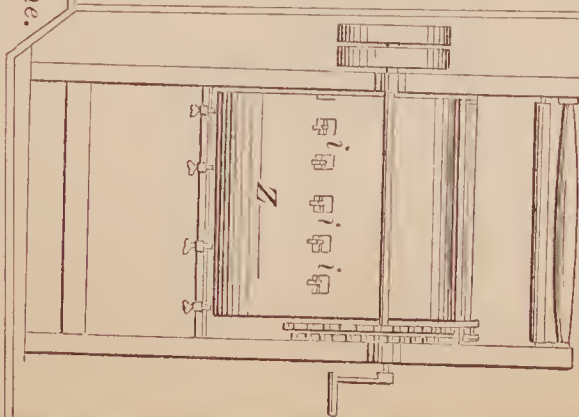
61380—W. Bacheller—*Corset and Skirt Supporter.*



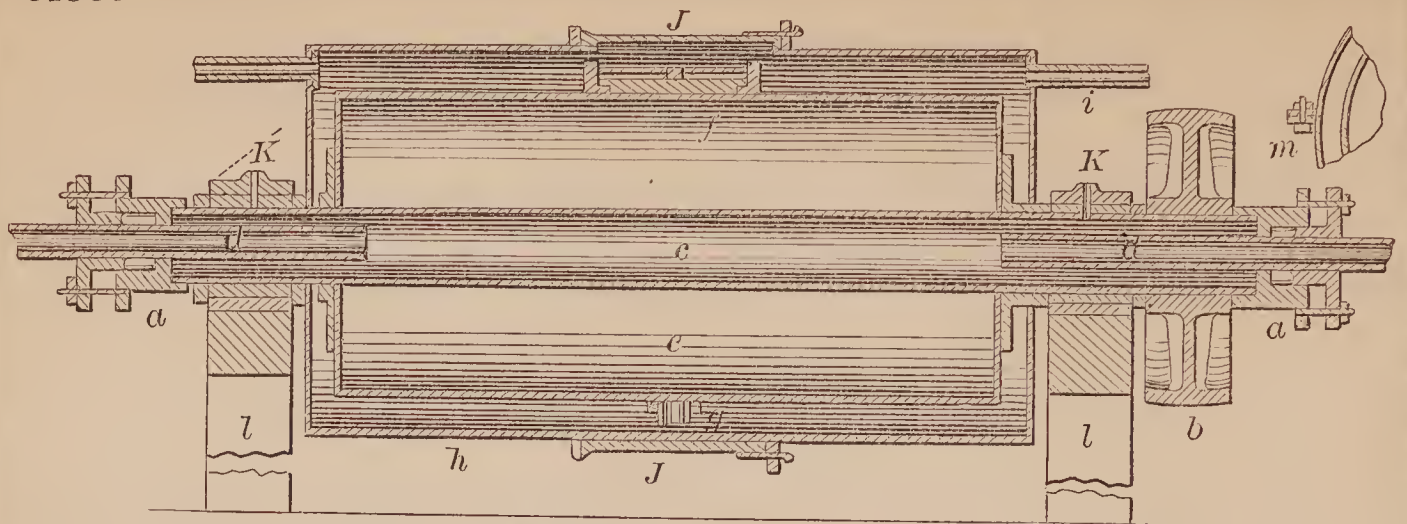
61382—G. A. Ball—*Ruling Machine.*



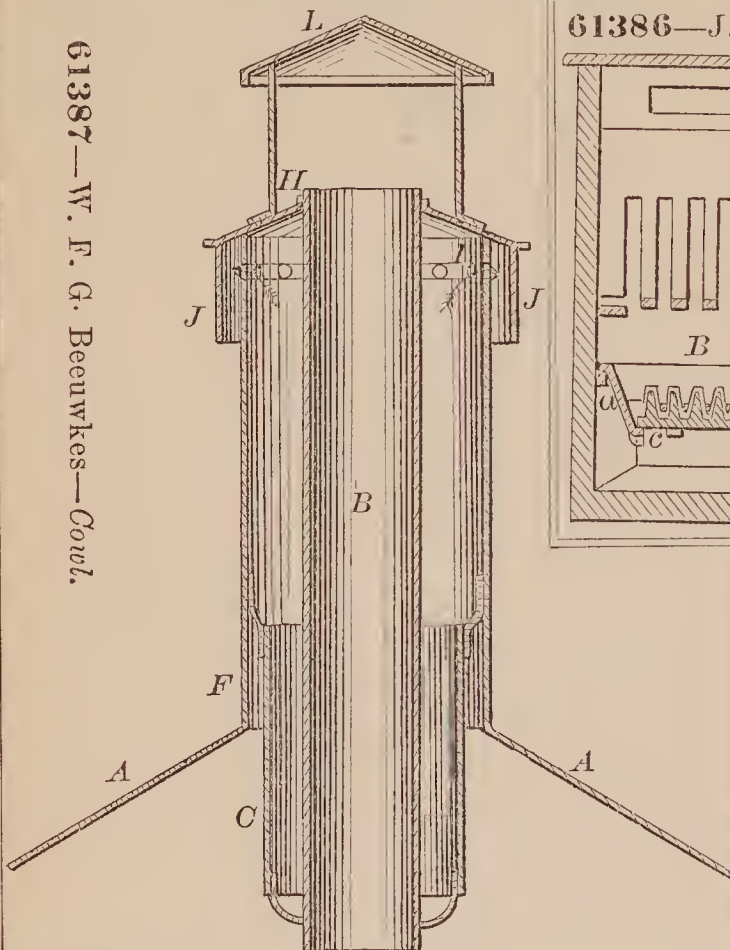
61383—A. Bassett—*For Amalgamating Ores.*



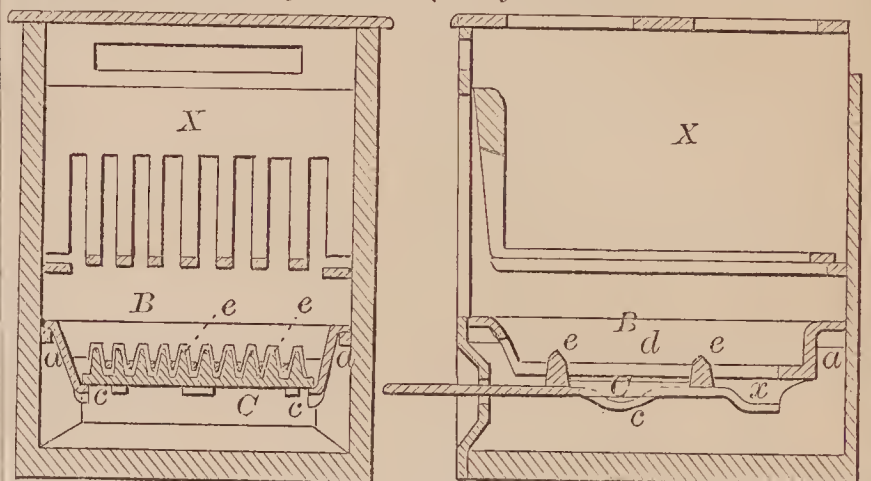
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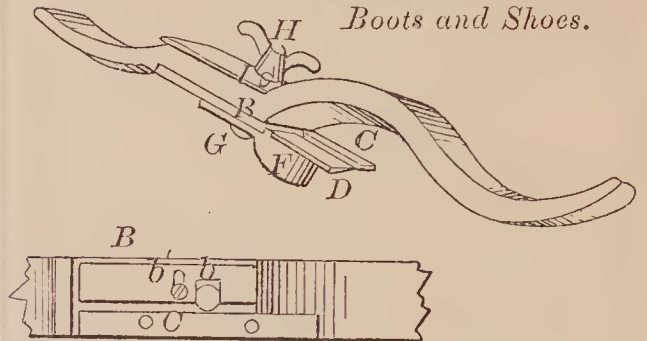
61387—W. F. G. Beunwkes—Cowl.



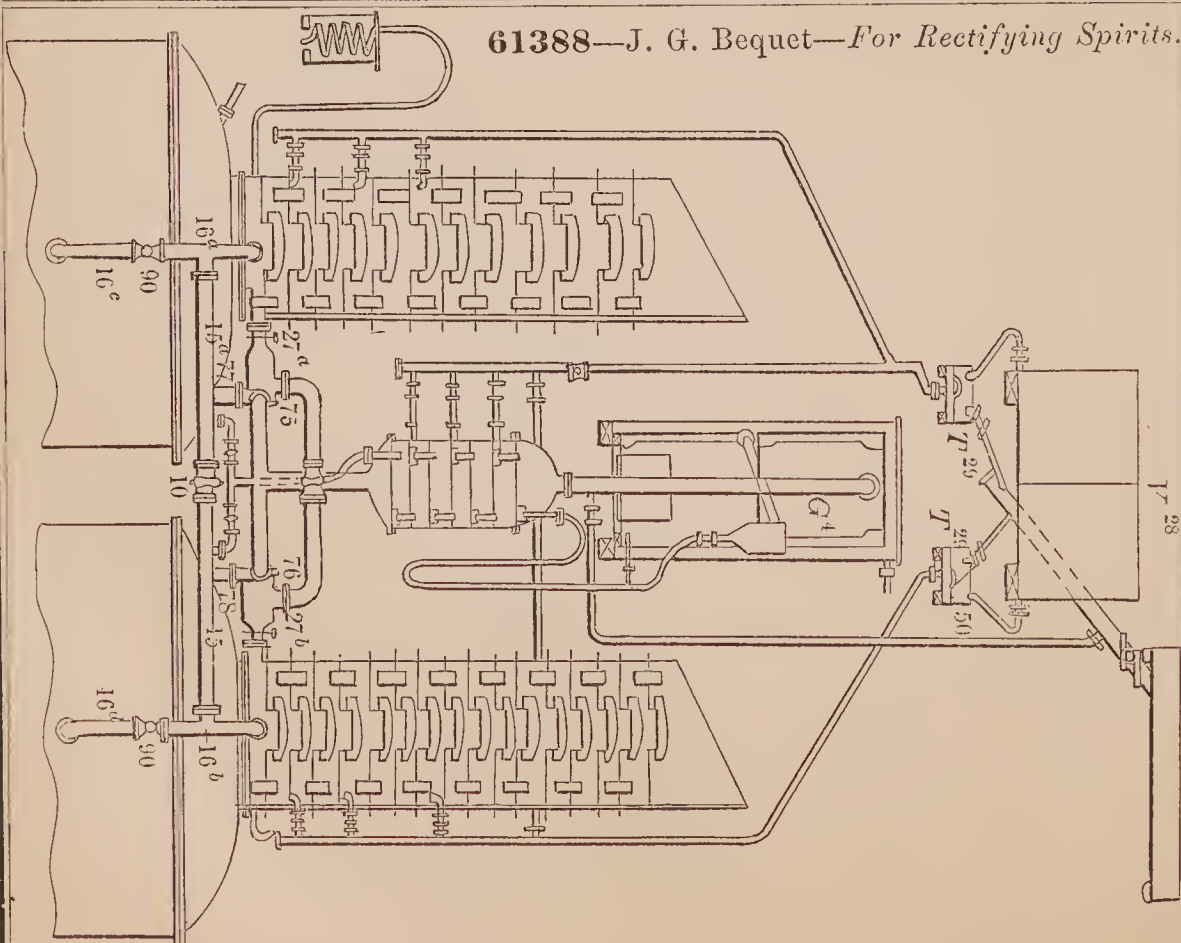
61386—J. Beesley—Ash Sifter for Grates.



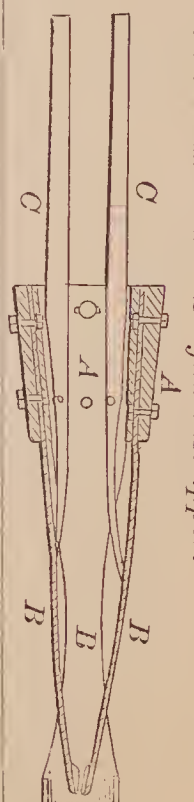
61384—W. Bayhouse—Edge Plane for Boots and Shoes.



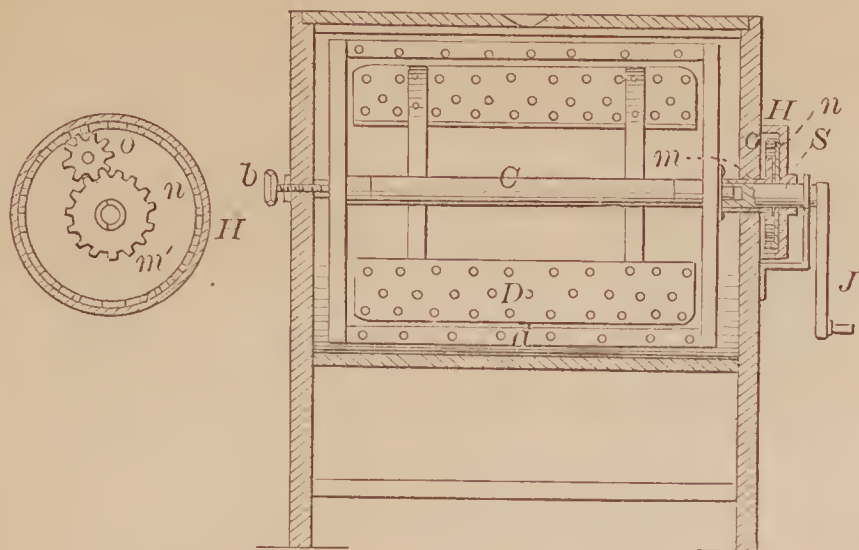
61388—J. G. Bequet—For Rectifying Spirits.



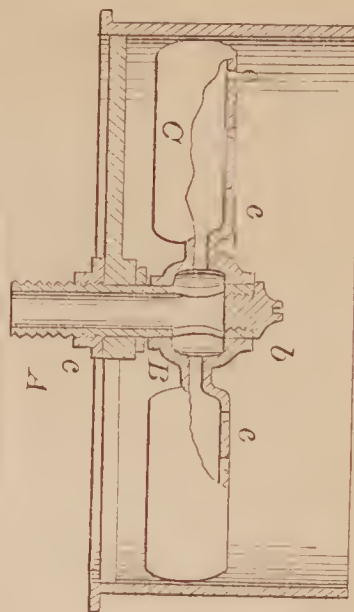
61385—A. Bean—Sorghum Stripper.



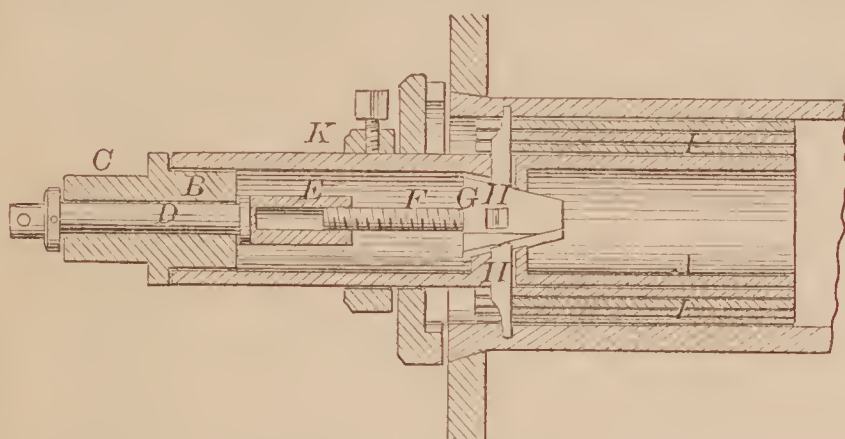
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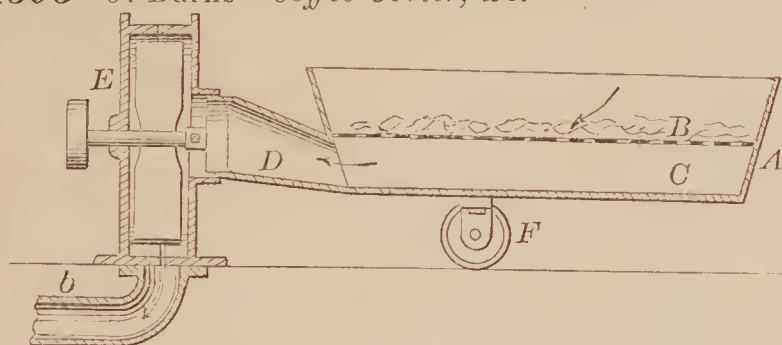
61391—G. W. Bright—Steam Blower.



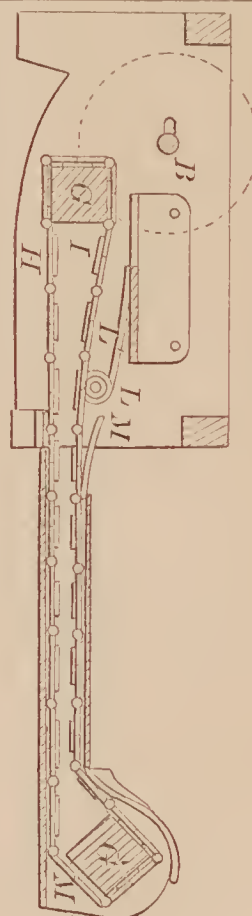
61392—R. H. Burke—Tool for Cutting off Boiler Tubes.



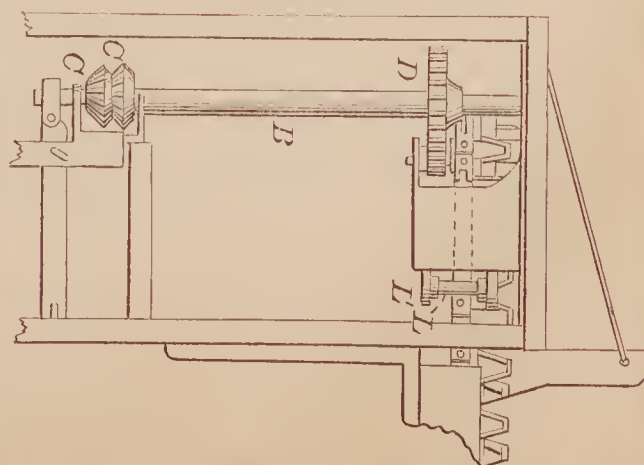
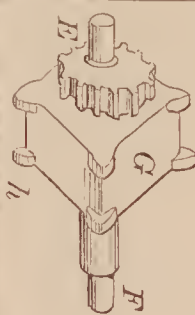
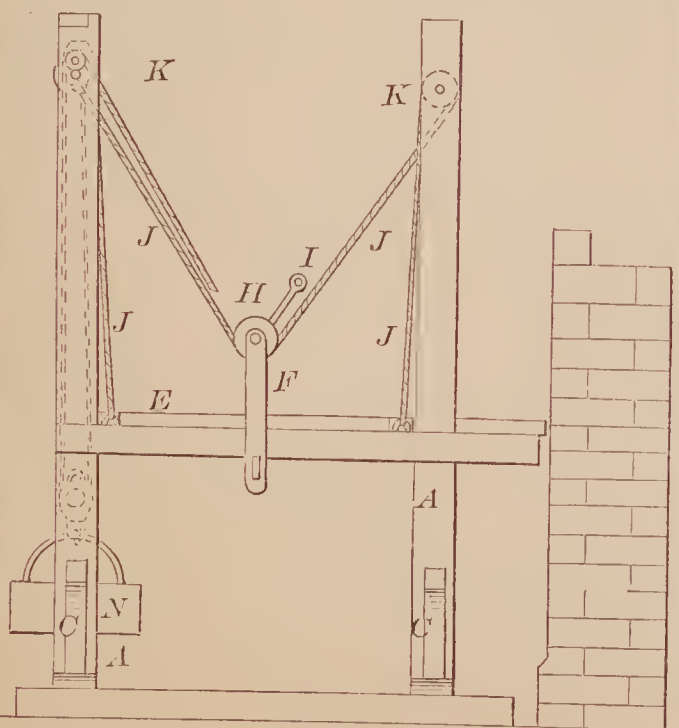
61393—J. Burns—Coffee Cooler, &c.

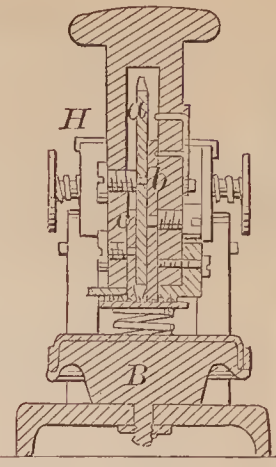
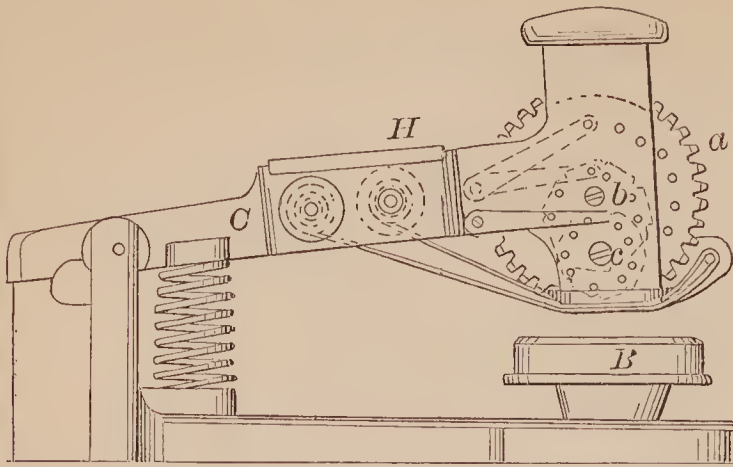
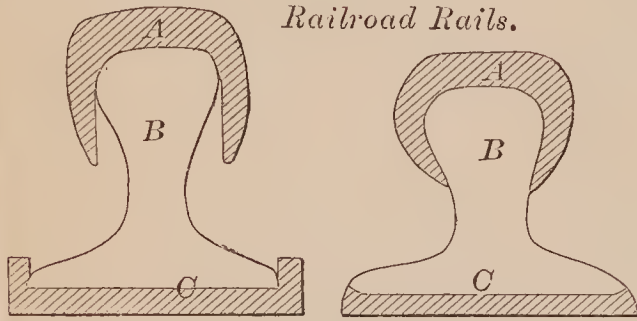
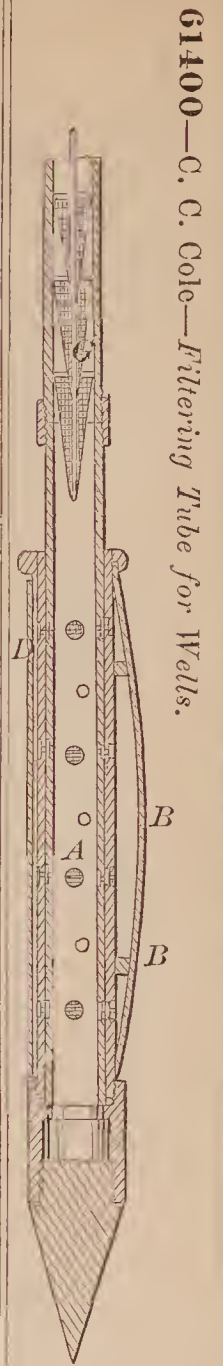
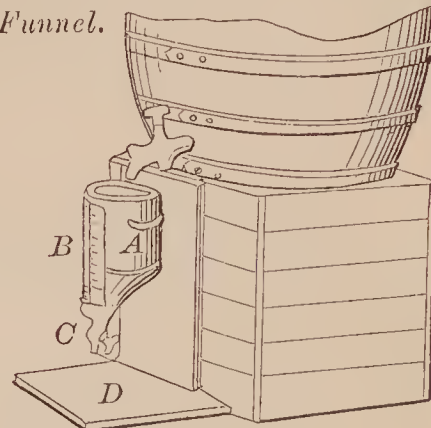
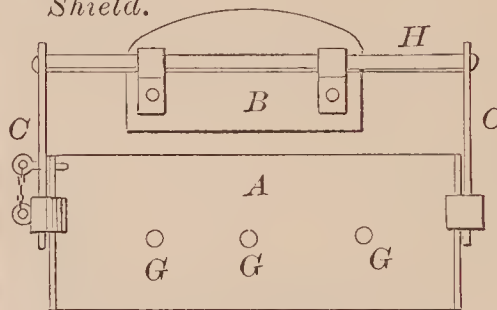
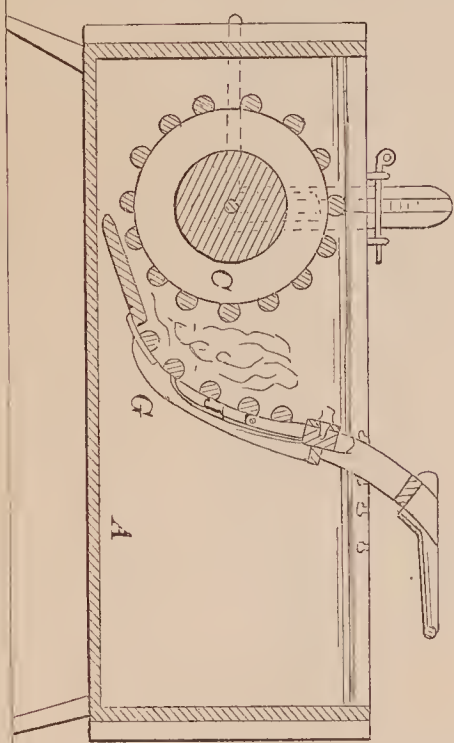
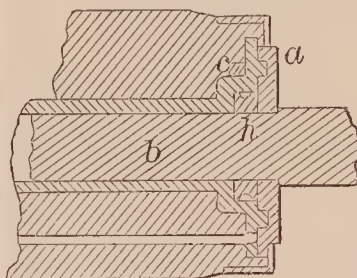
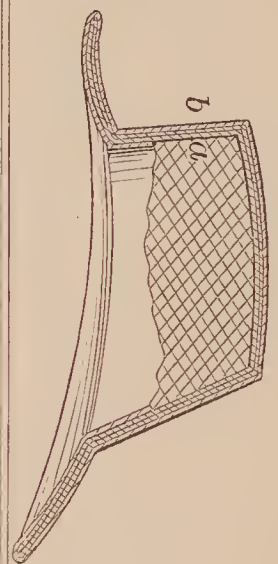
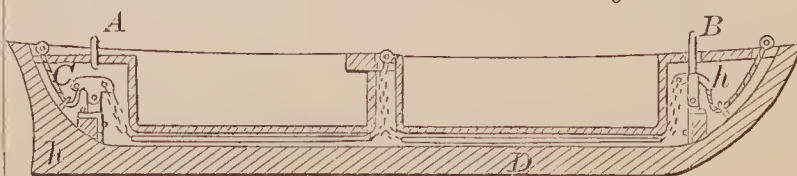
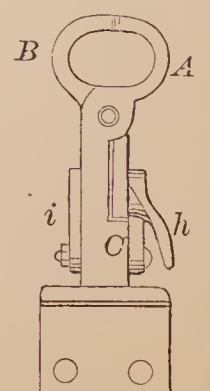
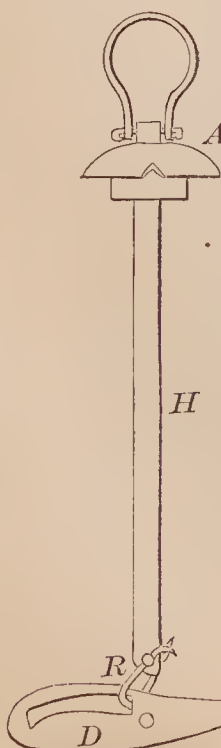


61394—C. Canwell—Harvester Cutter.

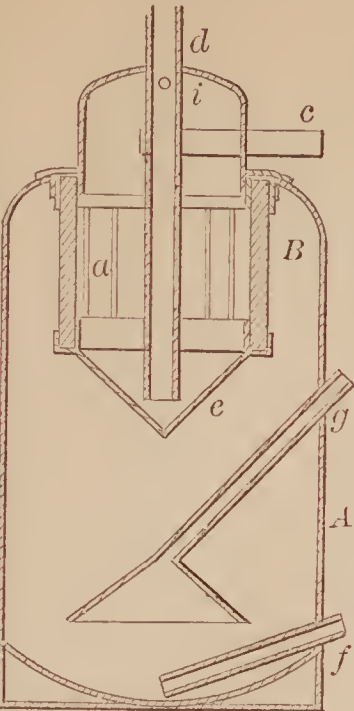


61395—L. B. Carpenter—Scaffold.

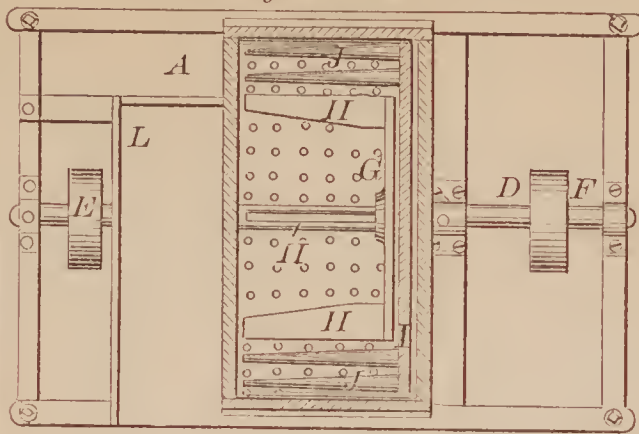


61396—D. H. Chamberlain—*Hand Stamp.*61397—O. Chanute—*Repairing Railroad Rails.*61398—W. B. Cleves—*Measuring Funnel.*61401—E. S. Collins—*Furnace Shield.*61405—C. Daniel—*Washing Machine.*61402—H. S. Cook—*Wheel and Axle Connection.*61403—E. Copleston—*Head Covering.*61406—W. A. Devon—*Boat Detaching Tackle.*61399—W. B. Coates—*Car Coupling.*

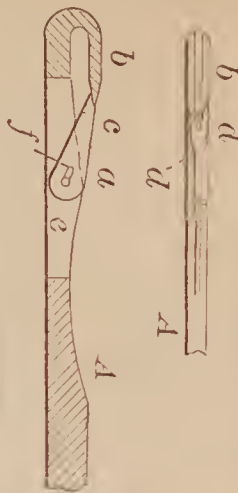
61407—J. Doering—*Filter.*



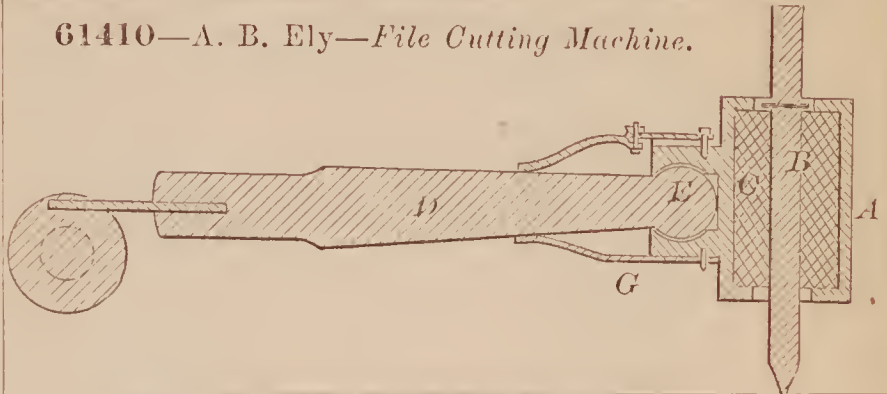
61411—S. Fay—*Cotton Opening and Cleaning Machine.*



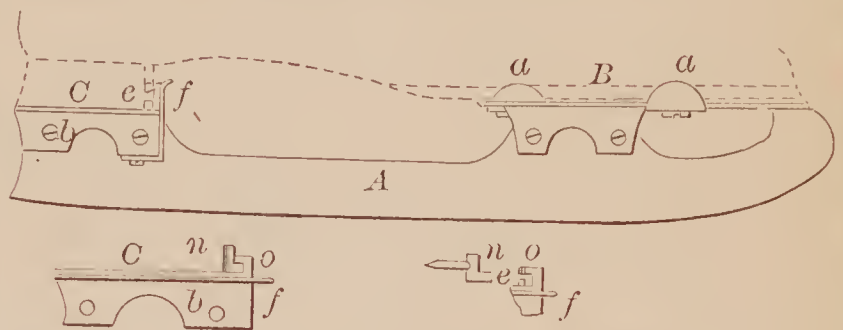
61413—L. W. Fifield—*Knitting Machine Needle.*



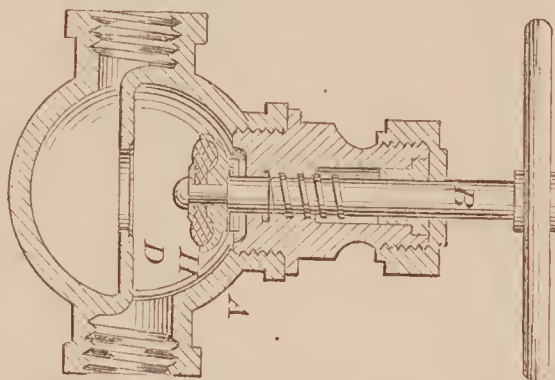
61410—A. B. Ely—*File Cutting Machine.*



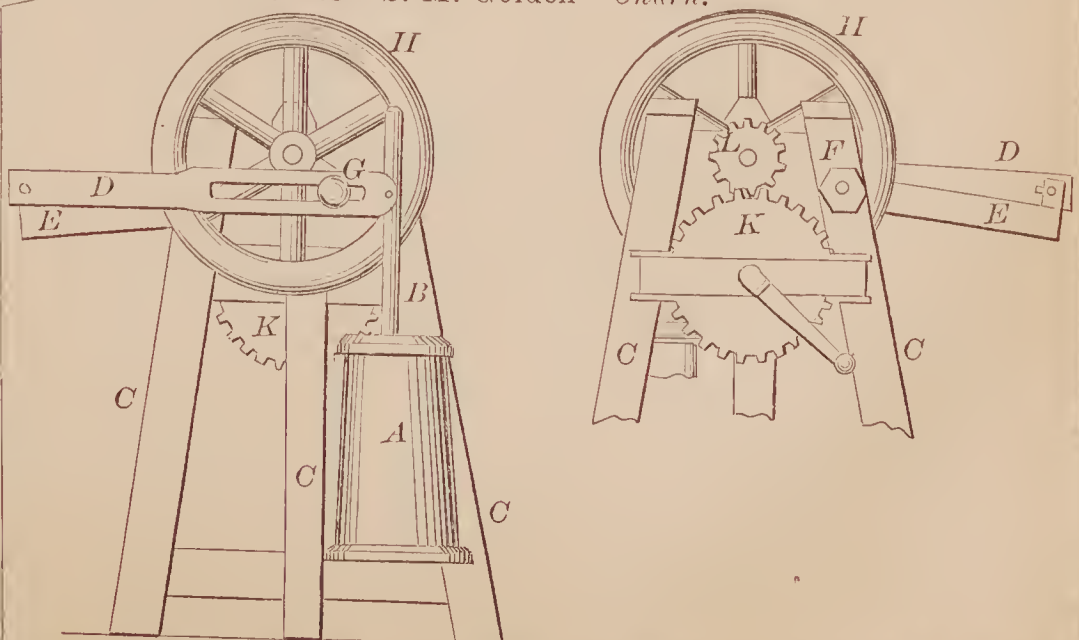
61409—R. E. Ellerbeck—*Skate.*



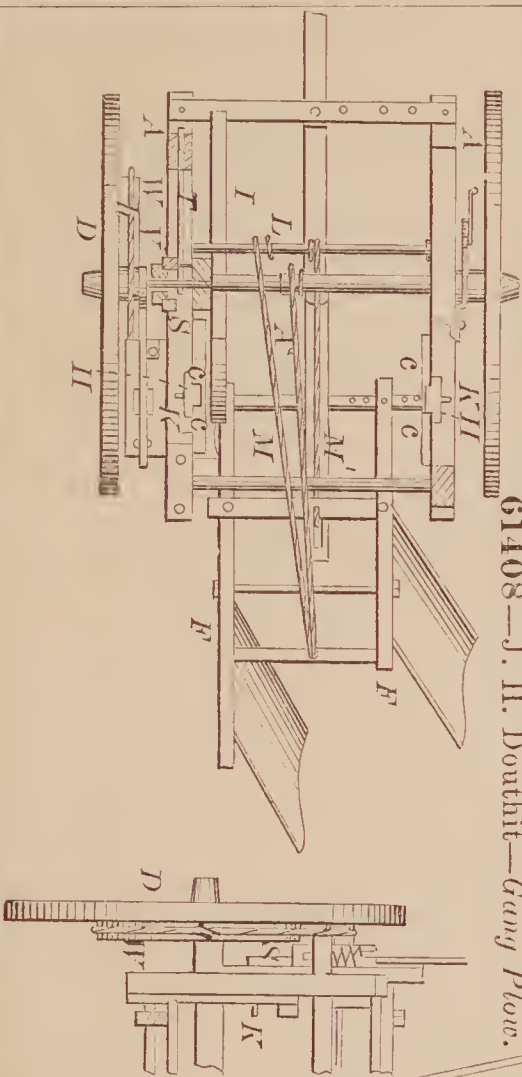
61414—C. L. Frink—*Globe Valve.*



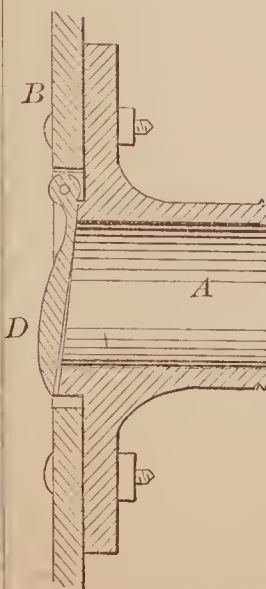
61415—S. M. Golden—*Churn.*



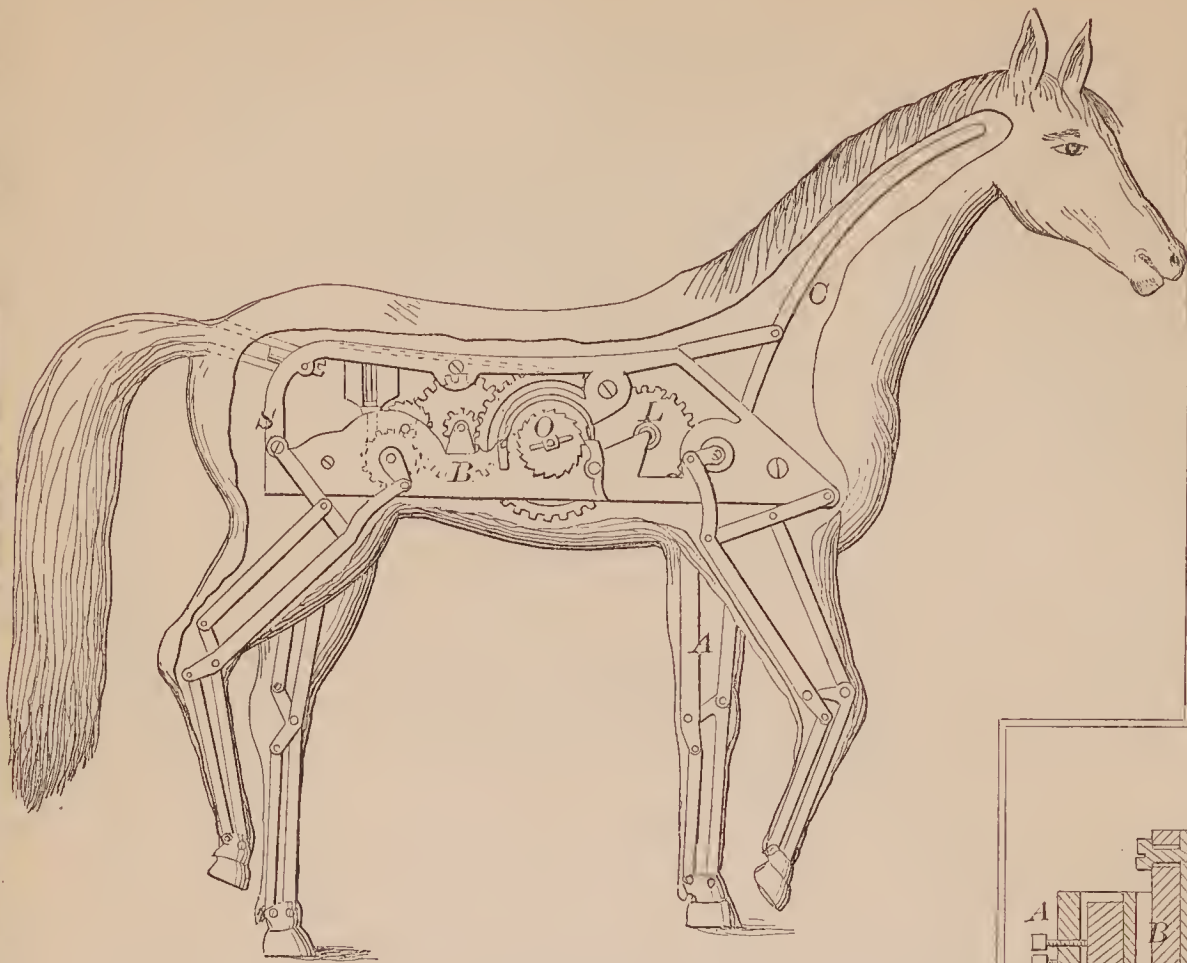
61408—J. H. Douthit—*Gang Plow.*



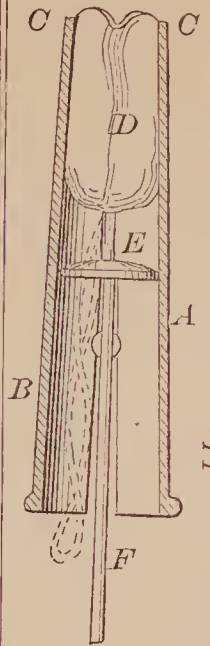
61412—T. F. Field—*For Changing Water in Generators of Steam.*



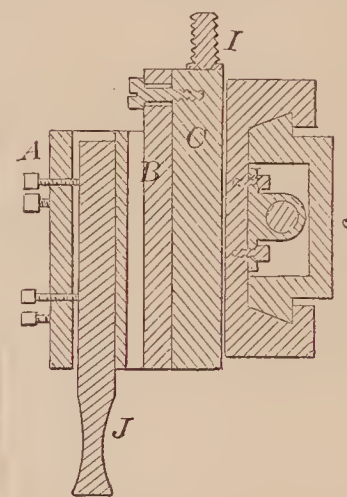
61416—W. F. Goodwin—Automatic Toy.



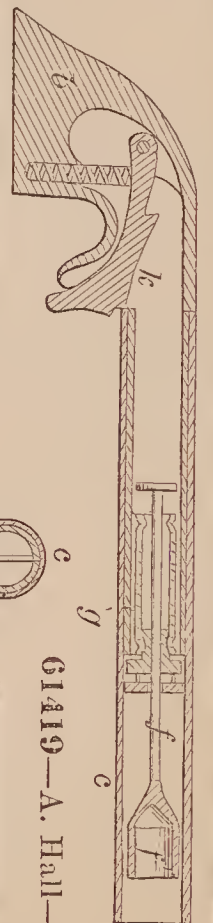
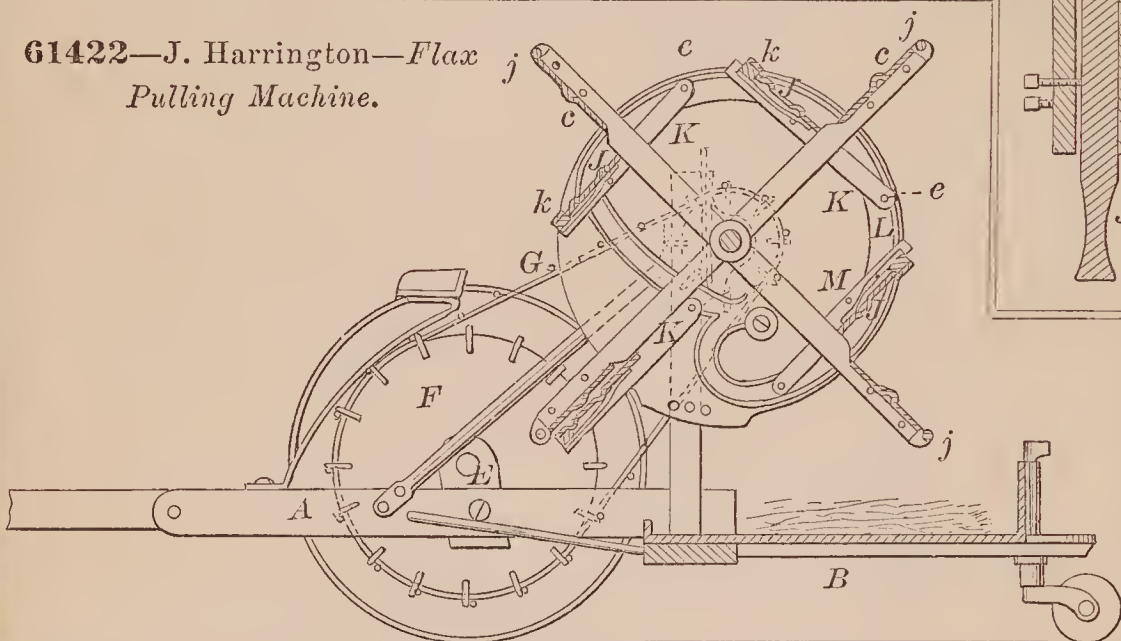
61417—W. G. Grant—Uterine Support Director.



61420—C Hall—Tool Holder for Planing Machines.

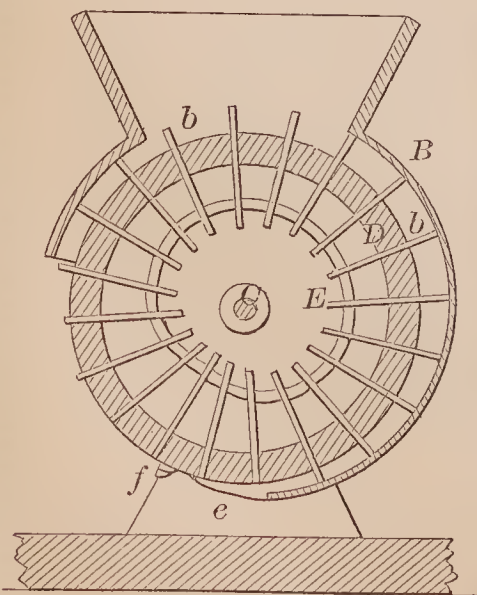


61422—J. Harrington—Flax Pulling Machine.

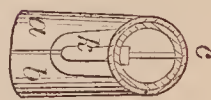
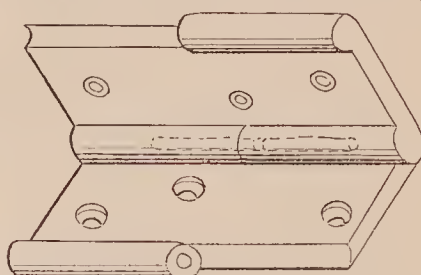


61419—A. Hall—Toy Gun.

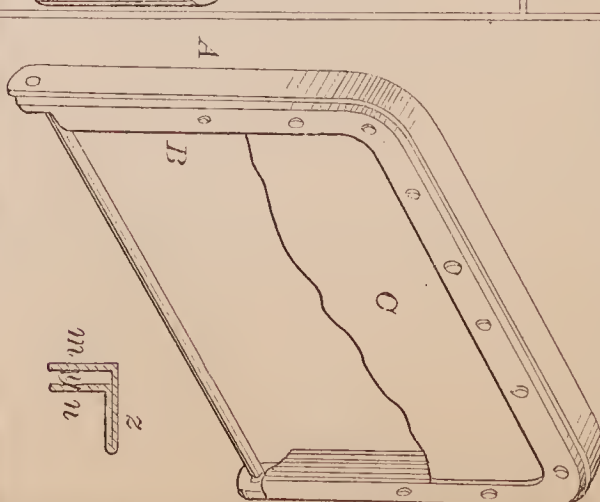
61418—S. B. Greacen—Peat Machine.



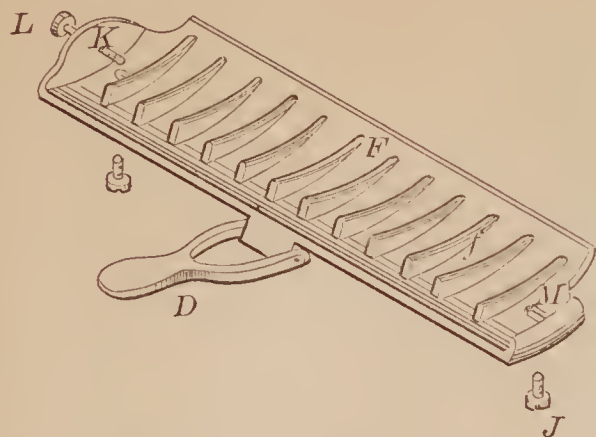
61421—W. Hancock—Hinge.



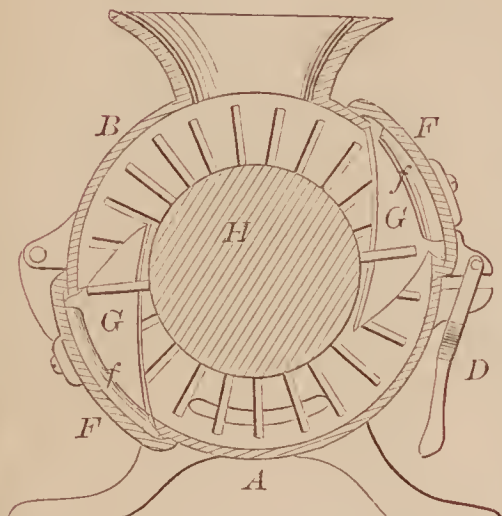
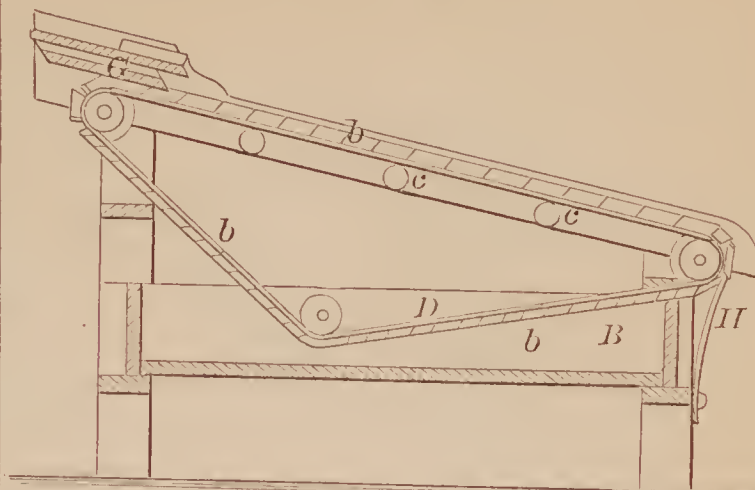
61423—G. Havell—Bag Frame.



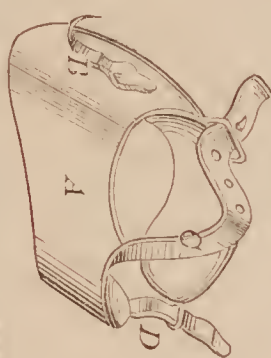
61424—J. L. Haven—*Meat Cutter.*



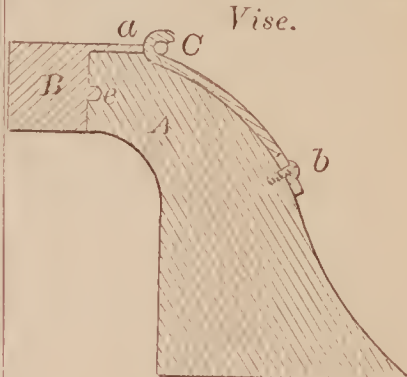
61426—T. D. & W. A. Hedger—*Revolving Sluice for Saving Metals.*



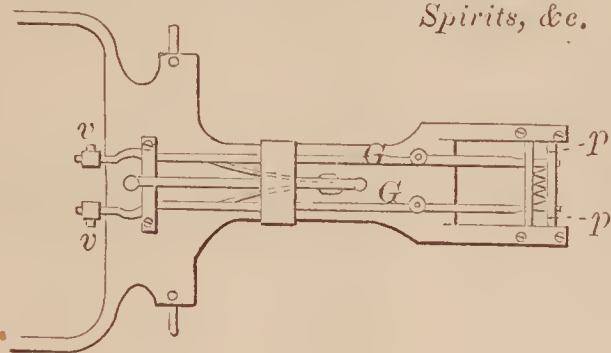
61428—J. Hindman—*Corn Husker.*



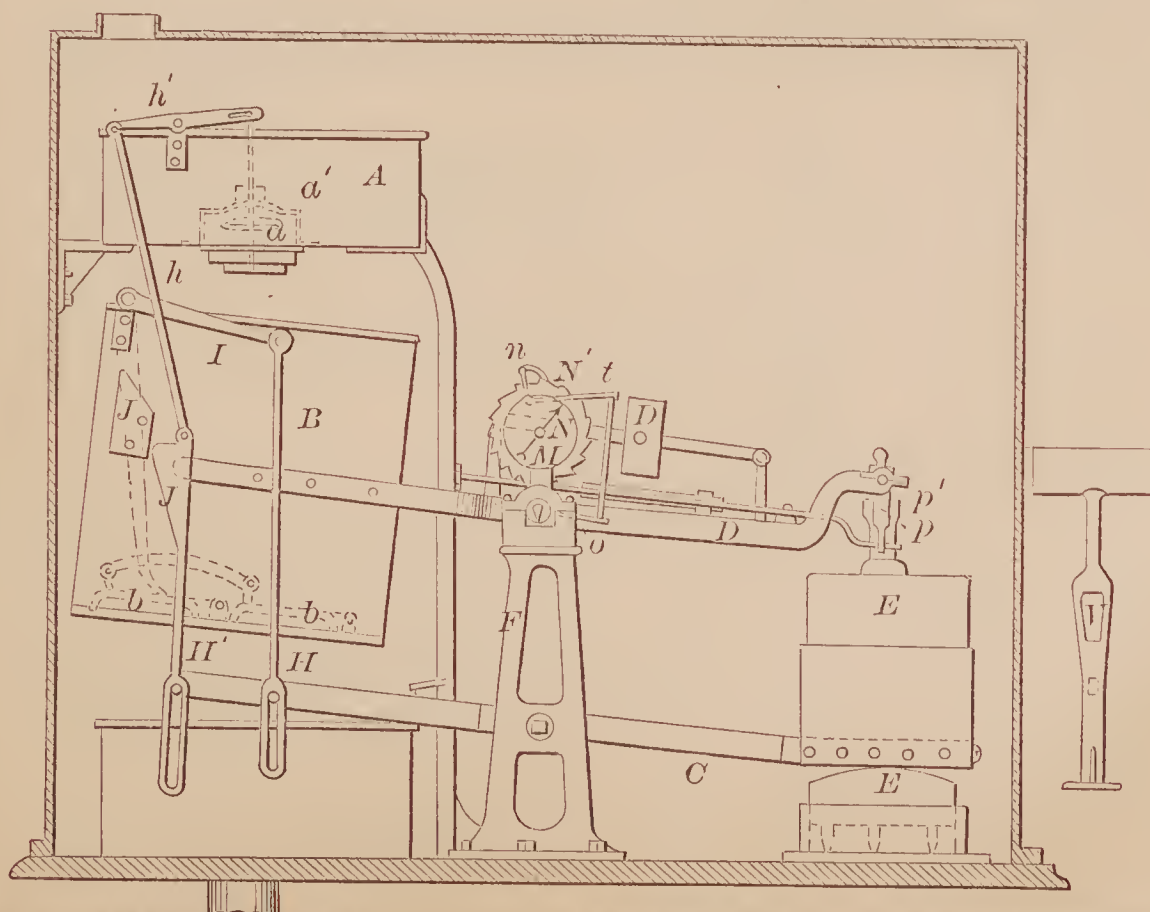
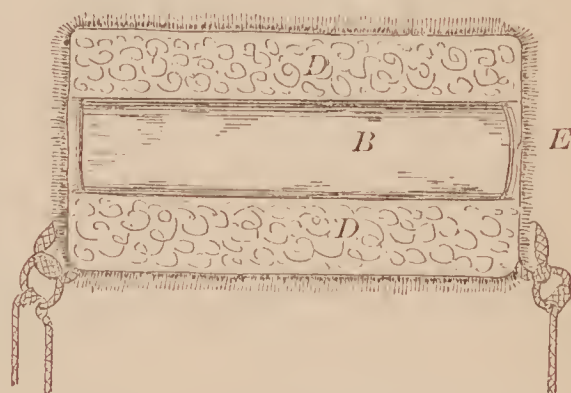
61429—J. S. Hoar—*Bench Vise.*



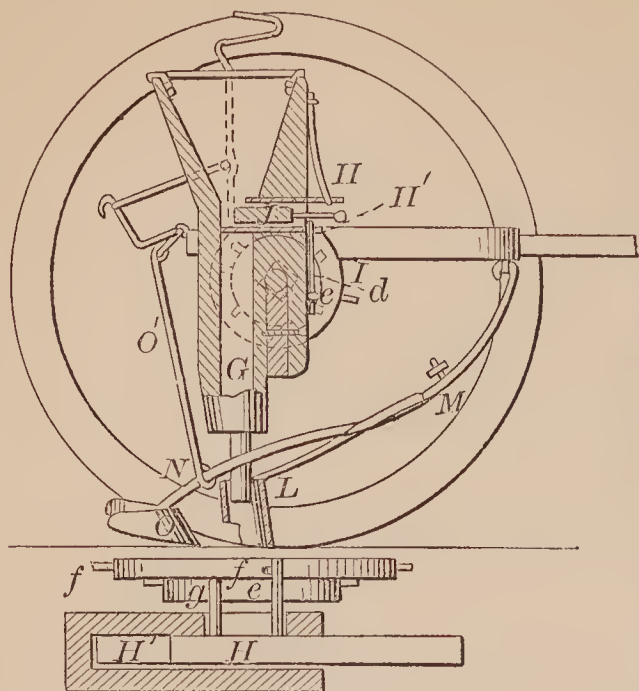
61425—S. K. Hawkins—*For Weighing Spirits, &c.*



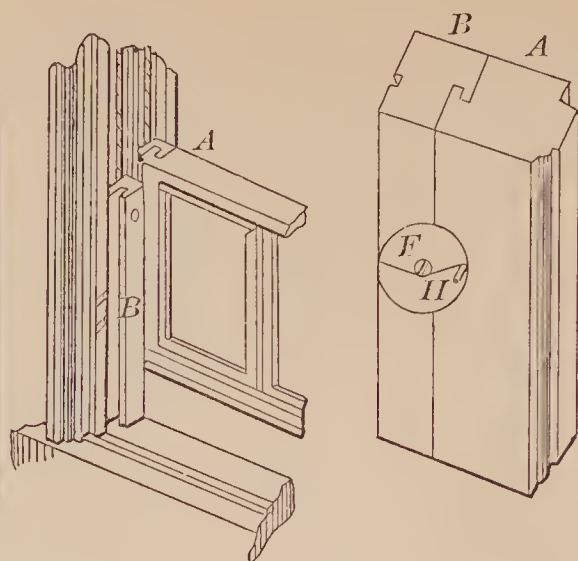
61430—Hollwede & Brzezinsky—*Muff.*



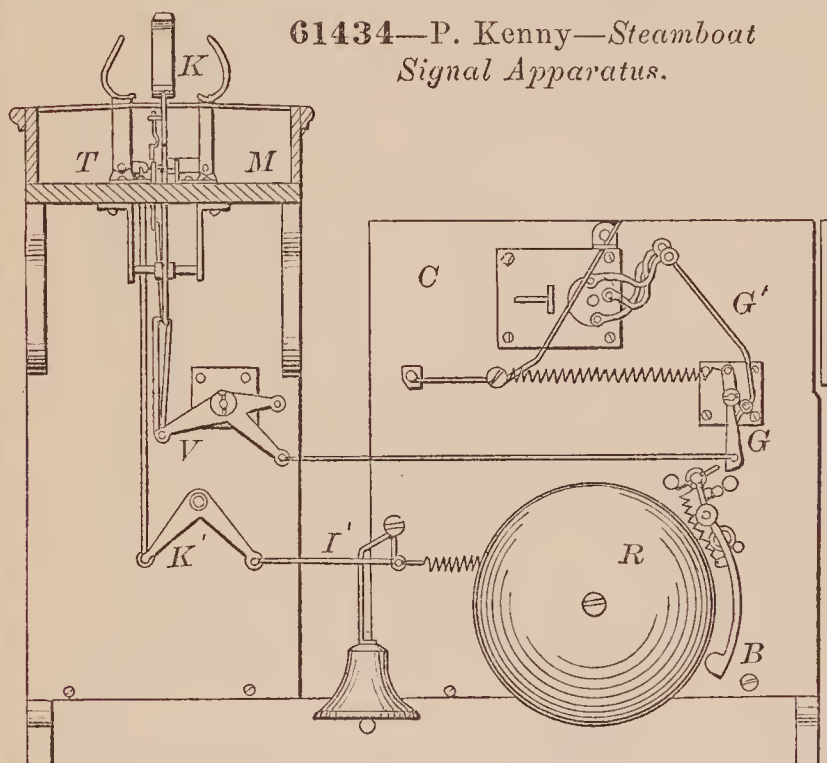
61431—D. S. Holman—Seed Planter.



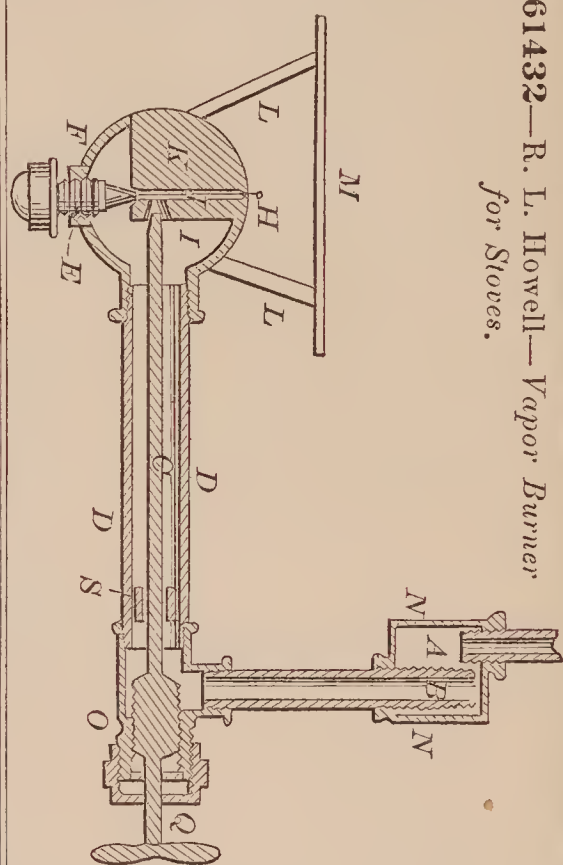
61433—A. Iske—Sash and Fastener.



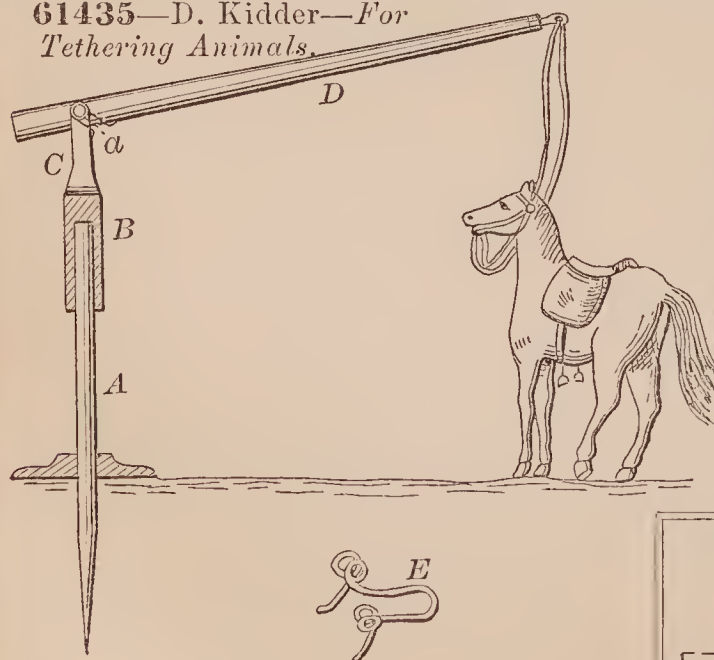
61434—P. Kenny—Steamboat Signal Apparatus.



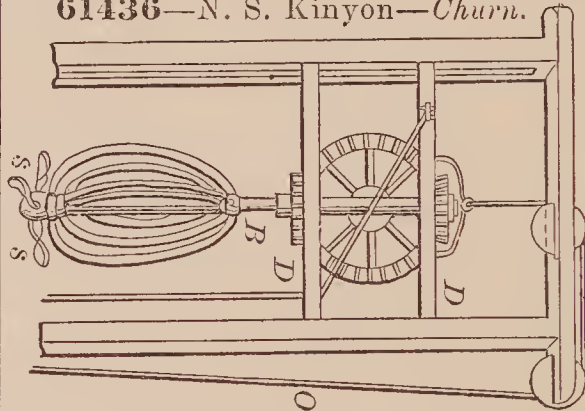
61432—R. L. Howell—Vapor Burner for Stoves.



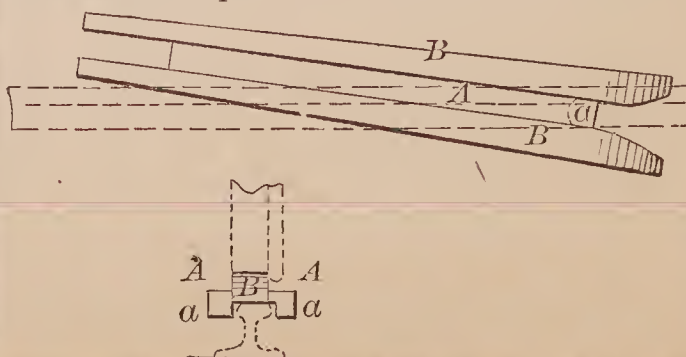
61435—D. Kidder—For Tethering Animals.



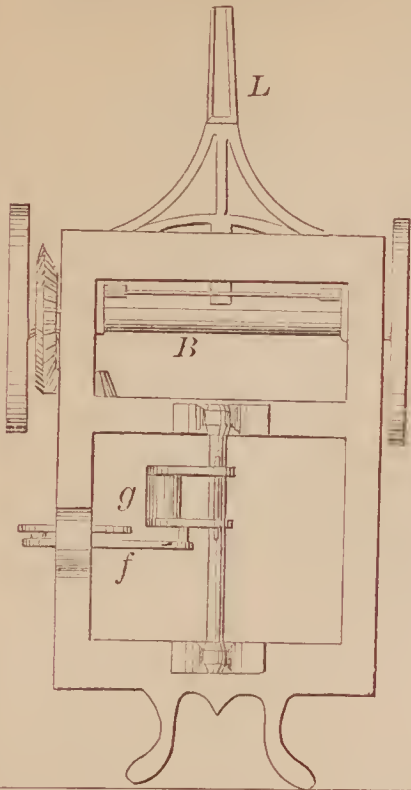
61436—N. S. Kinyon—Churn.



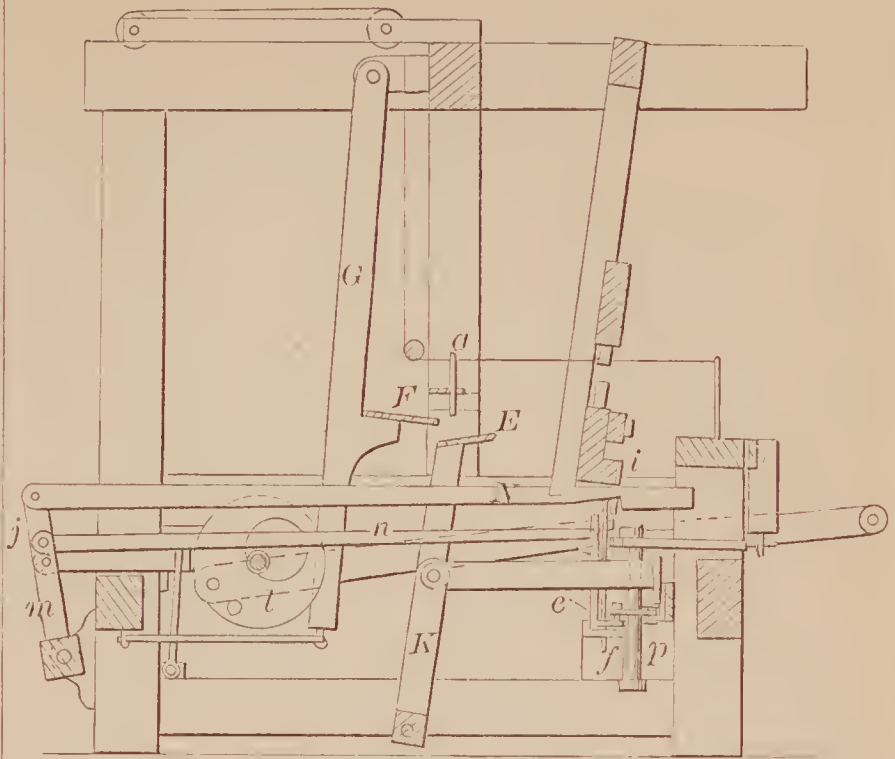
61437—Lape & Leathe—Railroad Switch.



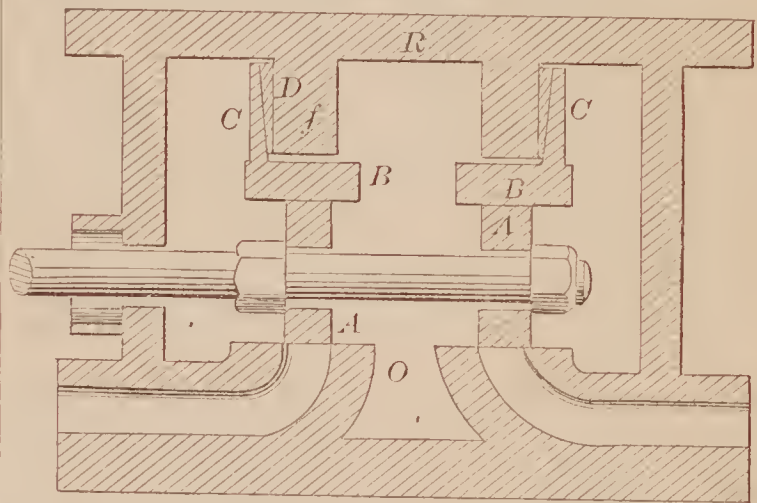
61438—D. P. Lewis—*Cotton Chopper and Thinner.*



61439—A. J. Loiseau—*Stop Motion for Looms.*



61441—Lynn & Snowden—*Slide Valve.*



61443—B. F. Miller—*Stove Pipe Radiator.*

Fig. 1

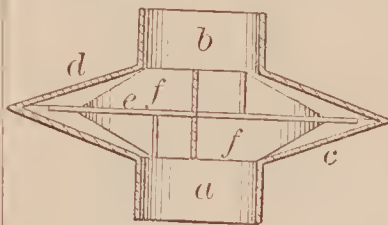
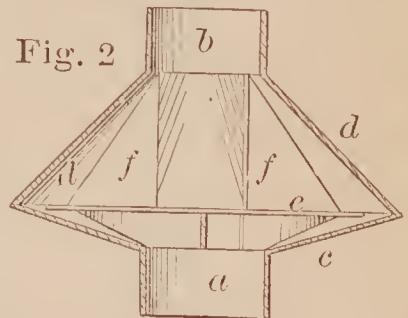
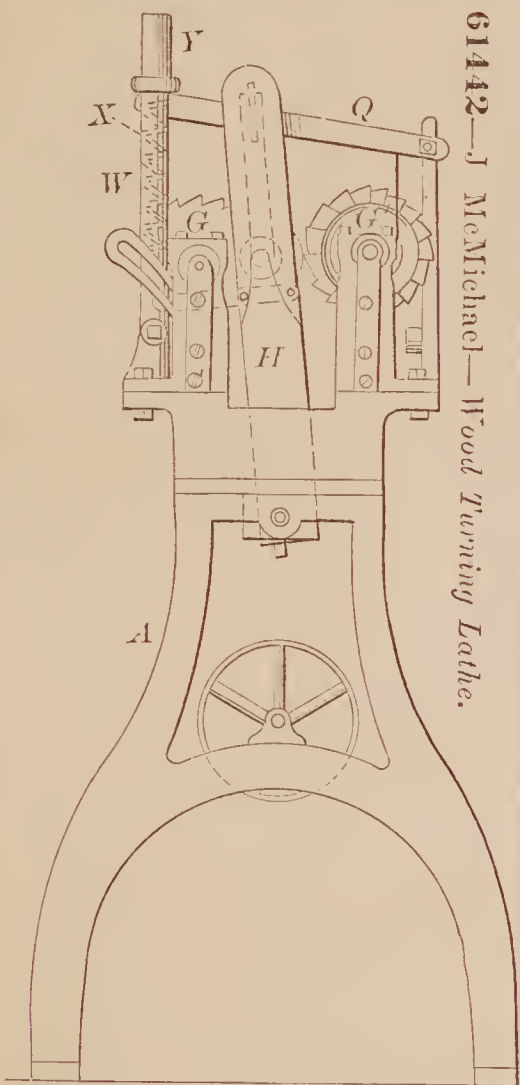


Fig. 2



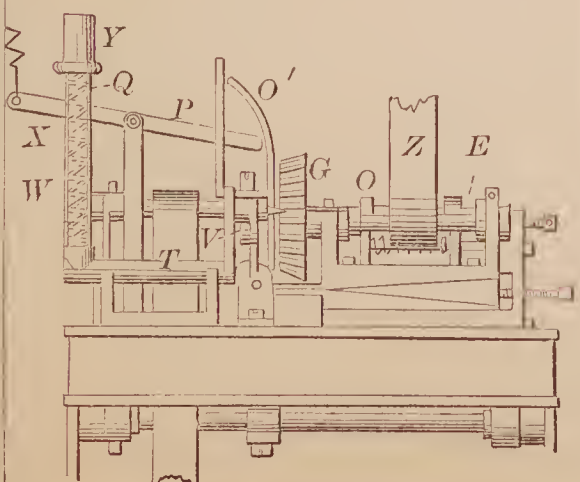
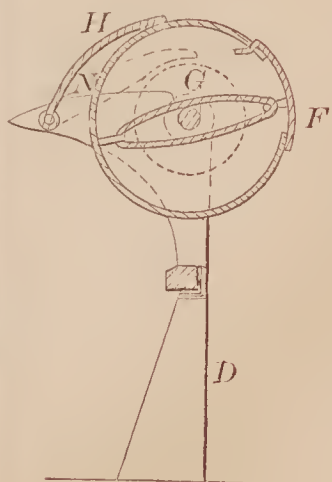
61442—J McMichael—*Wood Turning Lathe.*

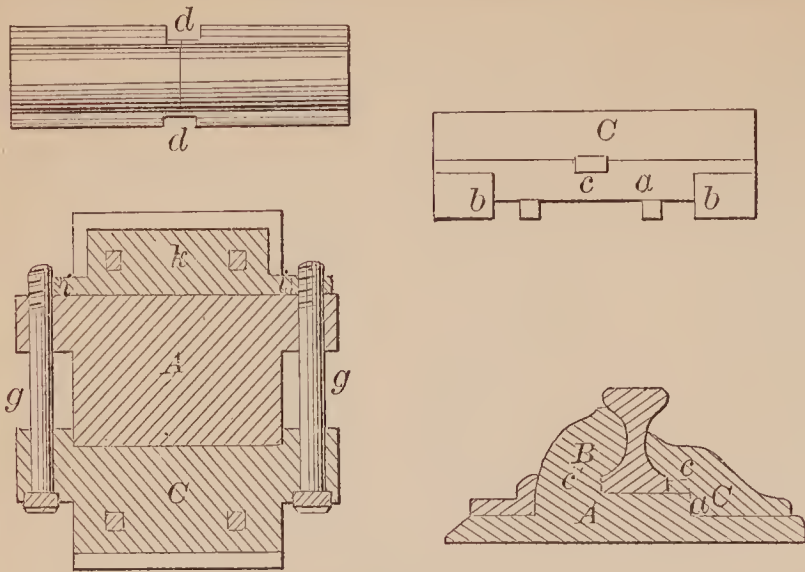
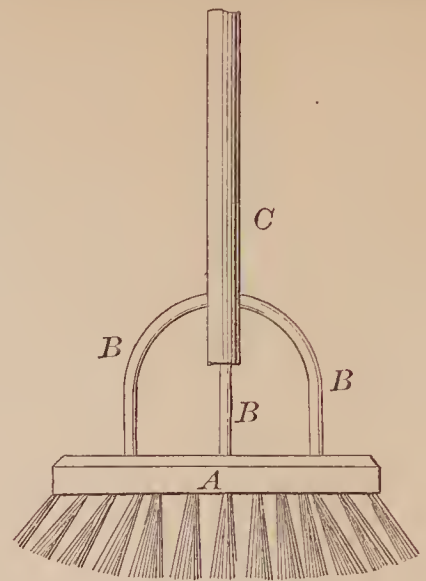
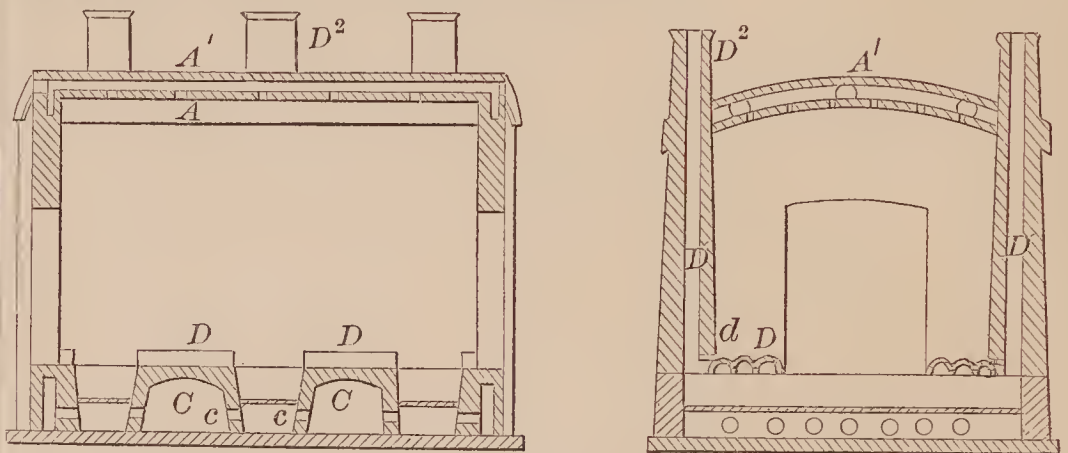
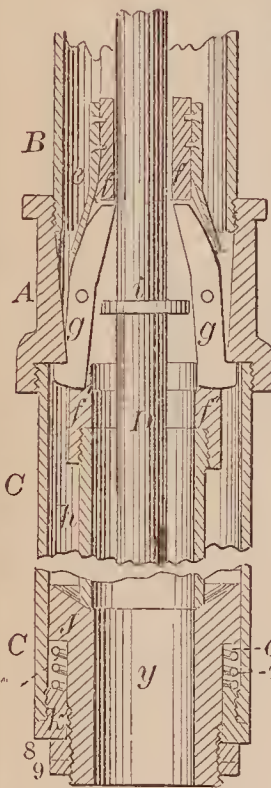
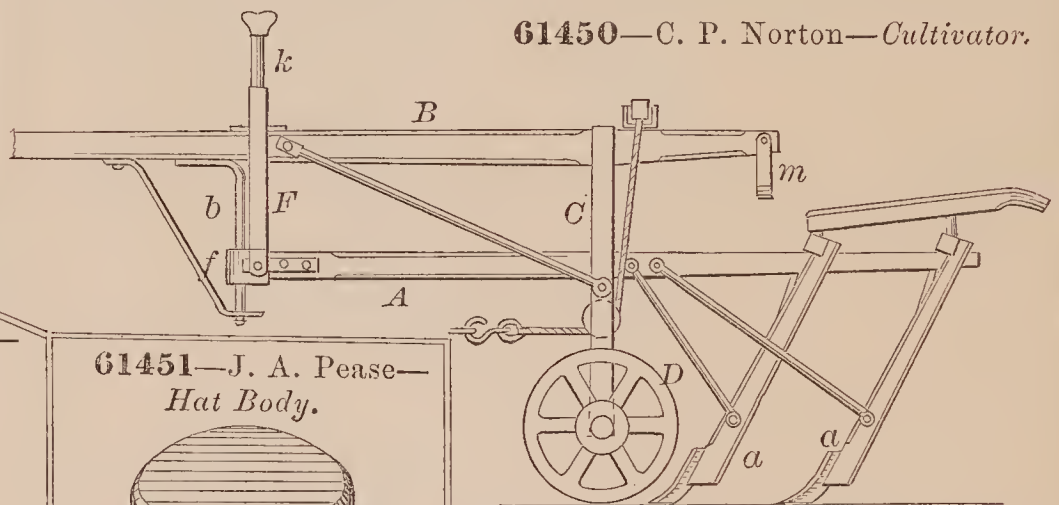
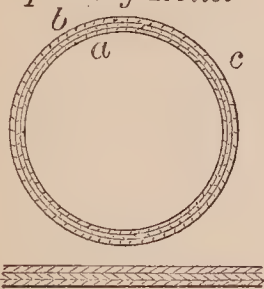
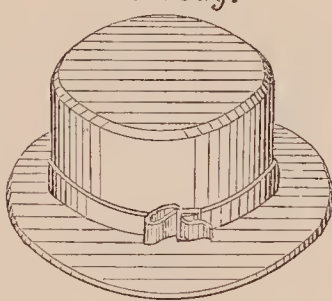
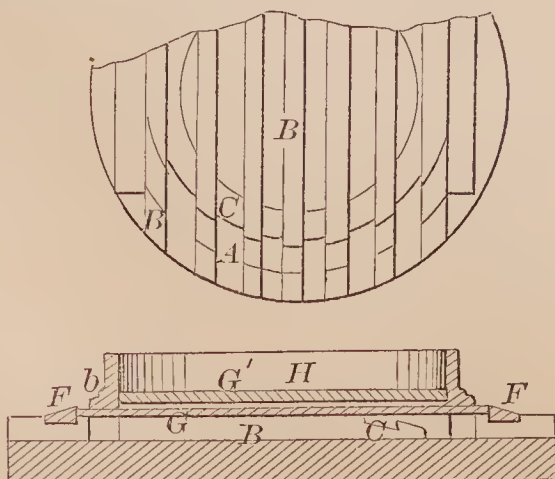
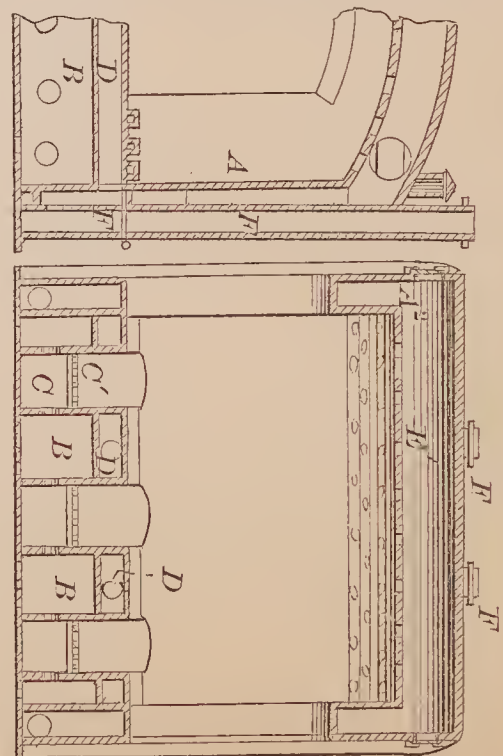


61440—E. Loiseau—*For Holding Skirts together.*

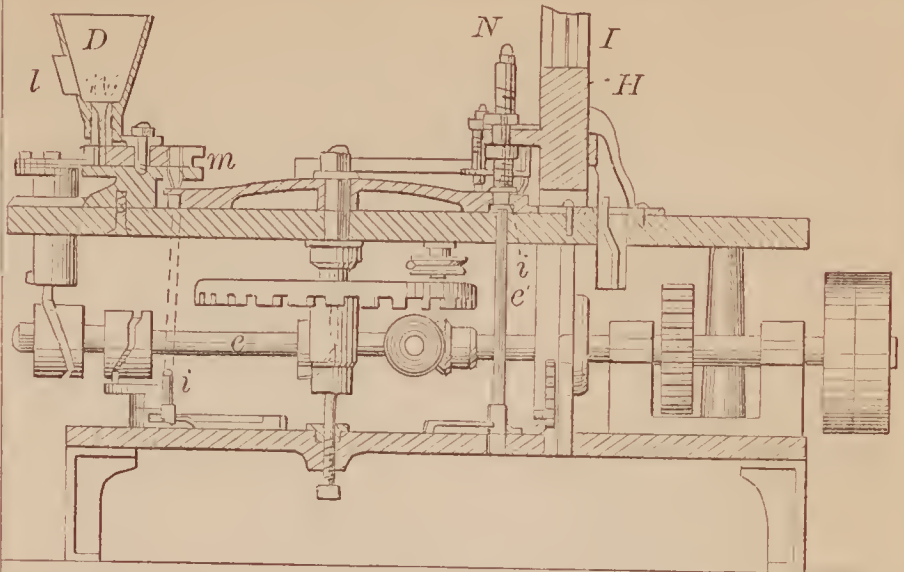


61444—Moseley & Woolley—*Copy Holder.*

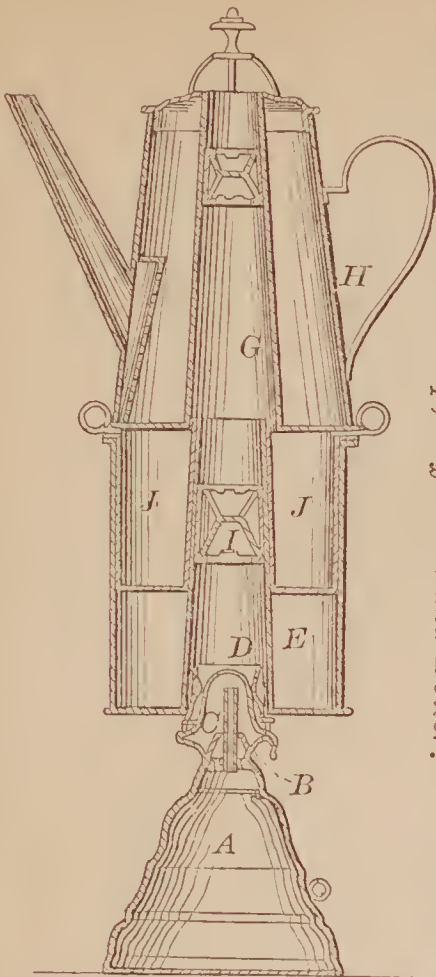


61445—M. C. Murray—*Railway Chair*.61446—H. E. Newton—*Broom*.61448—Norman & Dieterichs—*Brick Kiln*.61447—J. Nicholson—*Pump*.61450—C. P. Norton—*Cultivator*.61452—E. L. Perry—*Cot or Covering for Spinning Rolls*.61451—J. A. Pease—*Hat Body*.61453—Pierce & Button—*Oil Tank*.61449—Norman & Dieterichs—*Brick Kiln*.

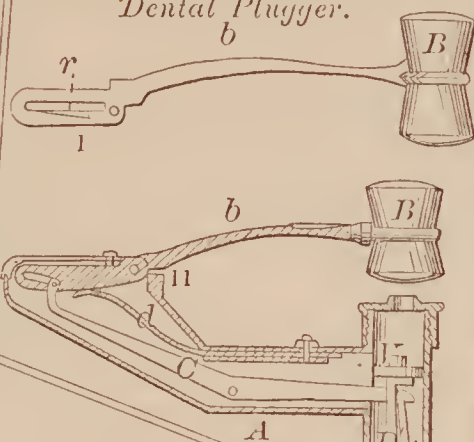
61456—T. J. Powers—*Cartridge Filling Machine.*



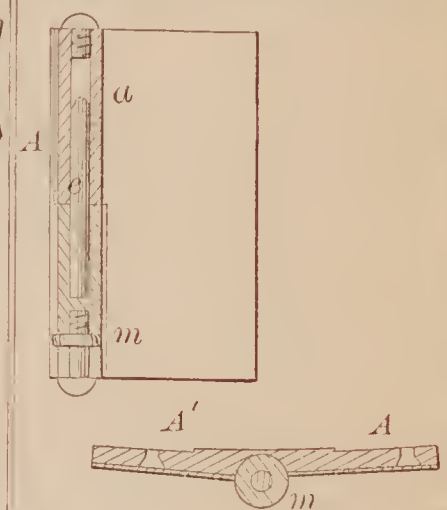
61454—L. A. Plumb—*Lump, Coffee Pot and Boiler.*



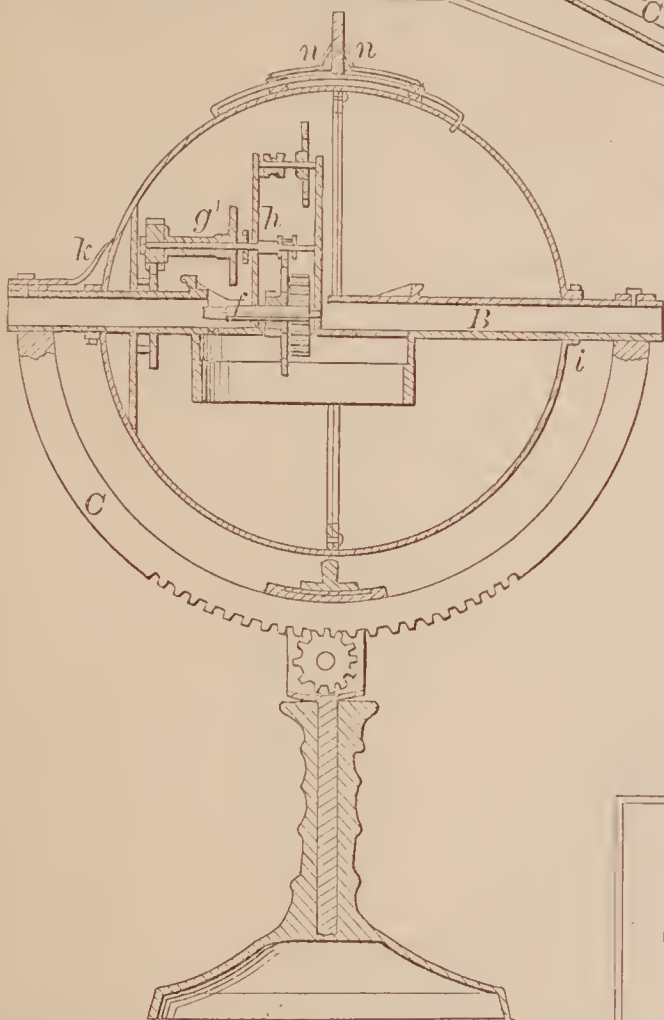
61460—W. G. Redman—*Dental Plugger.*



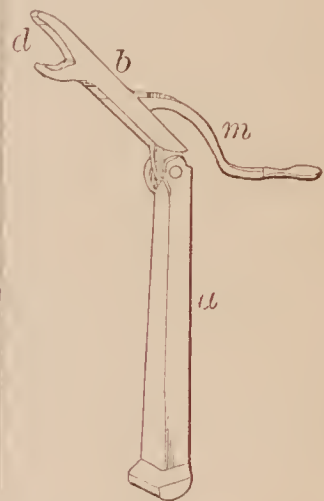
61458—A. Rankin—*Hinge.*



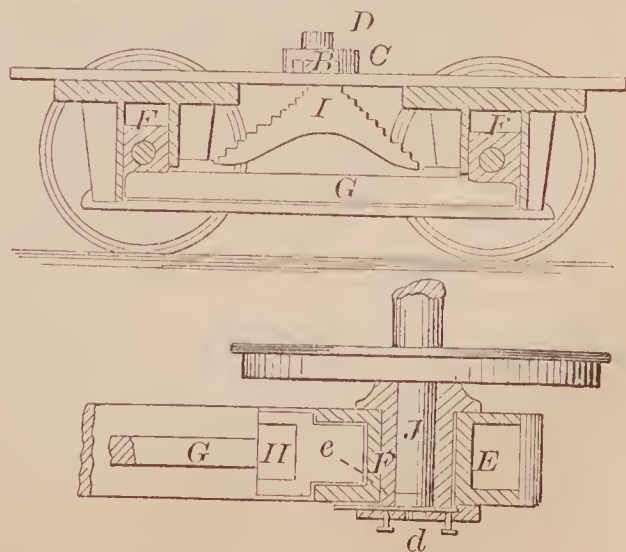
61459—S. E. G. Rawson—*Globe Clock.*



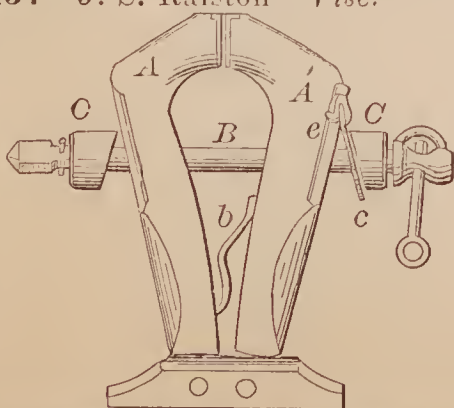
61455—O. T. Potter—*Carriage Jack.*

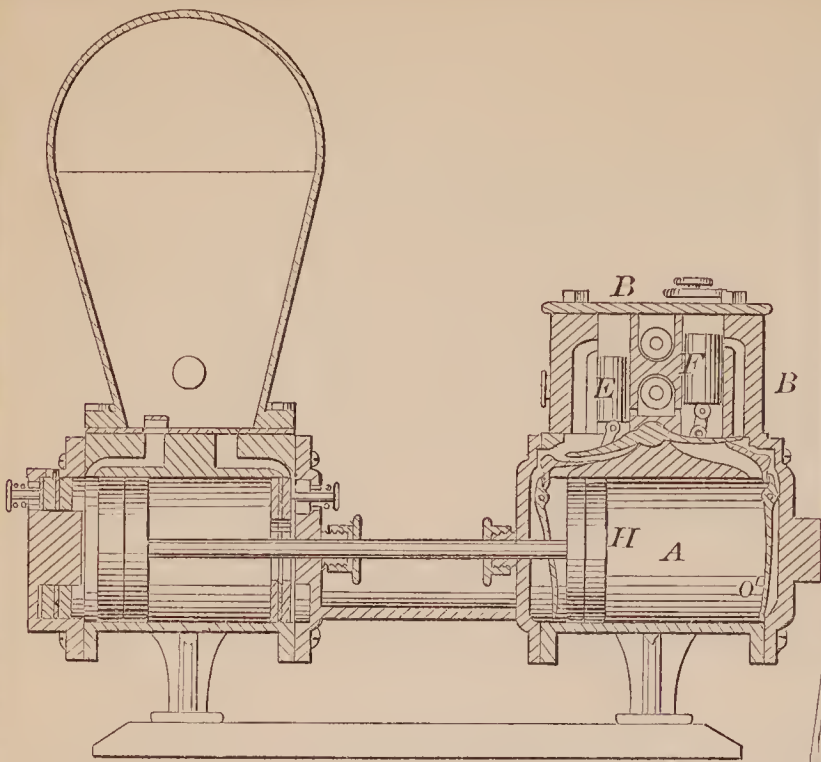
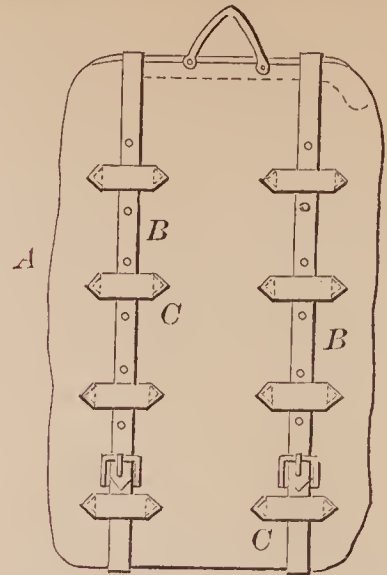
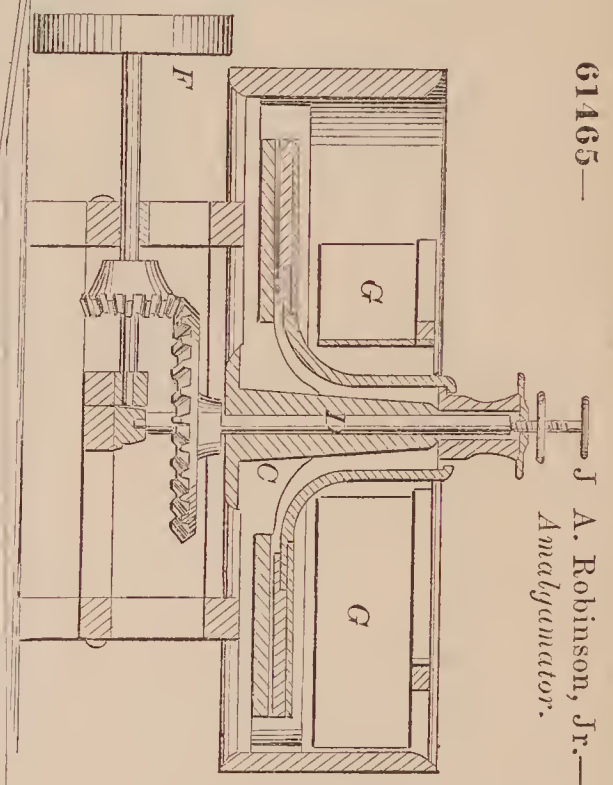
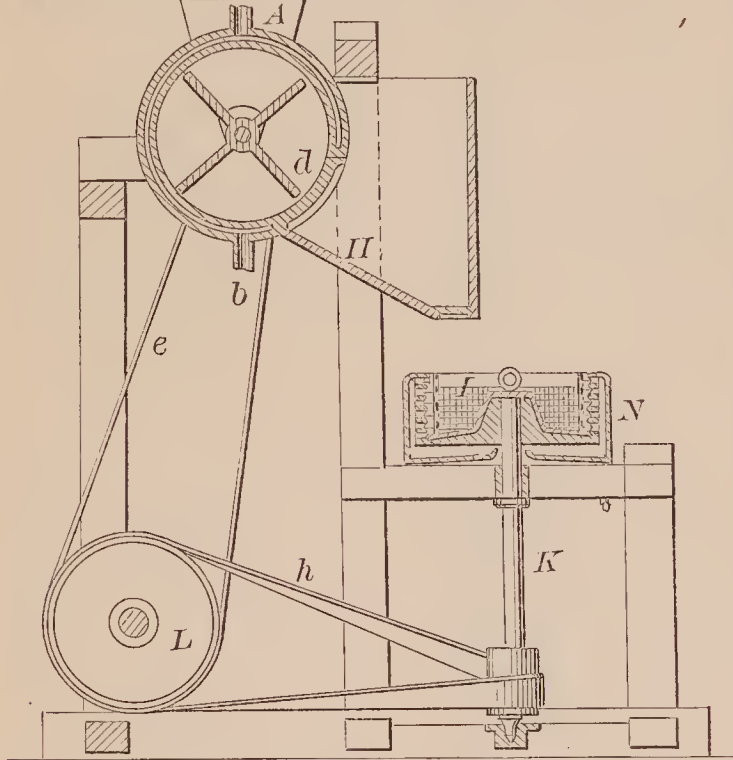


61461—J. W. Reynolds—*Car Truck.*

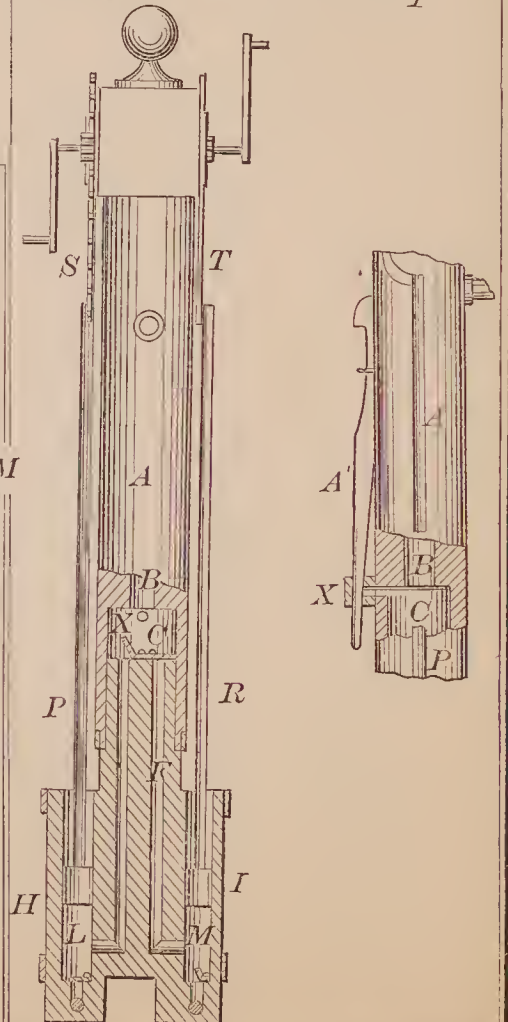
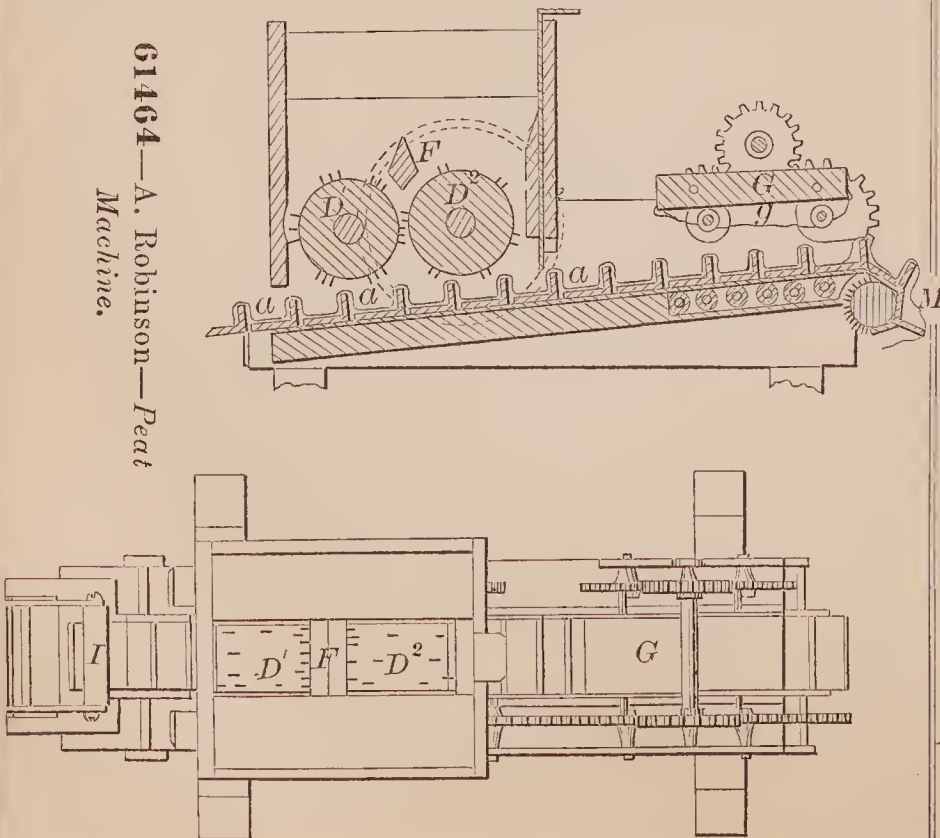


61457—J. S. Ralston—*Vise.*

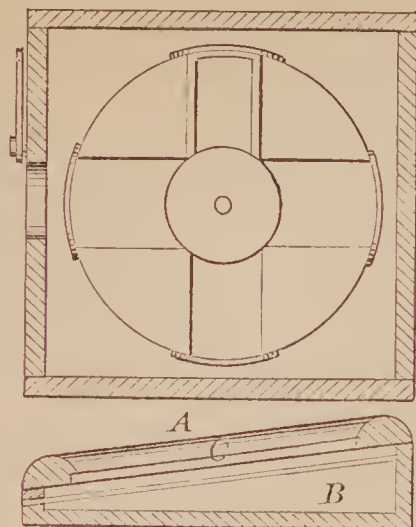


61462—Richardson & Pond—*Engine Valve Gear.*61467—A. Rose—*Carpet Sack.*61463—J. Robertson—*Extracting Oil from Seeds.*

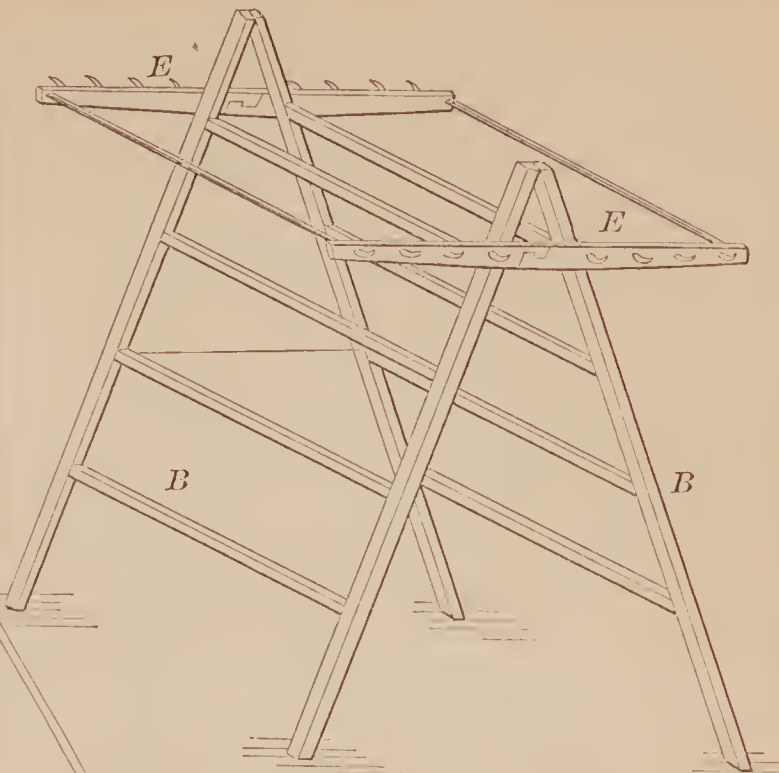
61465—

J. A. Robinson, Jr.—
Amalgamator.61468—J. Ross—*Pump.*61464—A. Robinson—*Peat Machine.*

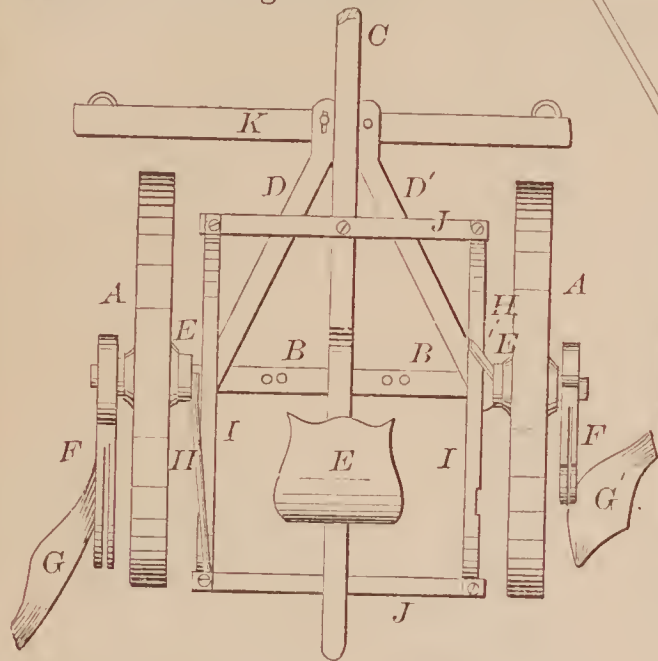
61469—Rowell & Mills—*Mounting Photographs.*



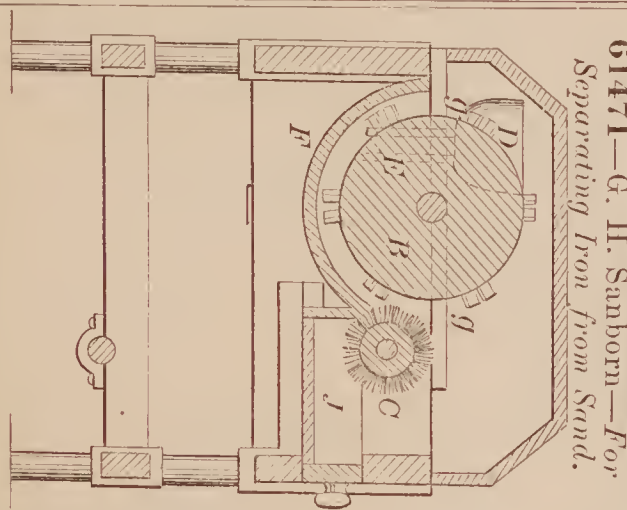
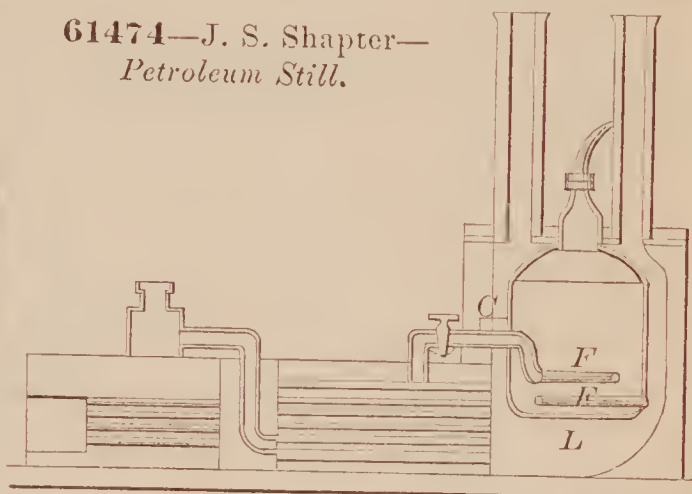
61473—Seeman & Catrow—*Clothes Dryer.*



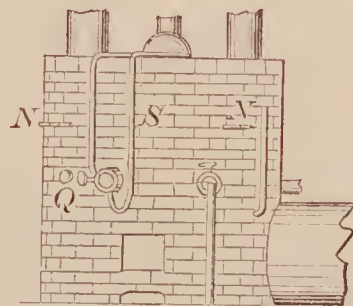
61470—I. Long—*Plow.*



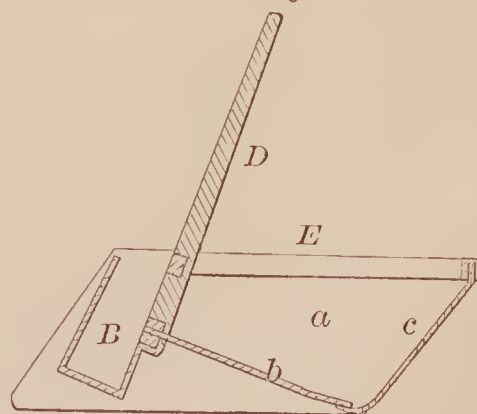
61474—J. S. Shapter—*Petroleum Still.*



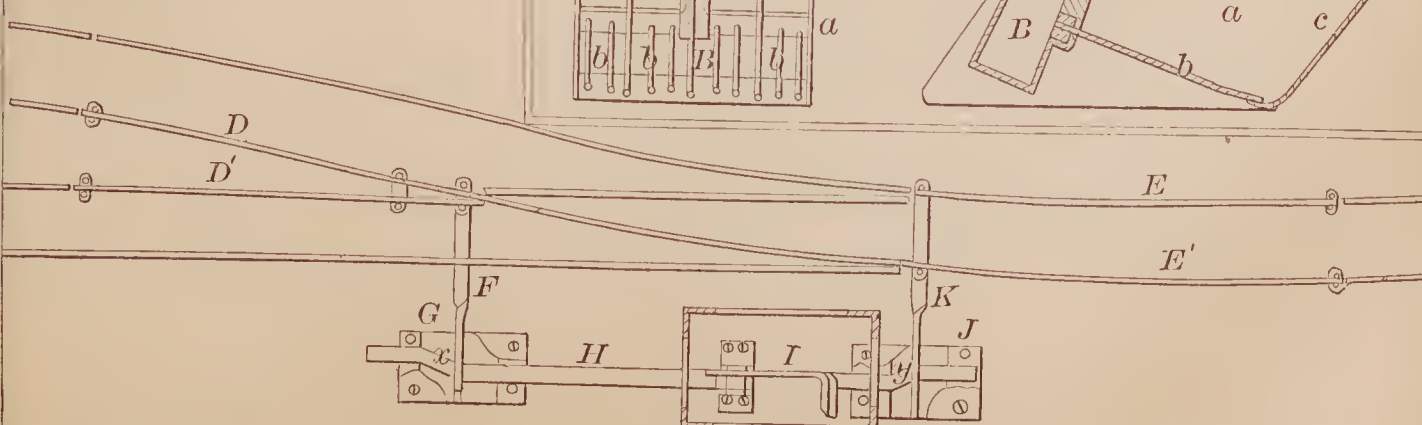
61471—G. H. Sanborn—*For Separating Iron from Sand.*

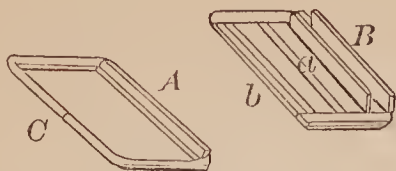
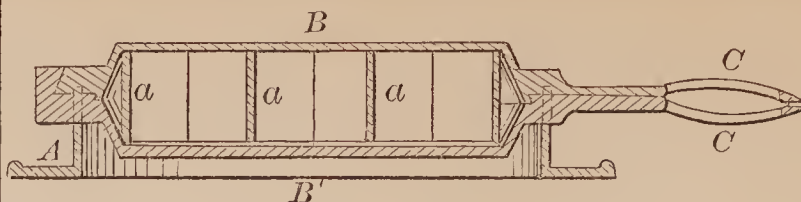
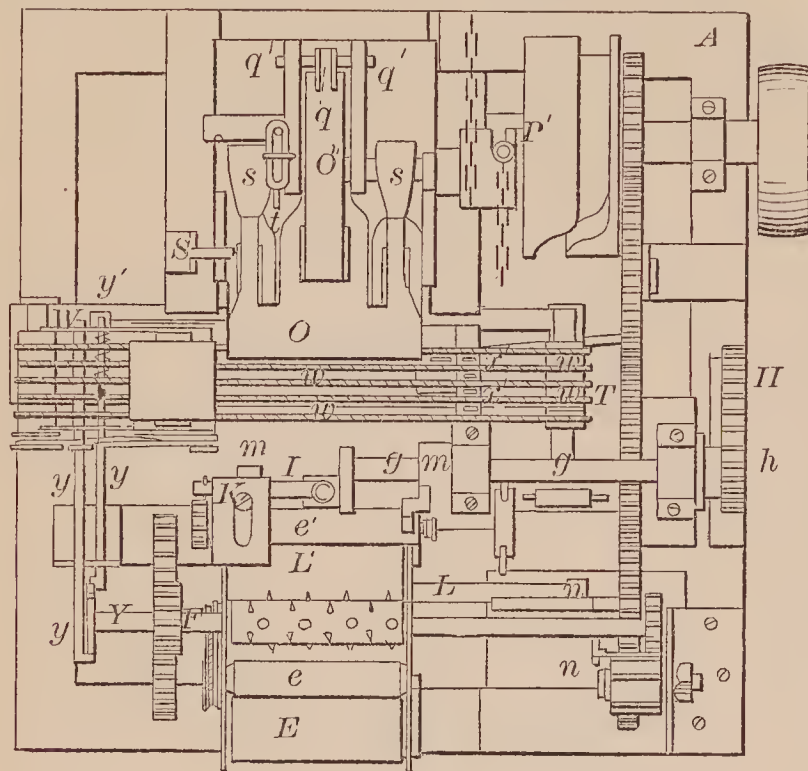
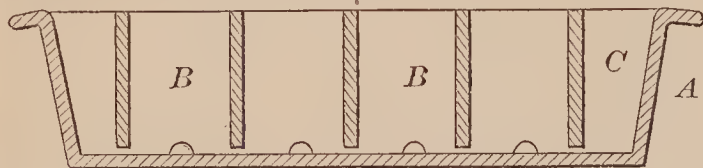
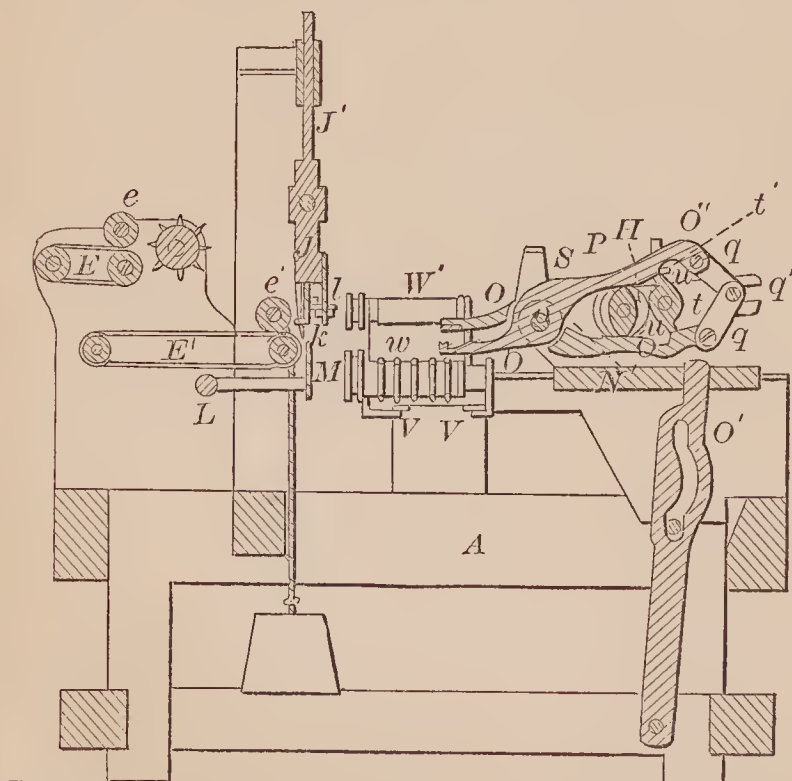
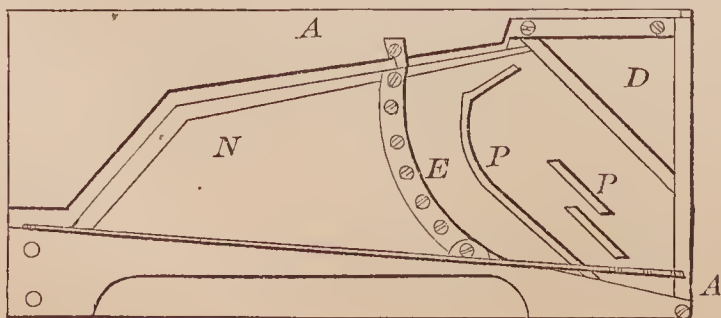
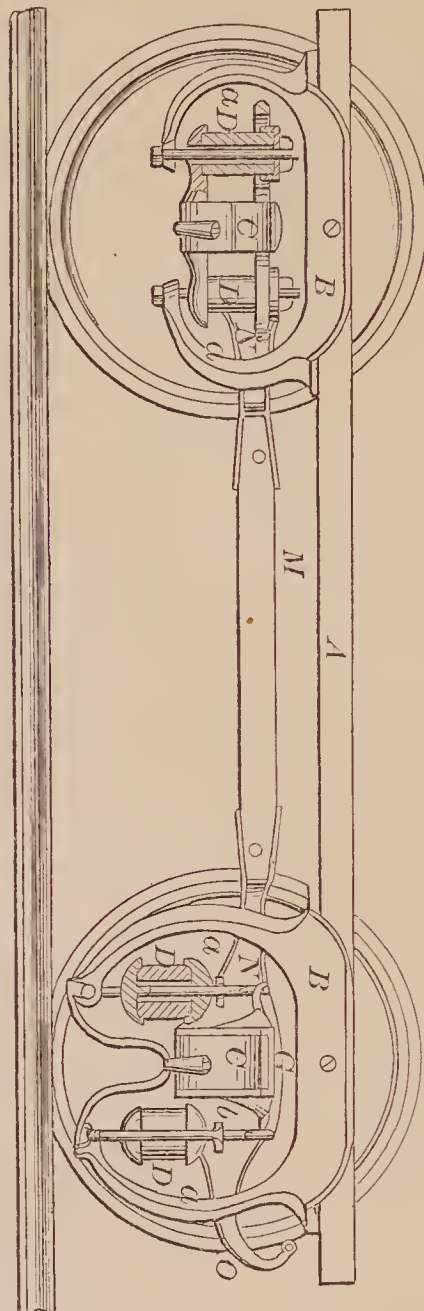
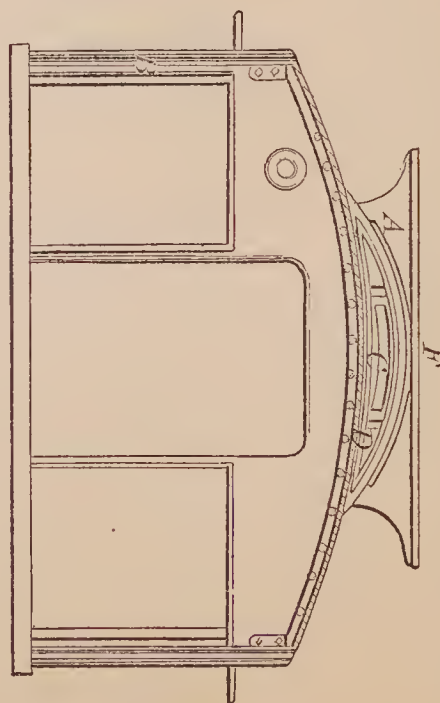


61476—G. Shove—*Cranberry Gatherer*

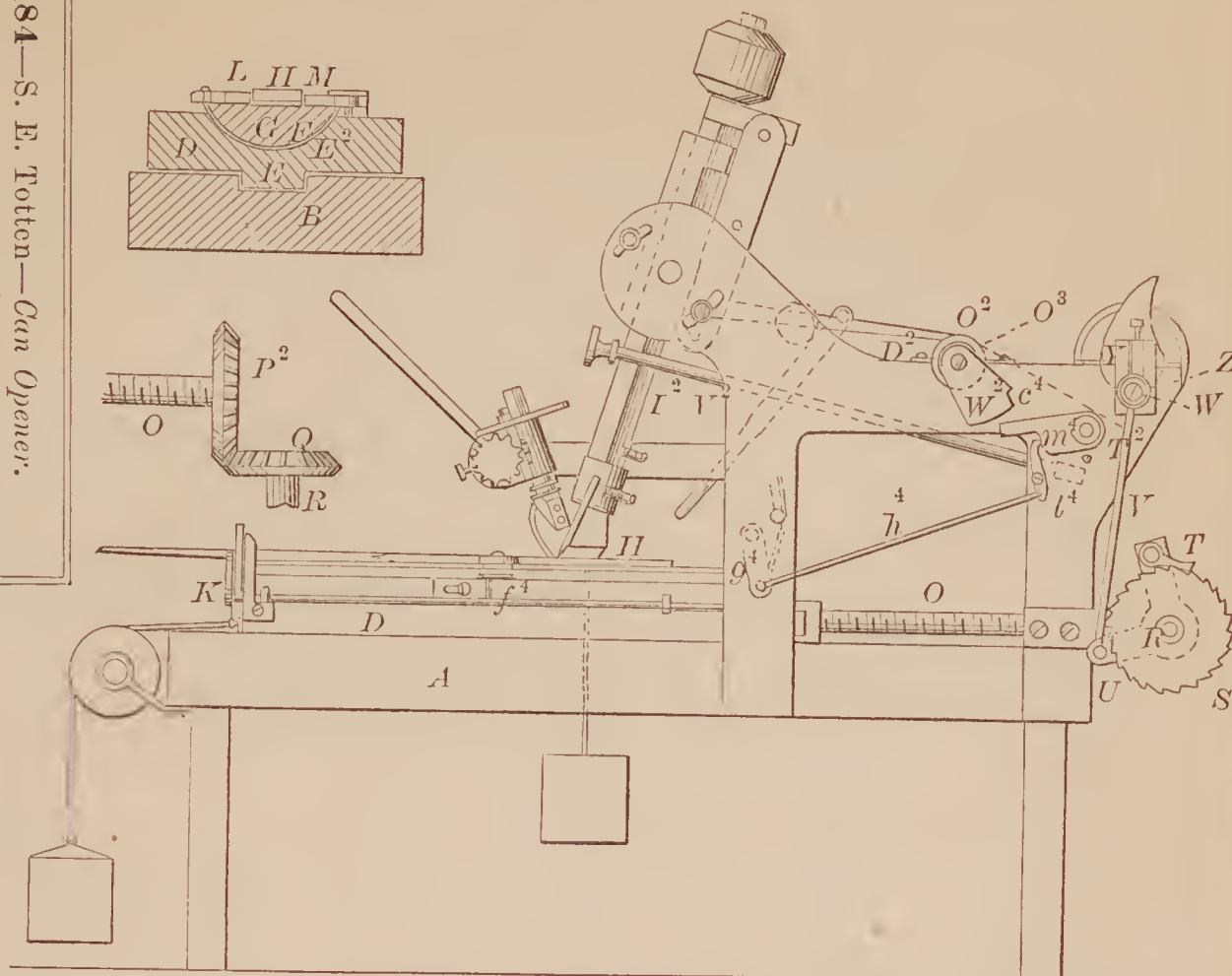


61475—Shiverick & Calkins—*Railroad Switch.*

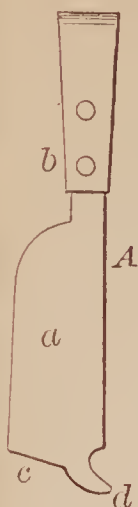


61477—E. A. Smith—*Buckle.*61478—E. J. Smith—*Griddle.*61479—W. W. Smith—*Transplanting Tray.*61480—N. H. Spafford—*For Combing and Assorting Bristles.*61483—F. Strothmann—*Sounding Board for Pianos.*61481—J. Stephenson—*Street Car.*61482—J. Stephenson—*Roof for Railroad Cars.*

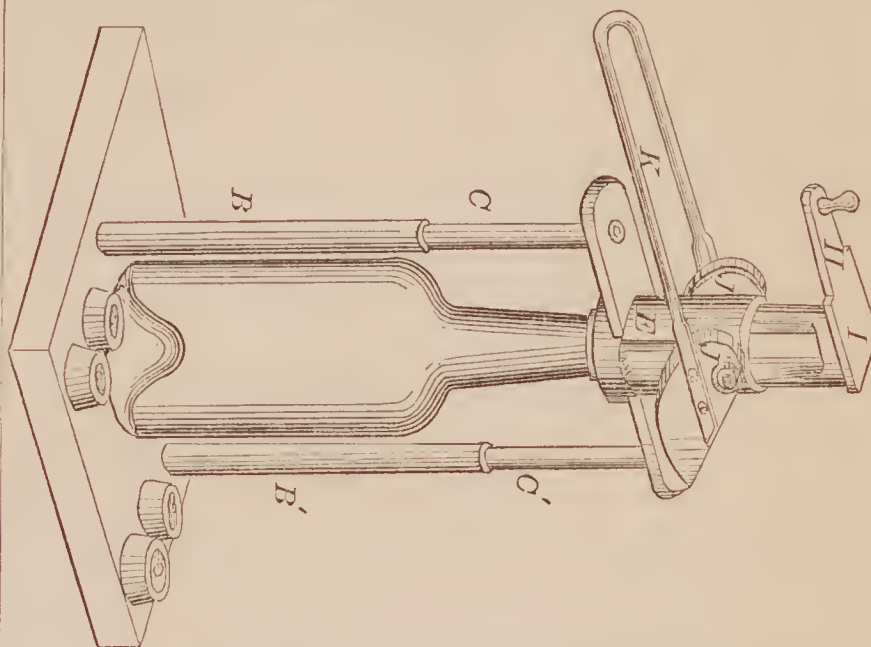
61486—C. Vogel—*For Cutting Files.*



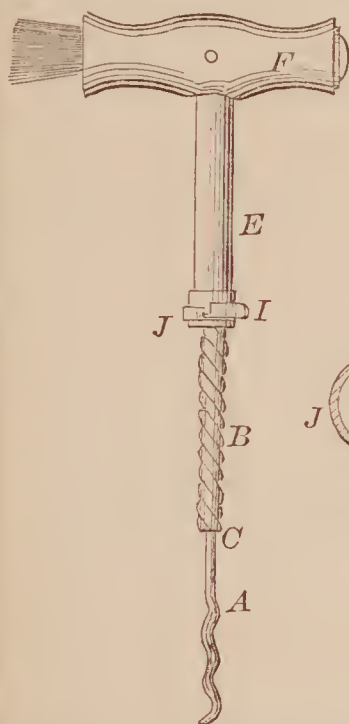
61484—S. E. Totten—*Can Opener.*



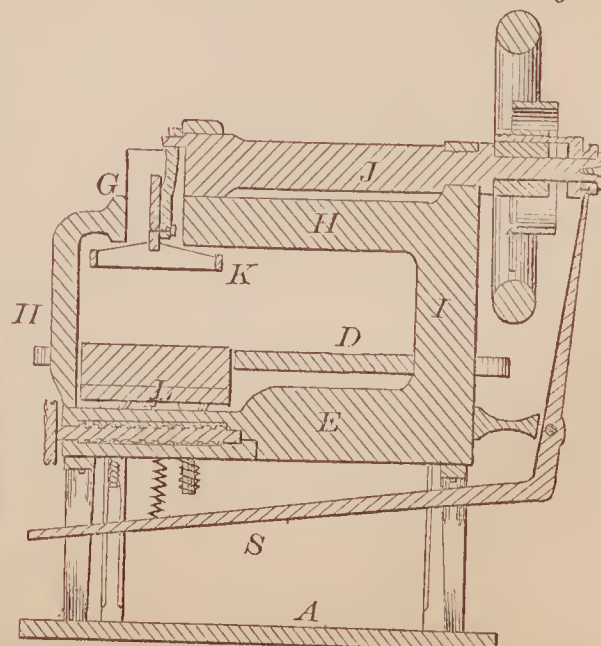
61488—J. Walker—*Cork Extractor.*



61485—W. L. V. Gieson—*Cork Screw.*

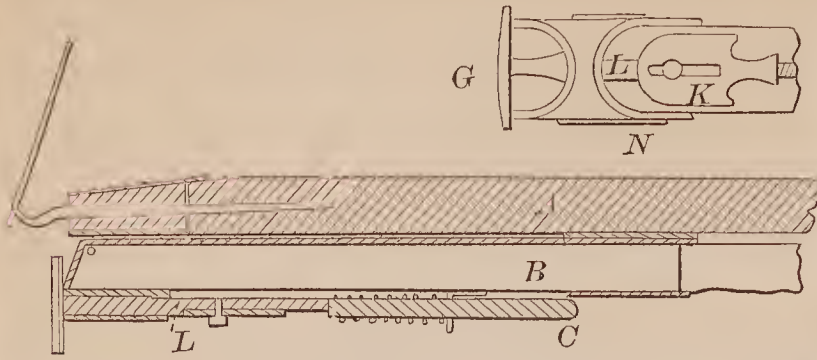
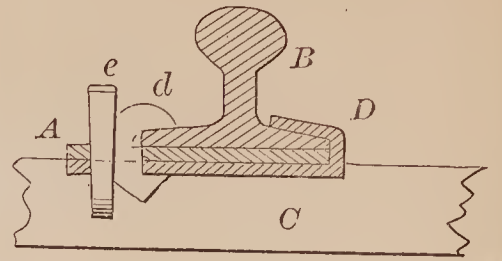
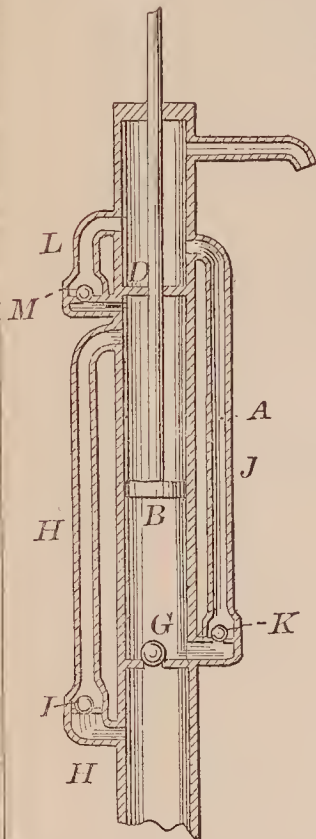
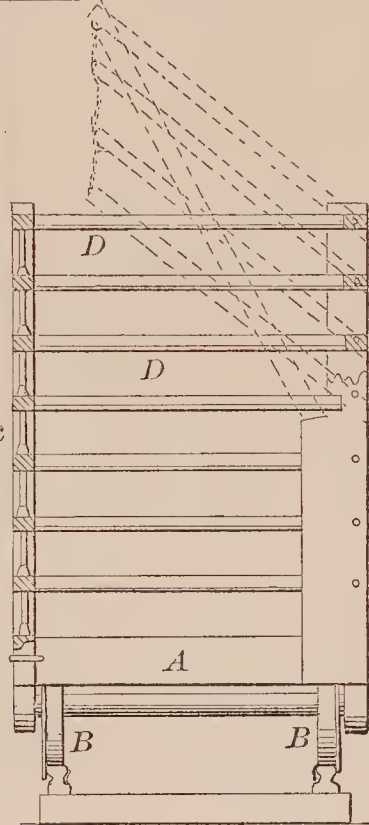
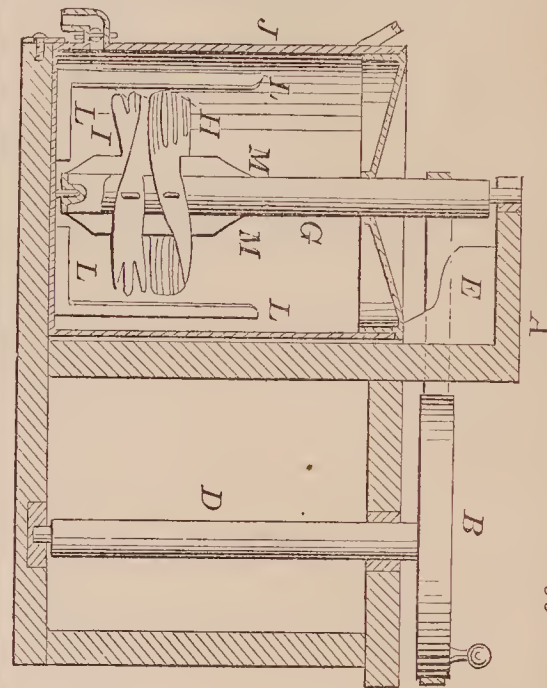
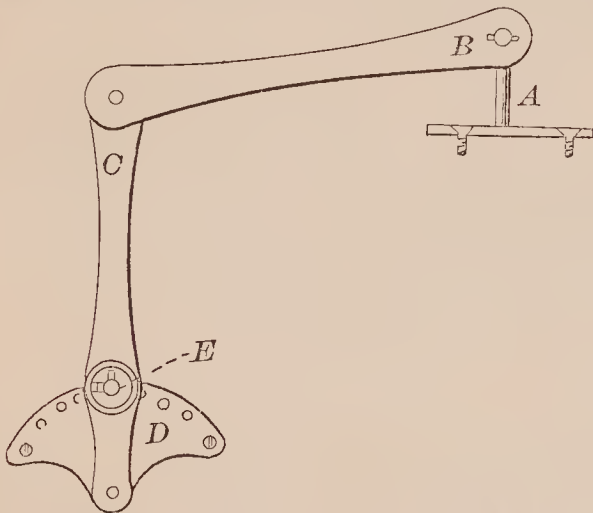
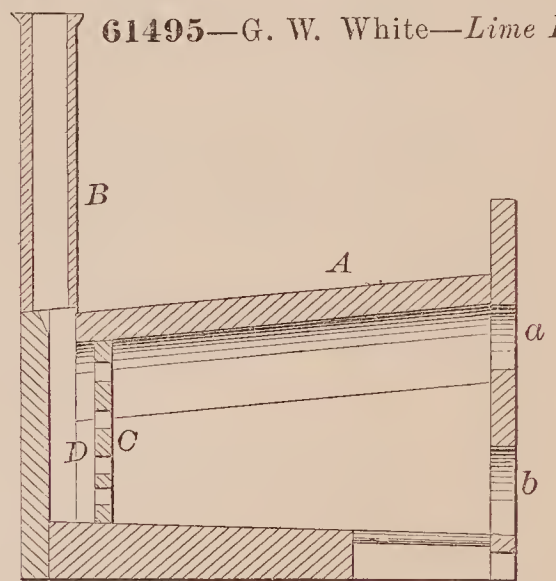
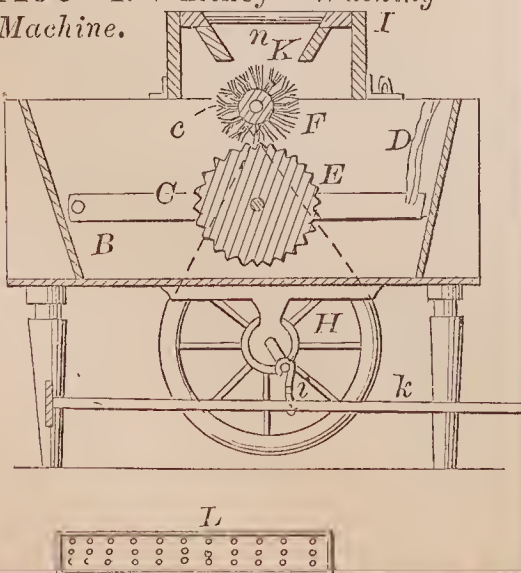
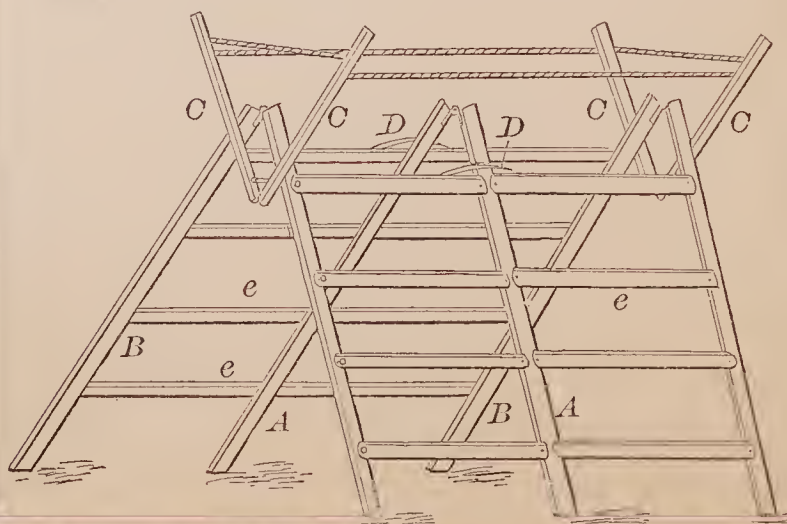


61489—J. H. Walker—*For Cutting Soles.*

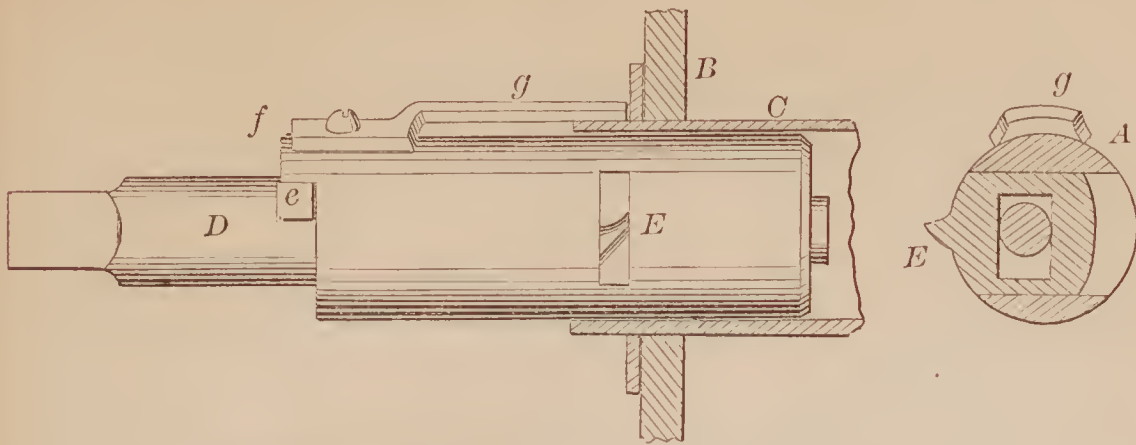


61487—R. Vollschwitz—*Boots and Shoes.*



61490—L. Weaver—*Corn Planter.*61491—G. Webb—*Railroad Chair.*61492—J. R. Weisiger—*Pump.*61493—T. J. Wells—*Peat Car.*61494—G. C. Westover—*Churn and Egg Beater.*61497—Wing & Bradeen—*Window Fastener.*61495—G. W. White—*Lime Kiln.*61496—I. Whitney—*Washing Machine.*61498—L. Woodworth—*Clothes Dryer.*

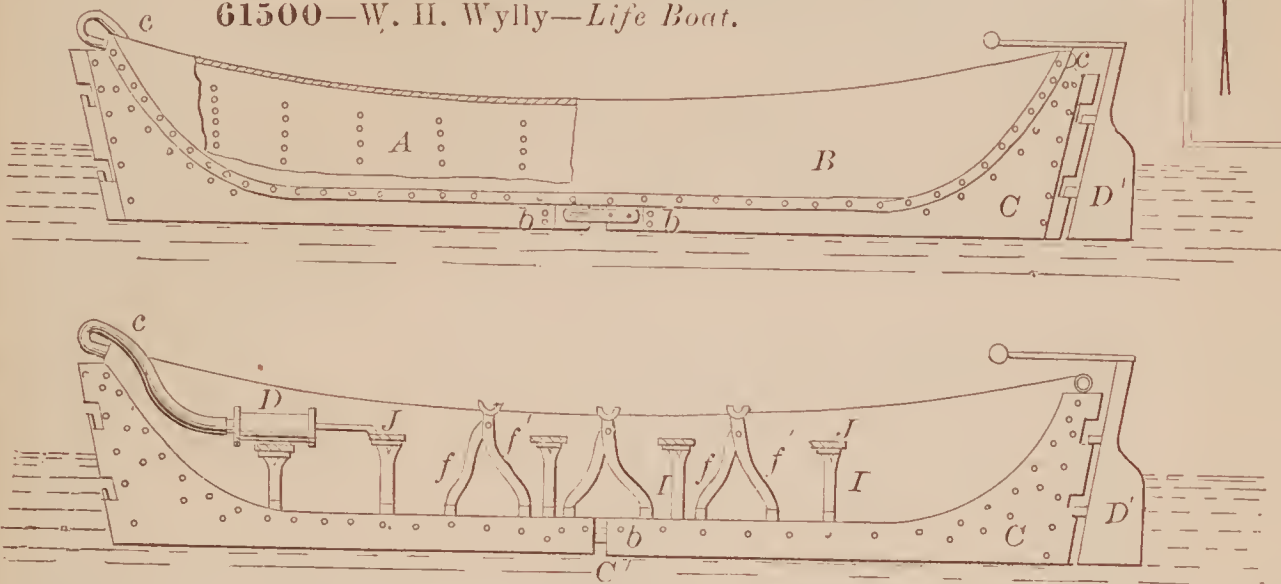
61499—N. Wright—*For Cutting off Boiler Tubes.*



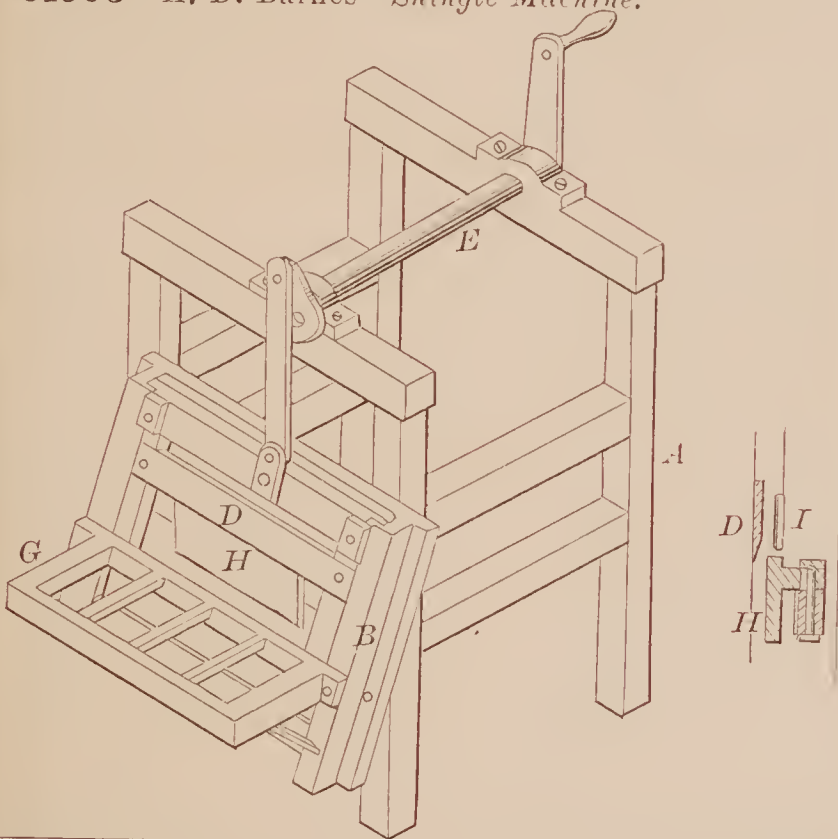
61501—J. Ashworth—*Eye of Wire Needles.*



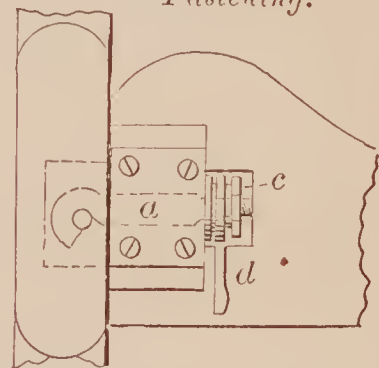
61500—W. H. Wylly—*Life Boat.*



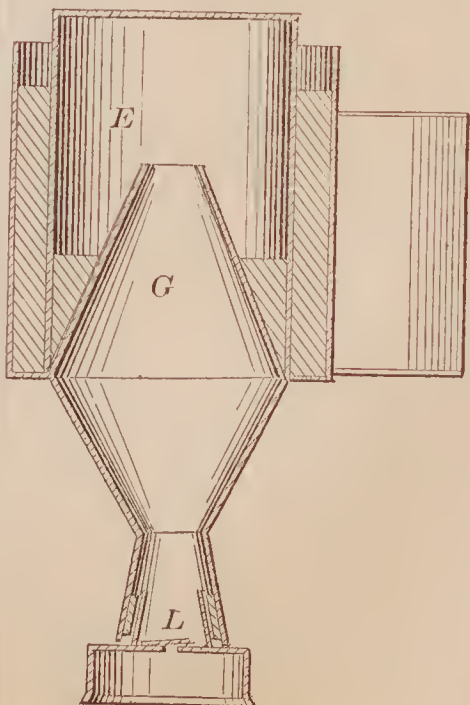
61503—H. D. Barnes—*Shingle Machine.*



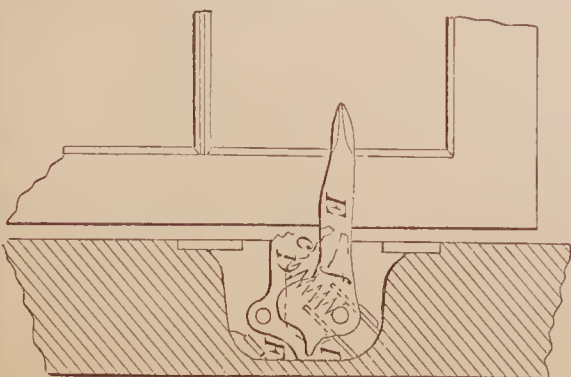
61504—W. S. Brattle—*Bedstead Fastening.*



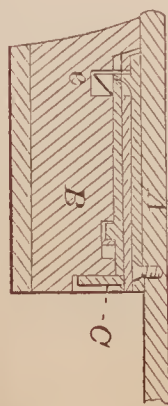
61506—D. Beardsley—*Exhausting Air from Fruit Cans.*

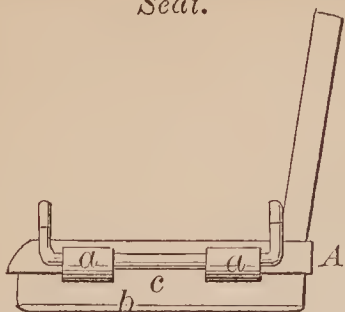
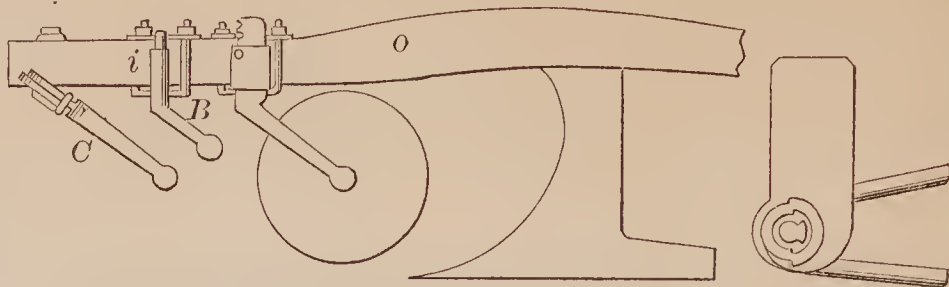
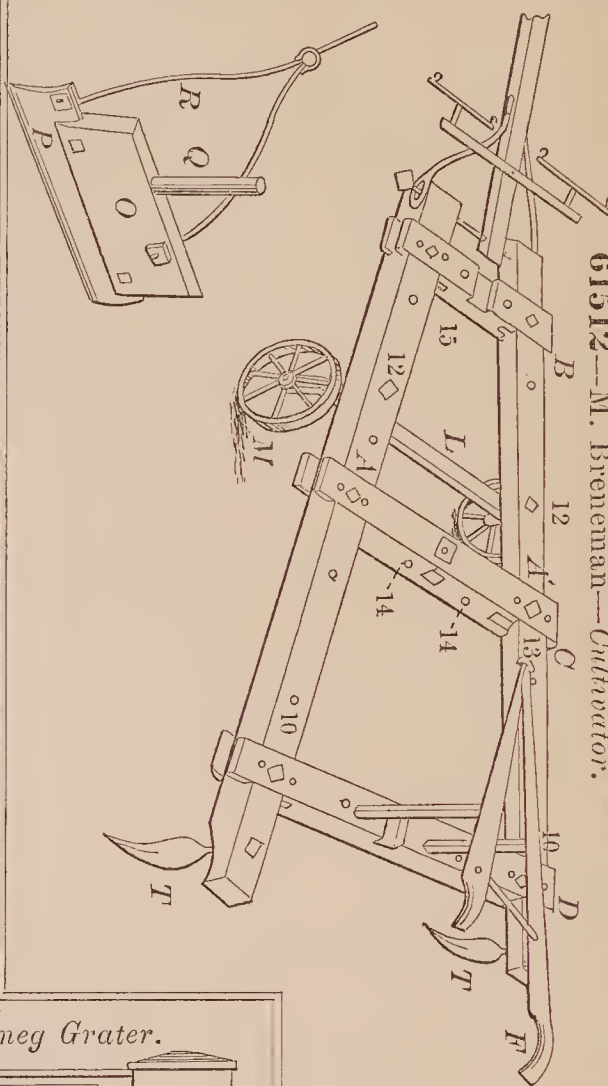
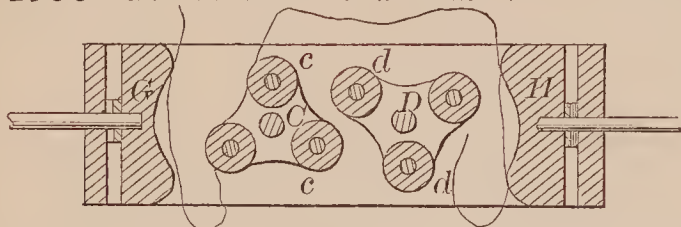
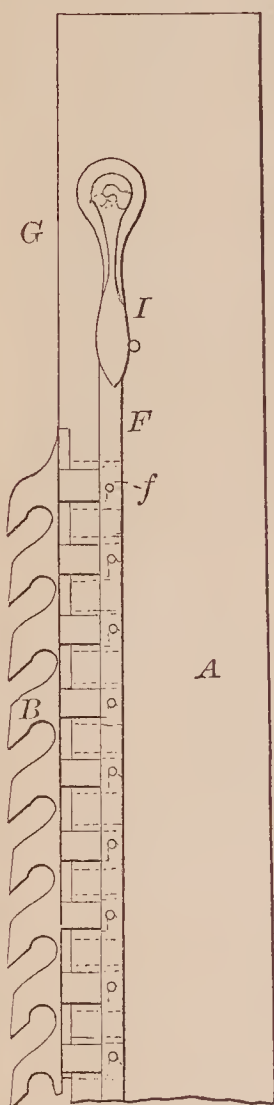
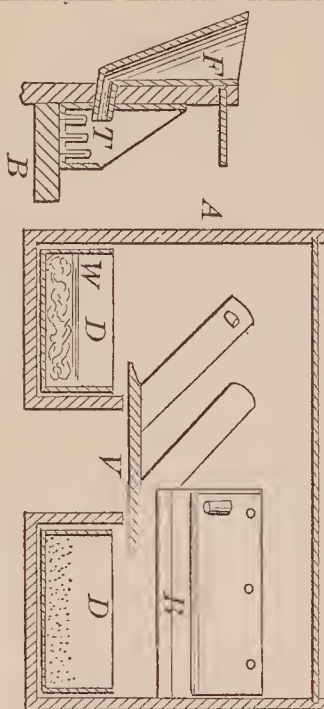
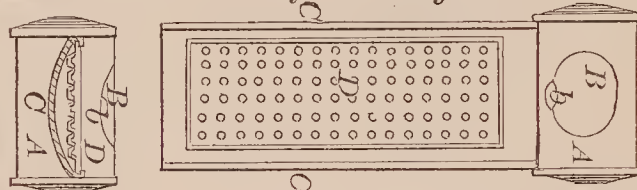
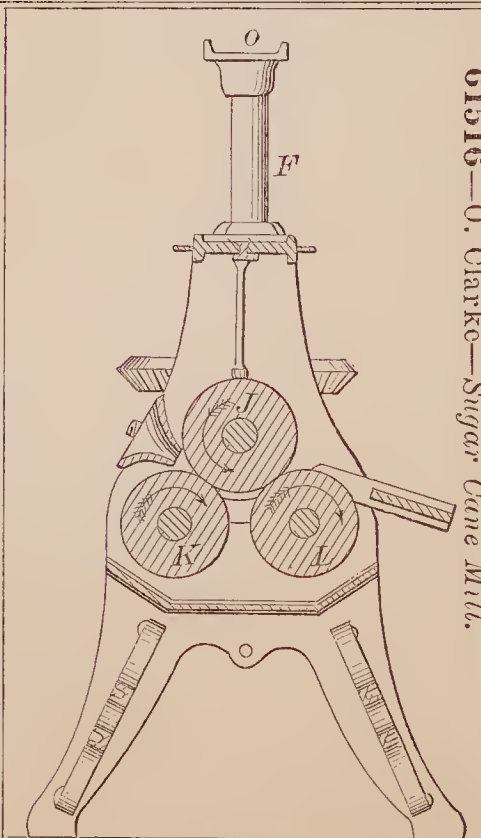
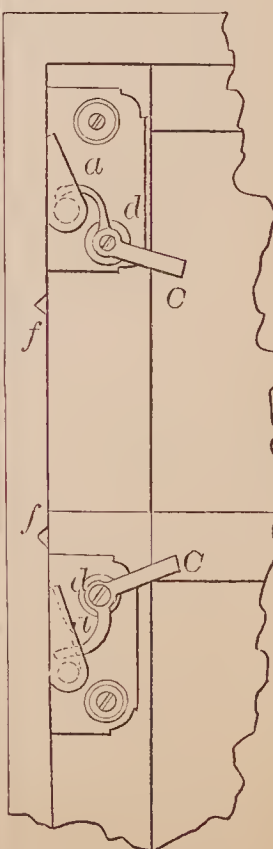
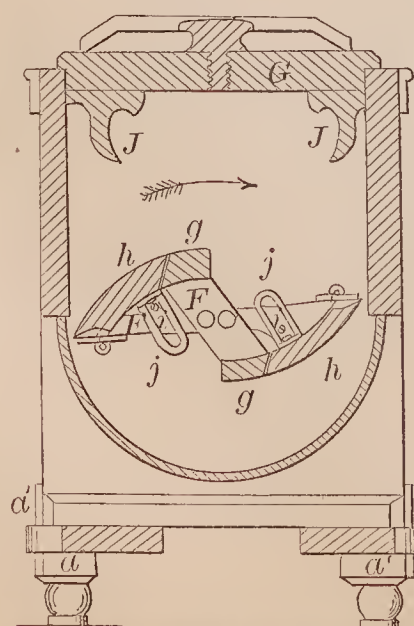


61505—B. Beach—*Sash Fastener.*

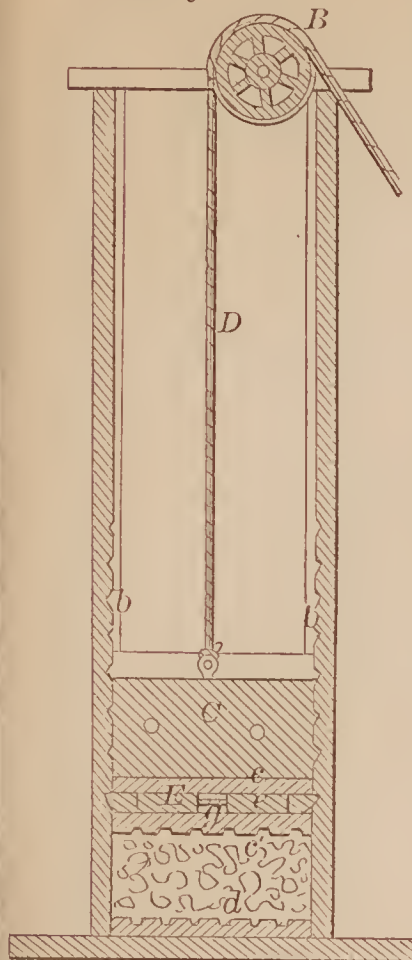


61502—C. W. Bailey—*Boots and Shoes.*

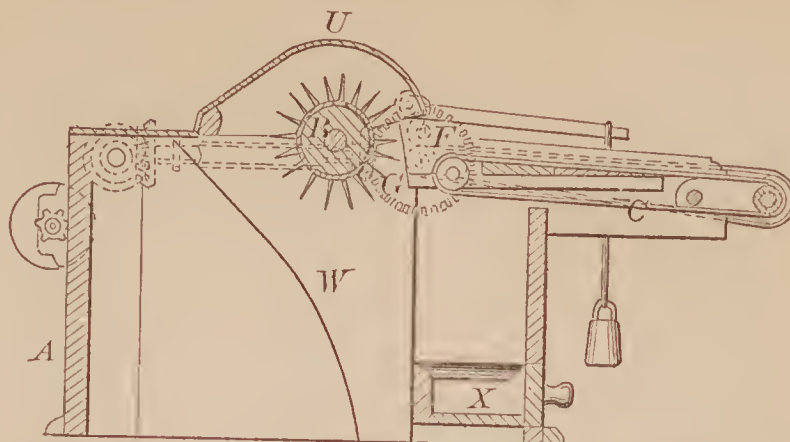


61507—J. Beck—*Wagon Seat.*61508—Bertrand & Sames—*Plow.*61509—L. T. Blake—*Cow Milker.*61512—M. Breneman—*Cultivator.*61513—I. S. & C. N. Brown—*Saw.*61514—E. Buel—*Bee Feeding Apparatus.*61511—W. Bradley—*Nutmeg Grater.*61516—O. Clarke—*Sugar Cane Mill.*61510—A. T. Boon—*Sash Supporter.*61515—W. C. Chamberlain—*Churn.*

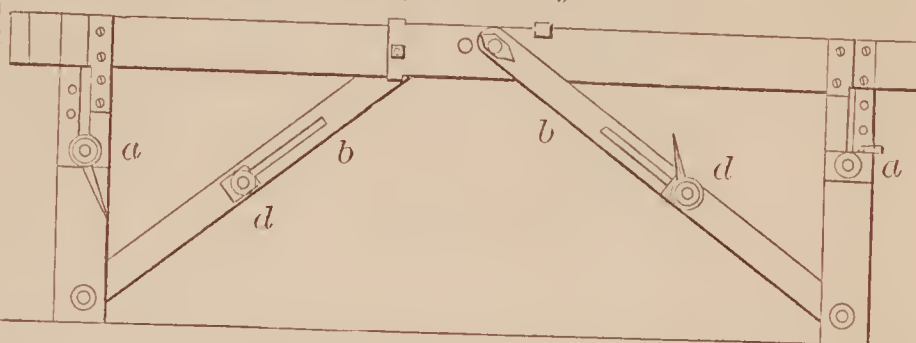
61517—C. Colahan—*Baling Cotton.*



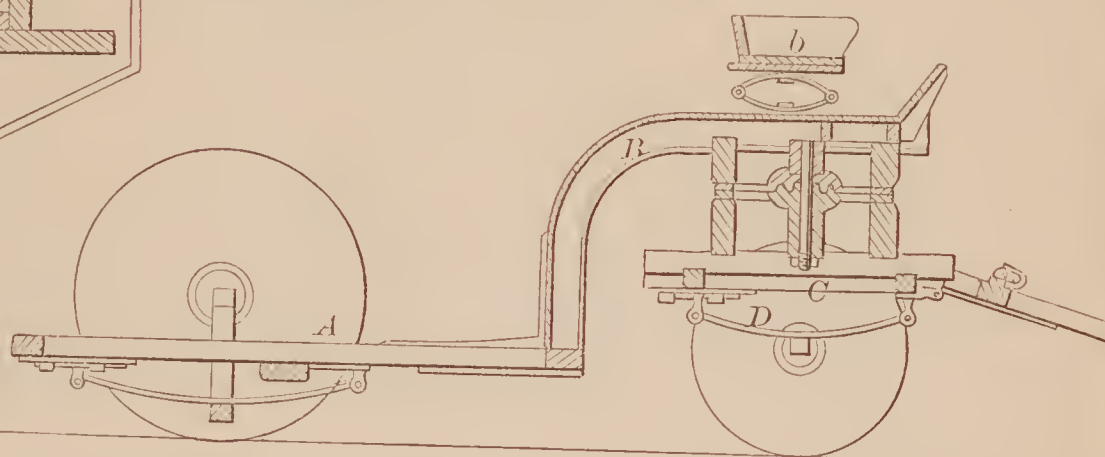
61519—G. Cox—*Wadding Waste Machine.*



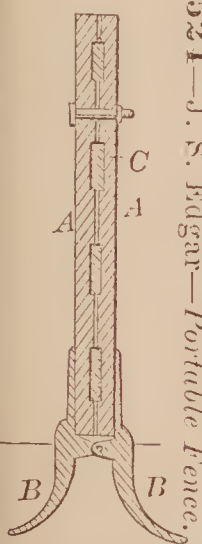
61521—H. Davis—*Self-Adjusting Trestle.*



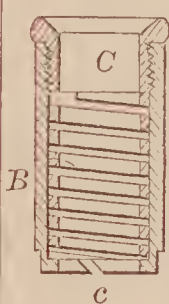
61523—J. Dowd—*Wagon.*



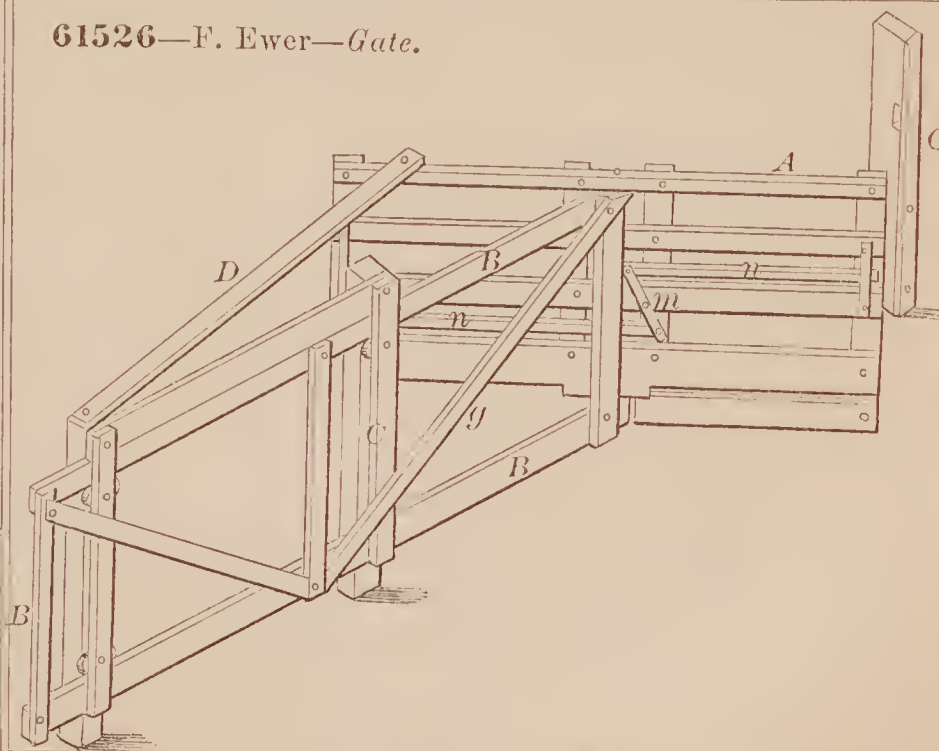
61524—J. S. Edgar—*Portable Fence.*



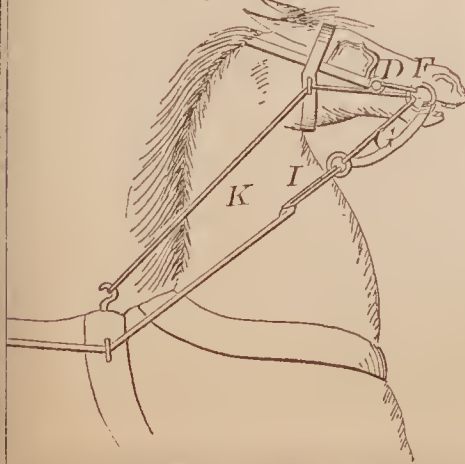
61518—J. D. Cottrell—*Spinning Frame.*



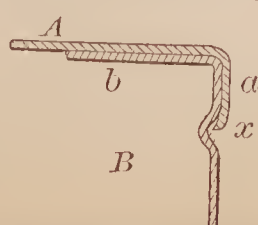
61526—F. Ewer—*Gate.*



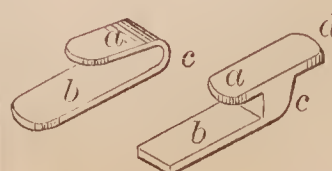
61522—D. M. Donchoo—*Safety Bridle.*

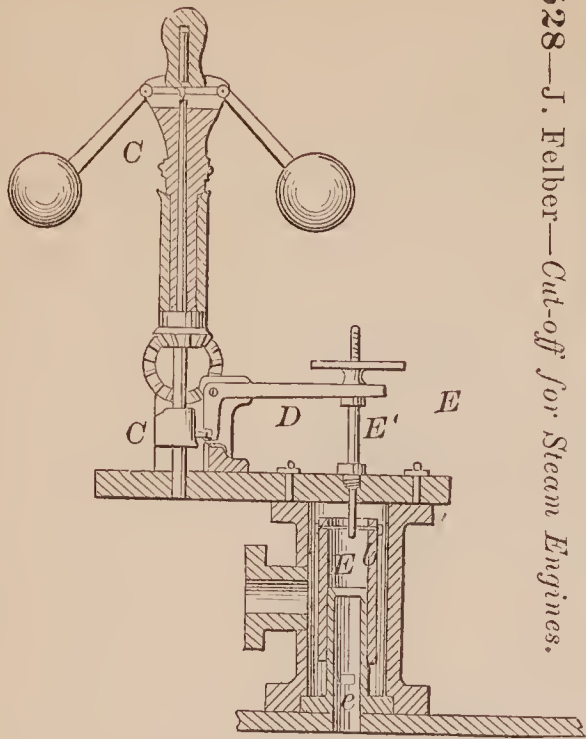


61525—H. Everett—*Joint for Tinned Iron Vessels.*



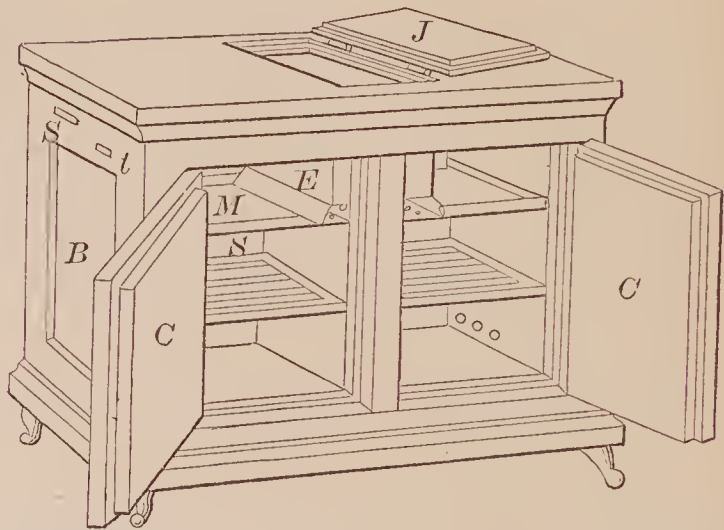
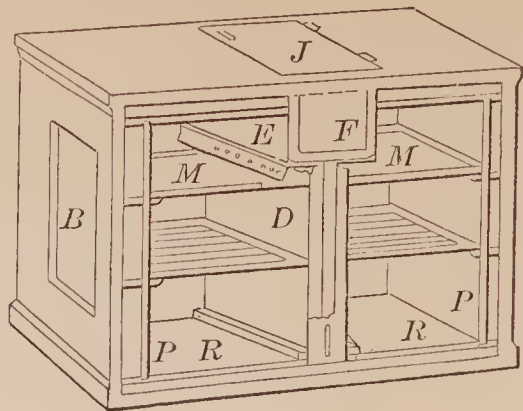
61527—H. Fassman—*Cotton Bale Tie.*



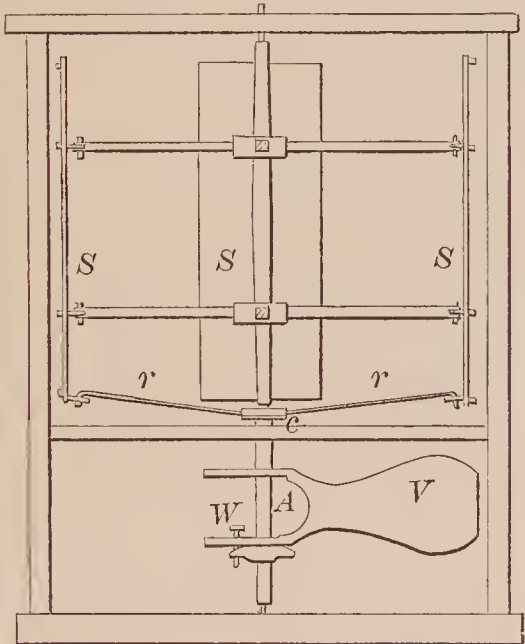


61528—J. Felber—Cut-off for Steam Engines.

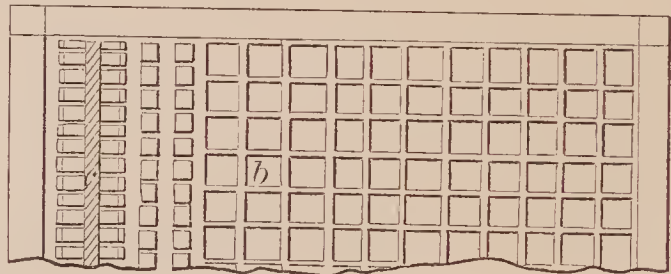
61529—J. R. Fergusson—Refrigerator.



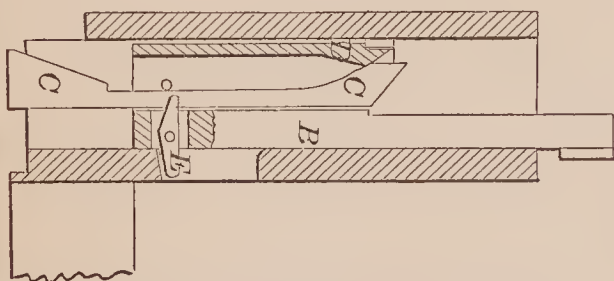
61530—F. G. Fowler—Windmill.



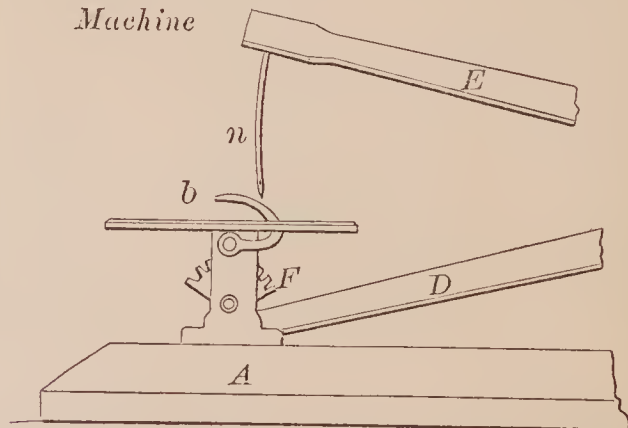
61531—C. Freetsha—Pattern Chart.



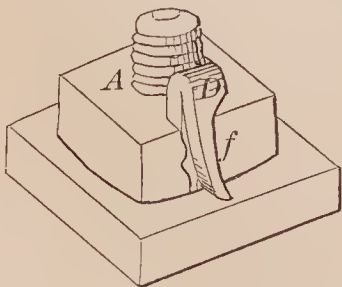
61534—H. P. Gregg—Seeding Machine.



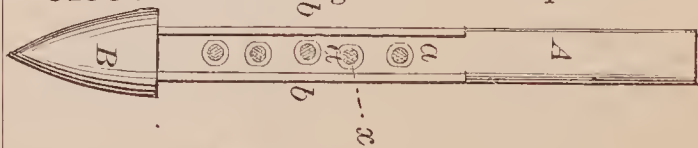
61533—Goodes & Miller—Button Hole Machine



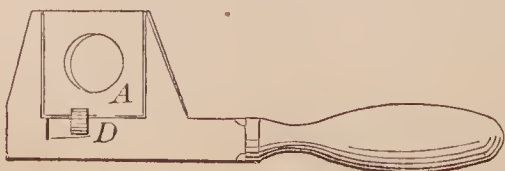
61537—Harris & Browning—Nut.



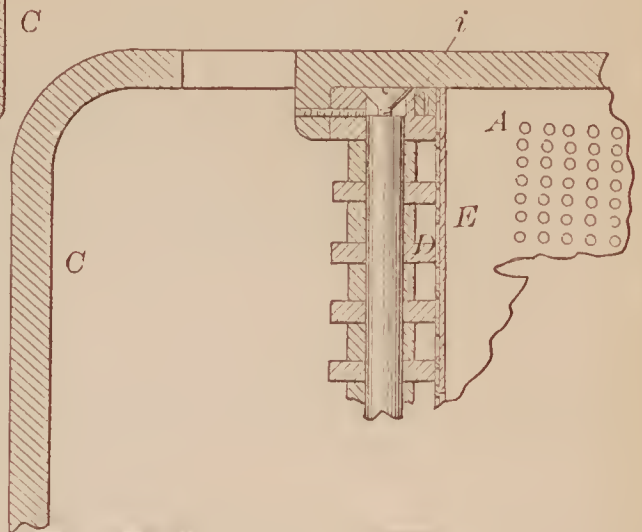
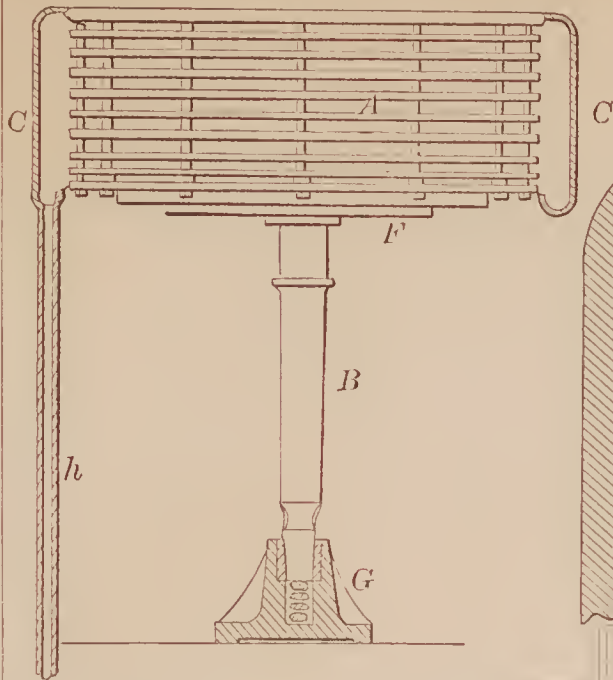
61536—A. Harrington—Well Pipe.



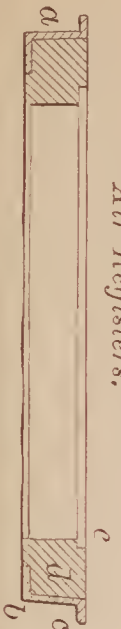
61535—J. Y. Hamilton—Shuttle for Narrow Ware Looms.



61541—B. Hubbe—*Lard Press.*



61538—C. R. Harvey—*Frame, &c., for Hot Air Registers.*



61543—J. F. Keller—*Seed Drill.*

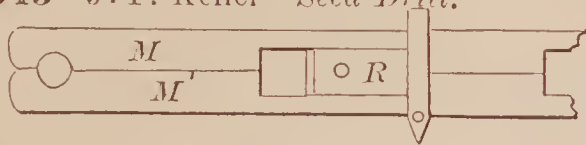


Fig. 5

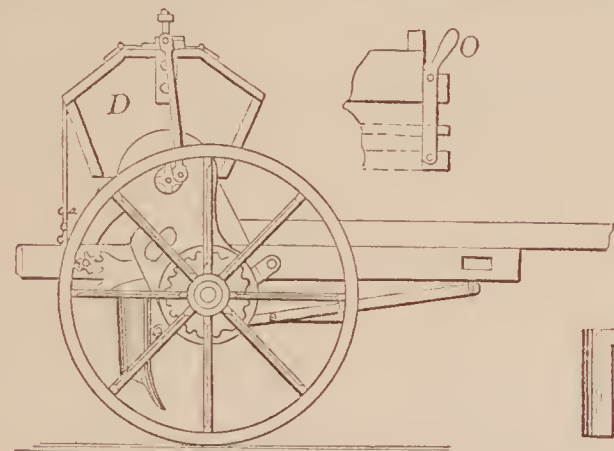
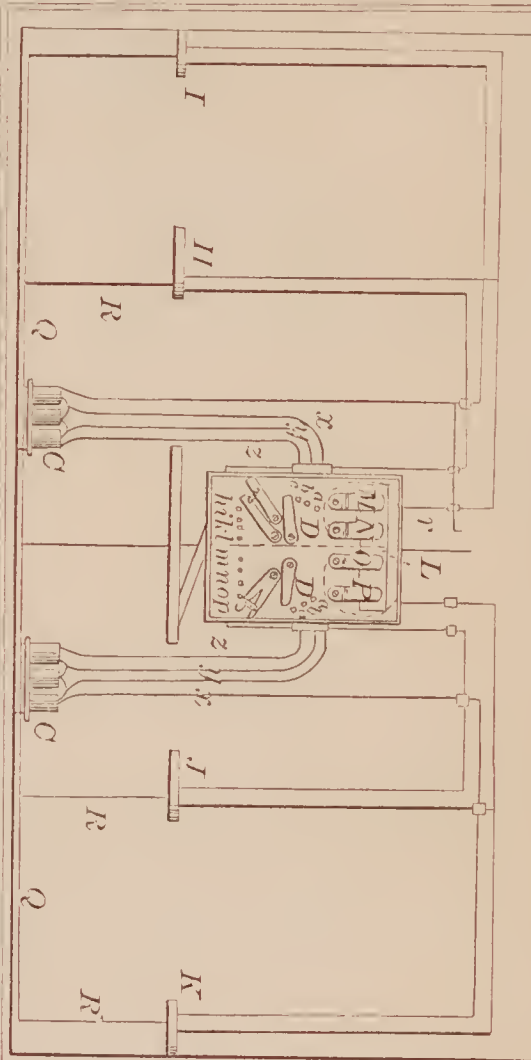
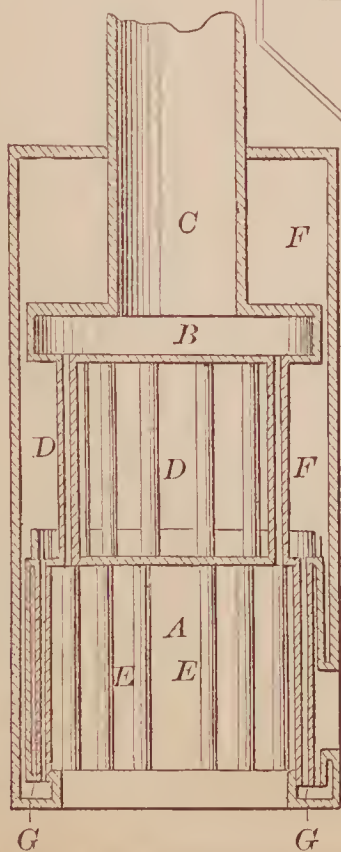
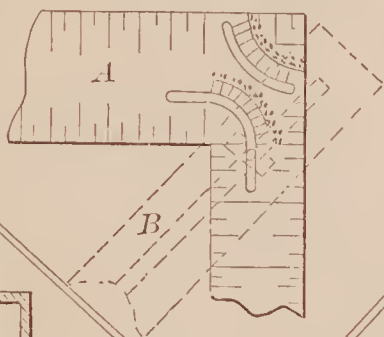


Fig. 7

61540—E. A. Hill—*Telegraphic Apparatus.*

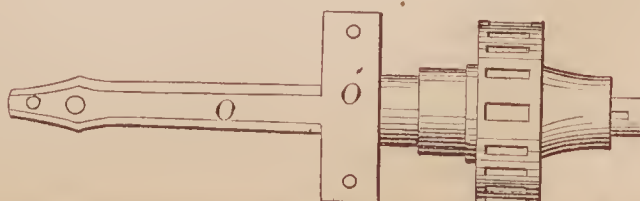
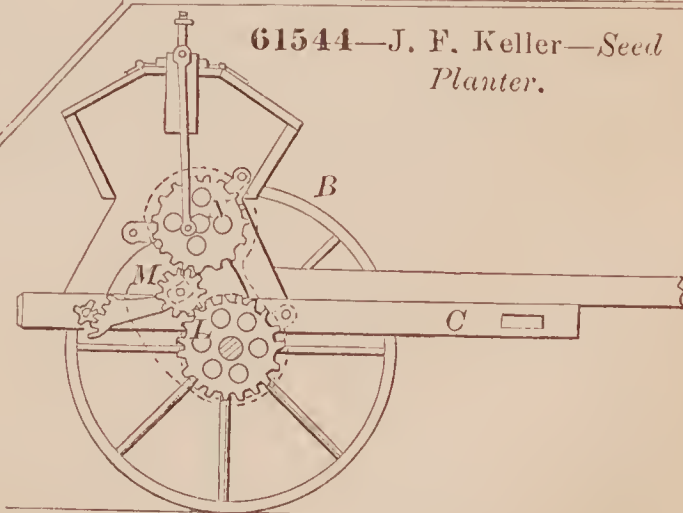


61539—O. T. Hayes—*Square.*

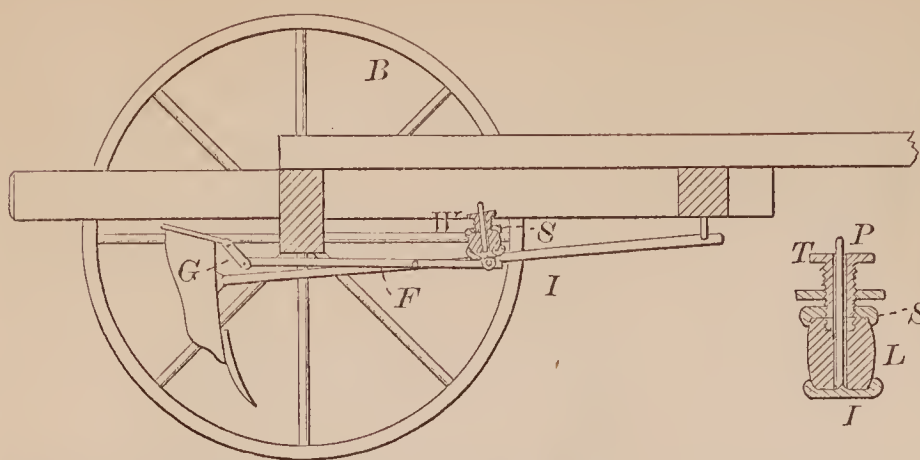


61542—E. B. Juckett—*Steam Generator.*

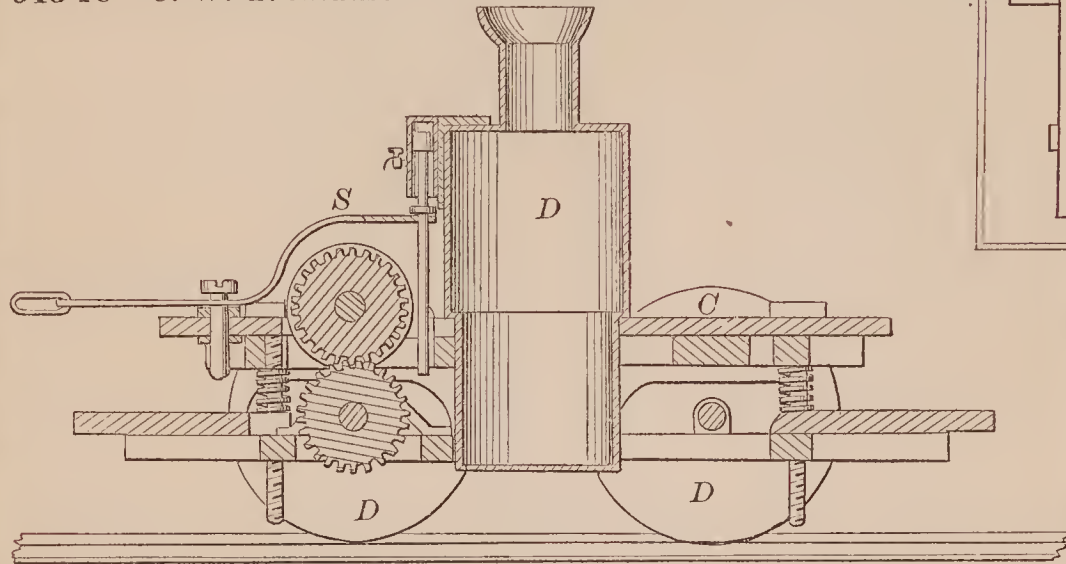
61544—J. F. Keller—*Seed Planter.*



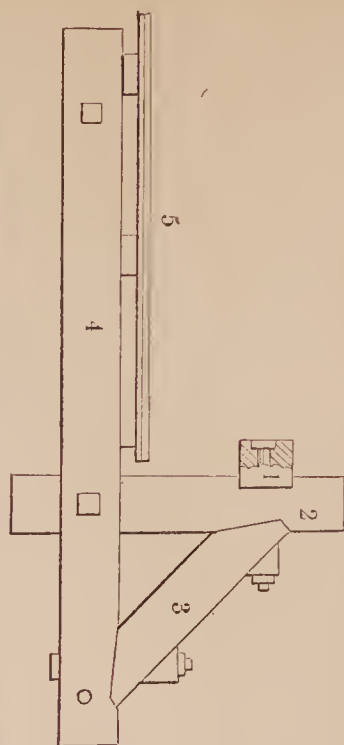
61545—J. F. Keller—Seed Planter.



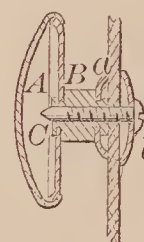
61546—C. W. T. Krausch—Locomotive.



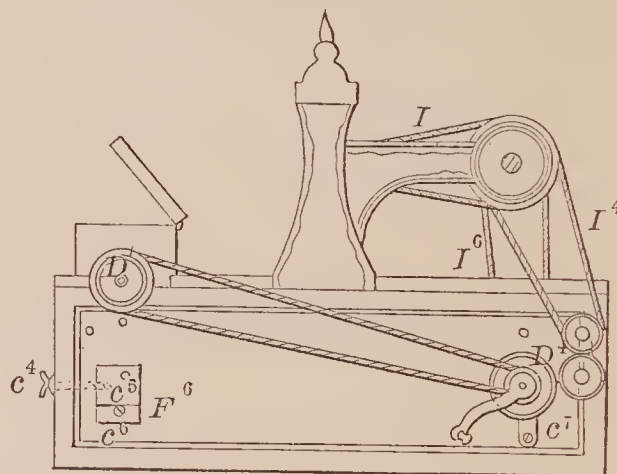
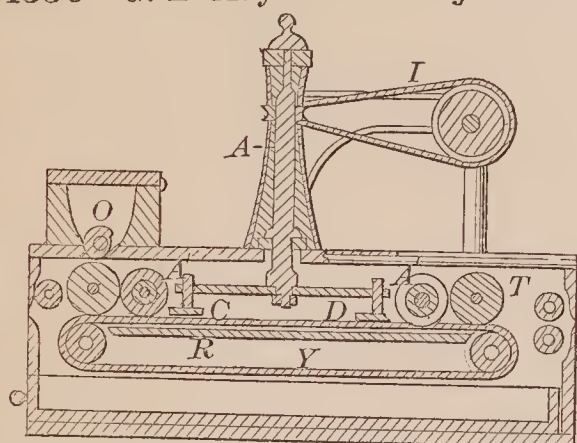
61548—S. Love—Railroad Bumping Post.



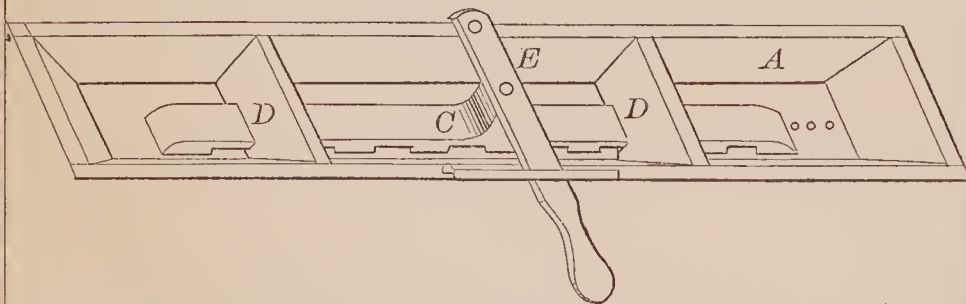
61547—F. Loos—Button.



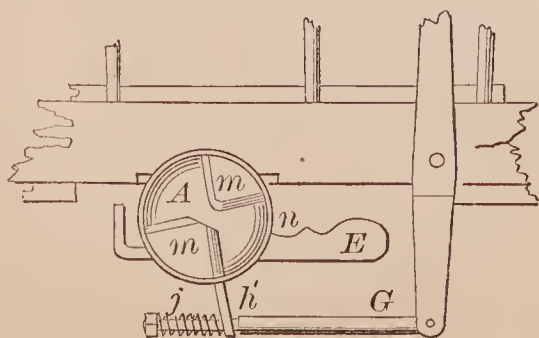
61550—G. L. Mayes—Bronzing Machine.



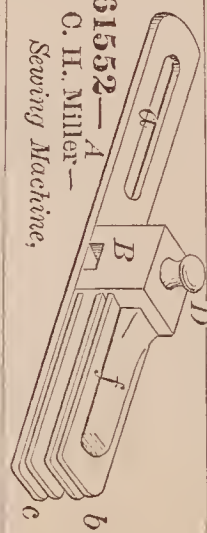
61551—C. McIntosh—Seed Sower.



61553—J. Miller—Car Coupling.



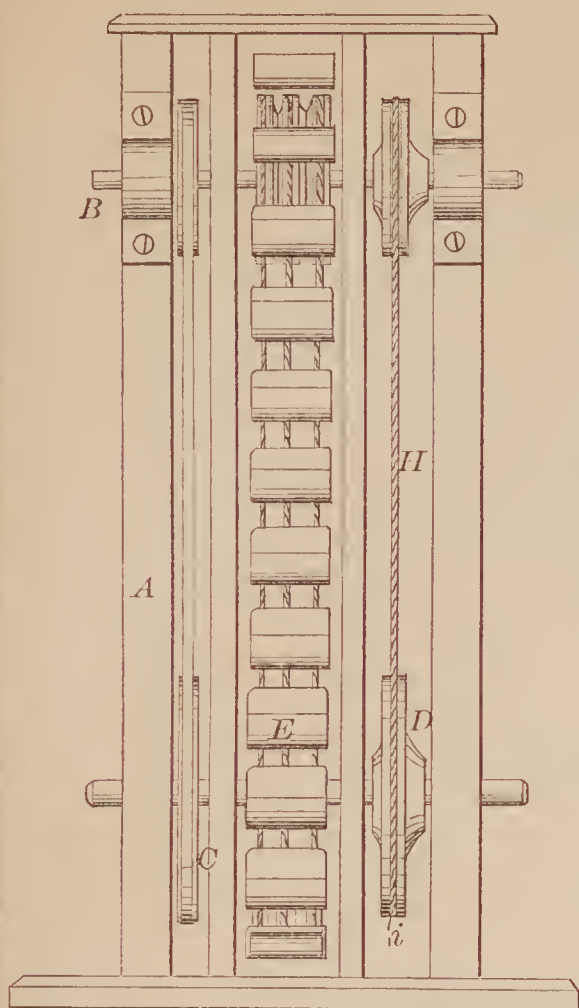
61552—A. C. H. Miller—Sewing Machine.



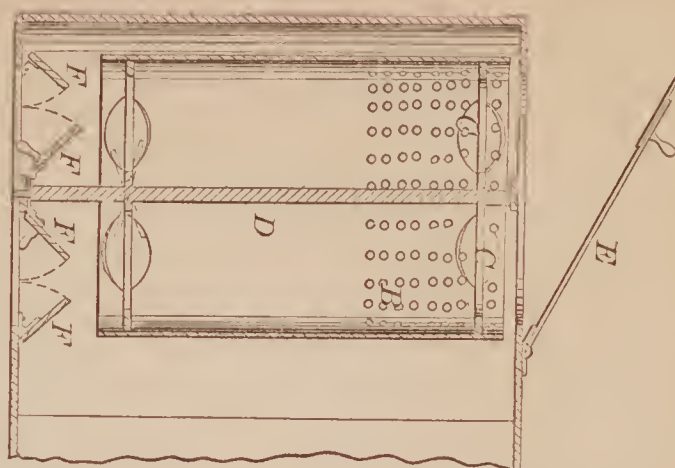
61549—W. H. May—Imitation of Open Clearing on Wood



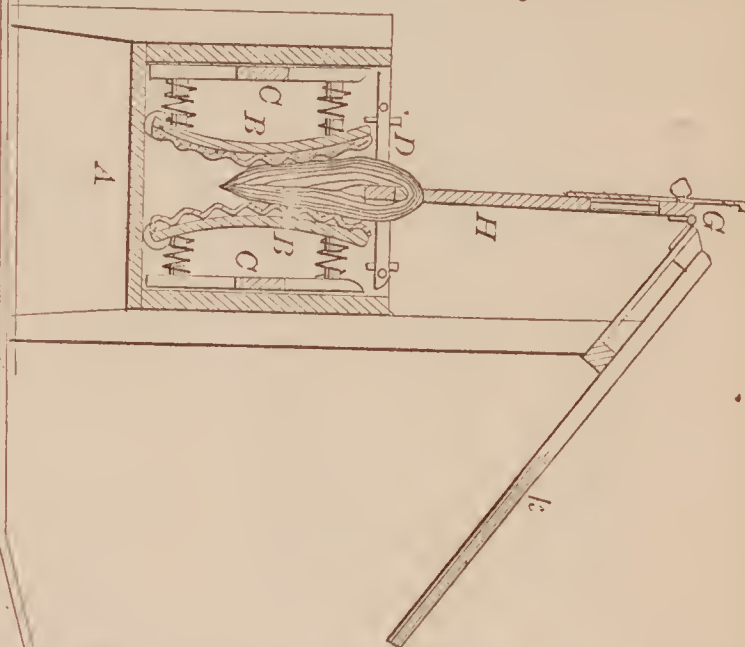
61554—Heneage, Milsom & Spendelow—*Pulley and Cable.*



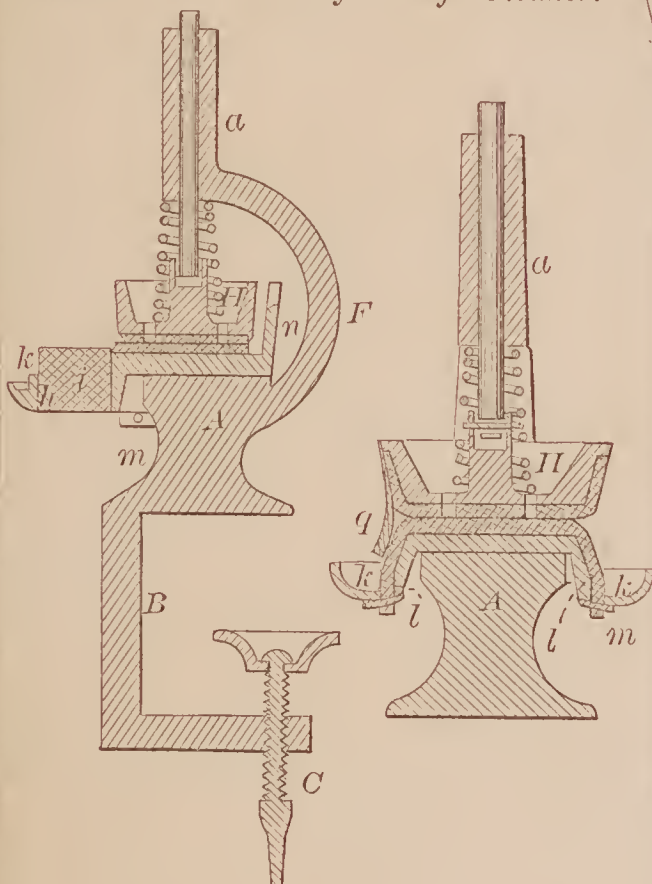
61555—J. H. Moore—*Car Ventilator.*



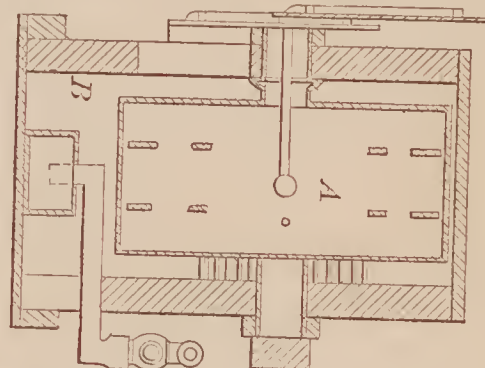
61558—T. Outwater—*Washing Machine.*



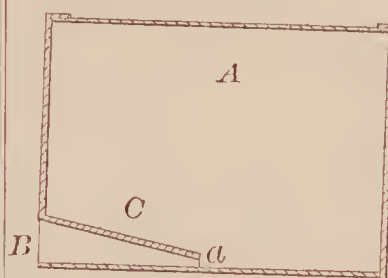
61556—N. P. Mulloy—*Knife Cleaner.*



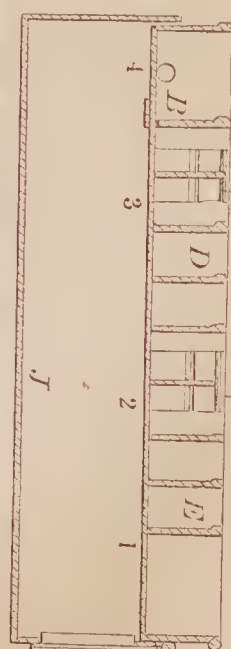
61560—W. Panton—*Stuffing Hides and Skins.*



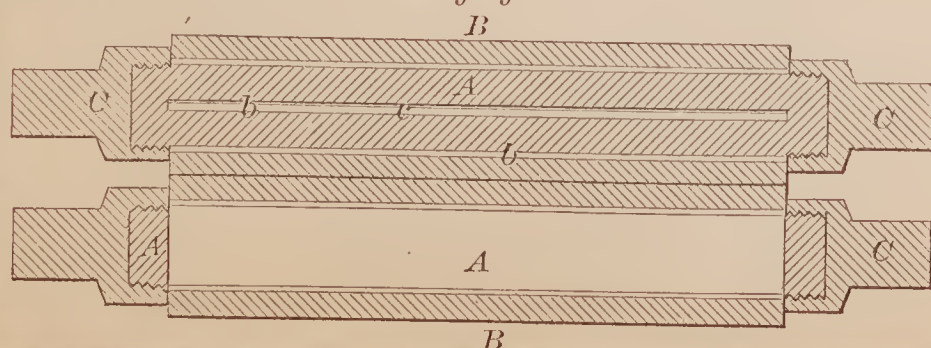
61561—P. Pardee—*Vermin Trap.*



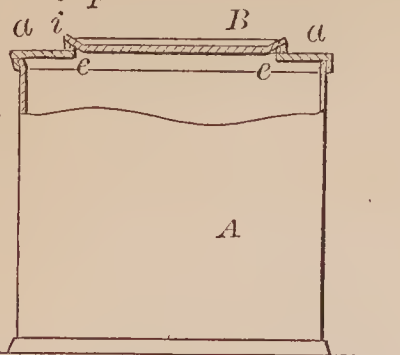
61562—L. D. Peny—*Sorghum Ejector.*



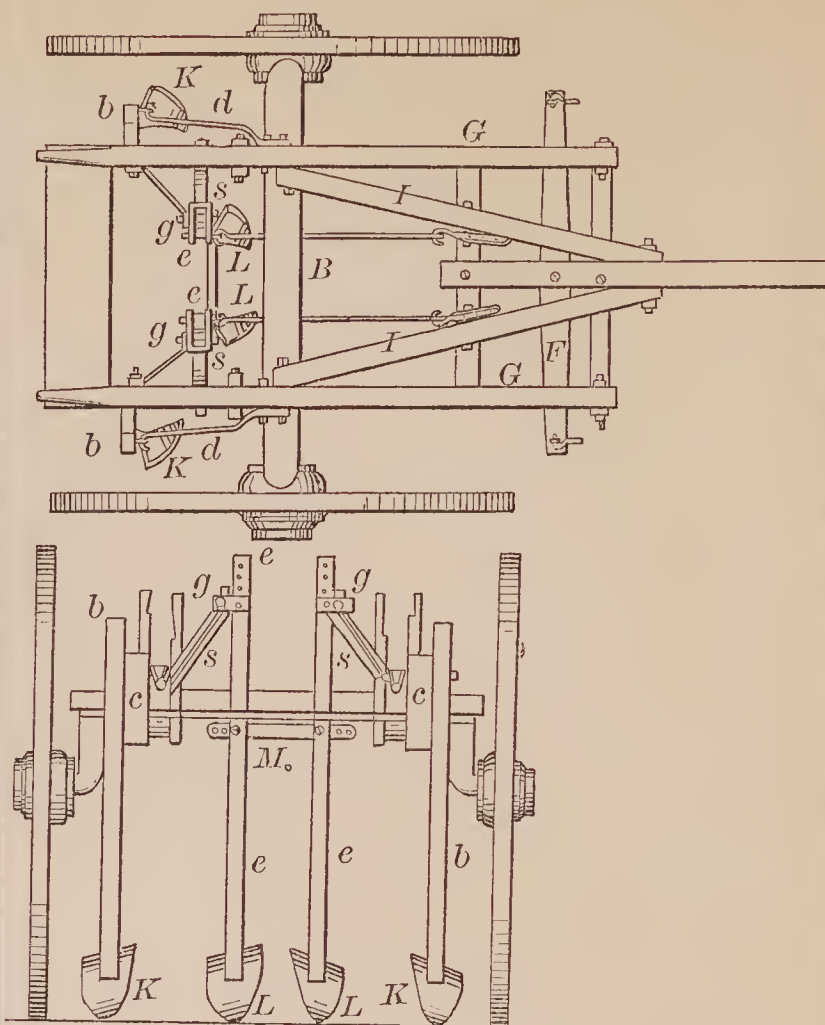
61559—H. D. Palmer—*Wringing Machine Roller.*



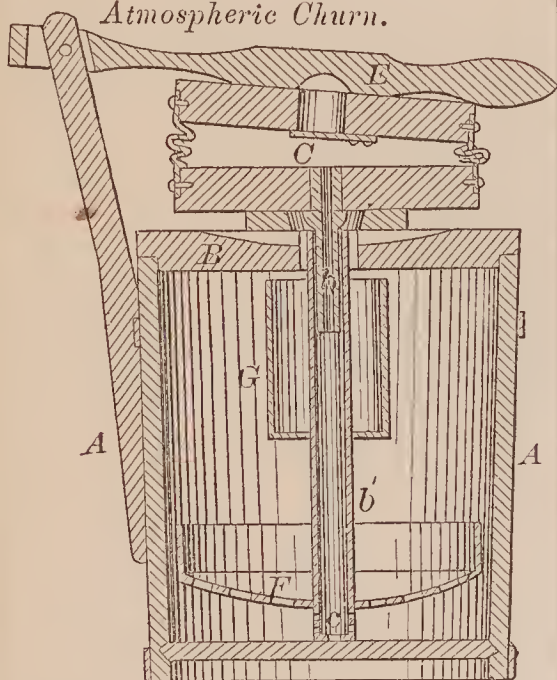
61563—D. W. Pepper—*Securing Caps to Metal Cans.*



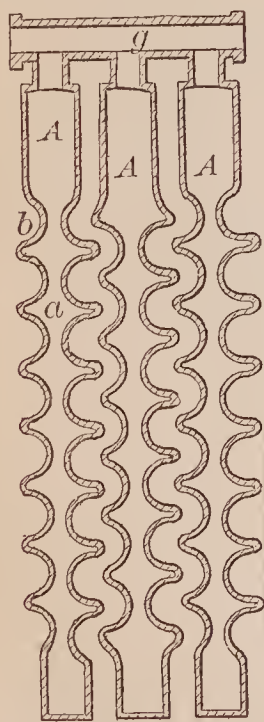
61566—G. W. Price—*Gang Plow and Cultivator.*



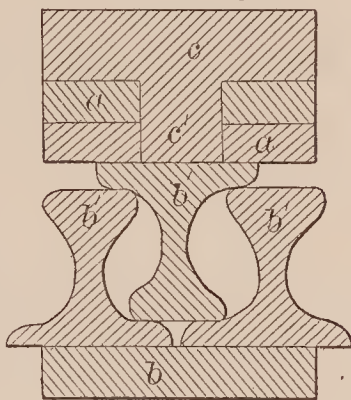
61567—Prindle & Yerk—*Atmospheric Churn.*



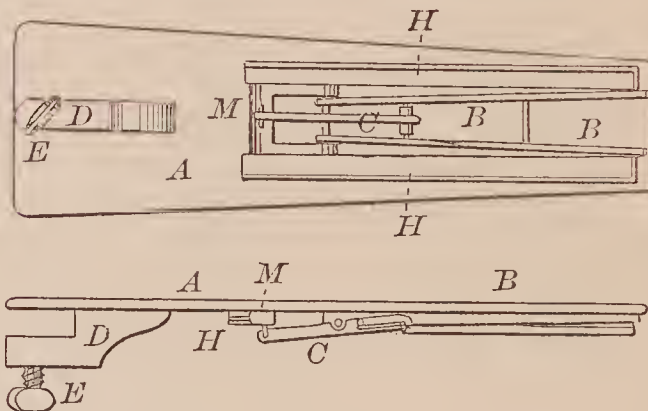
61564—
G. W. Perry—*Steam Generator.*



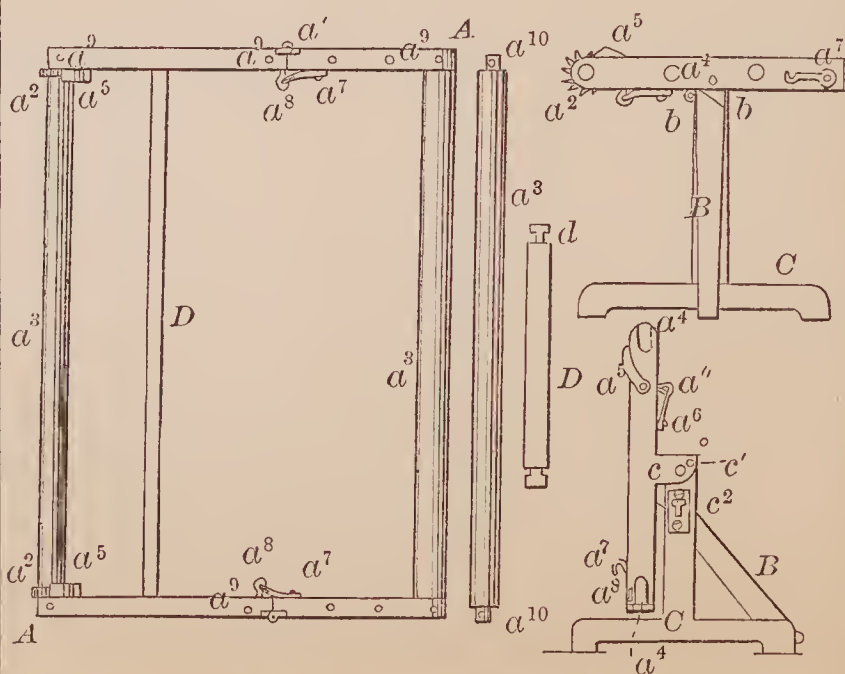
61565—S. L. Potter—*Railroad Fagot.*



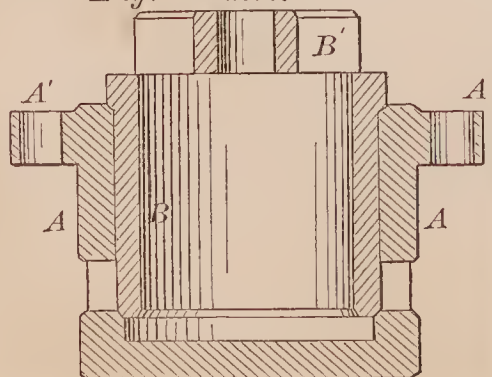
61569—M. D. Safford—*Ironing Table.*



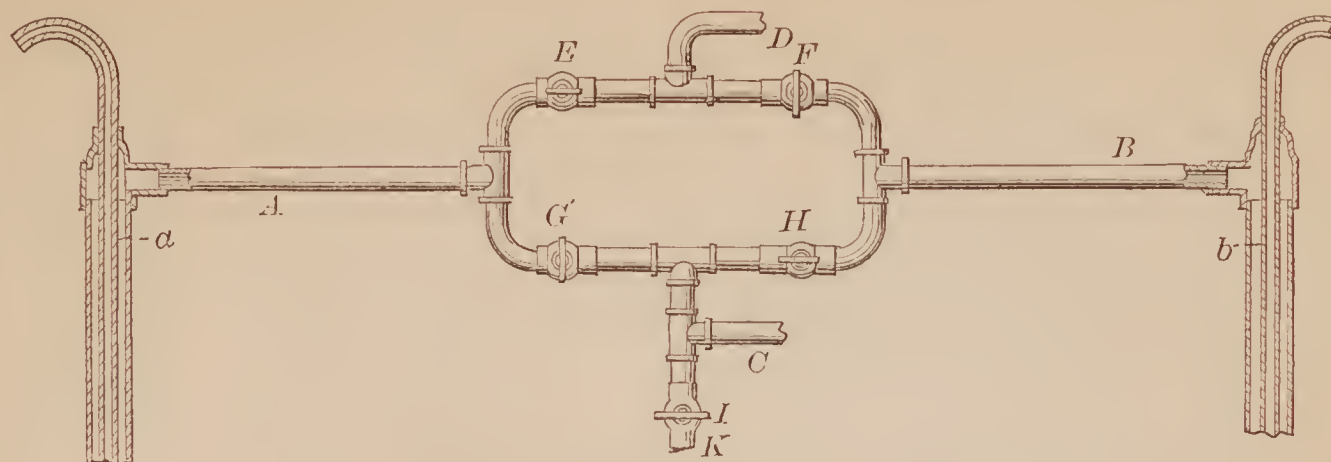
61570—Schmirk & McCollum—*Quilting Frame.*



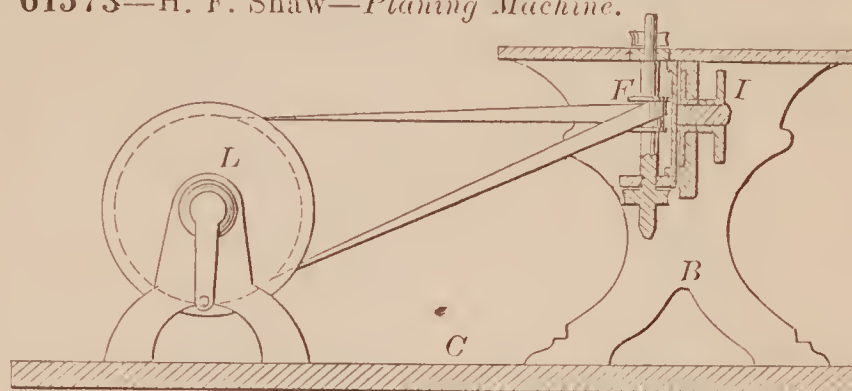
61568—T. Rodda—*Steam Engine Valve.*



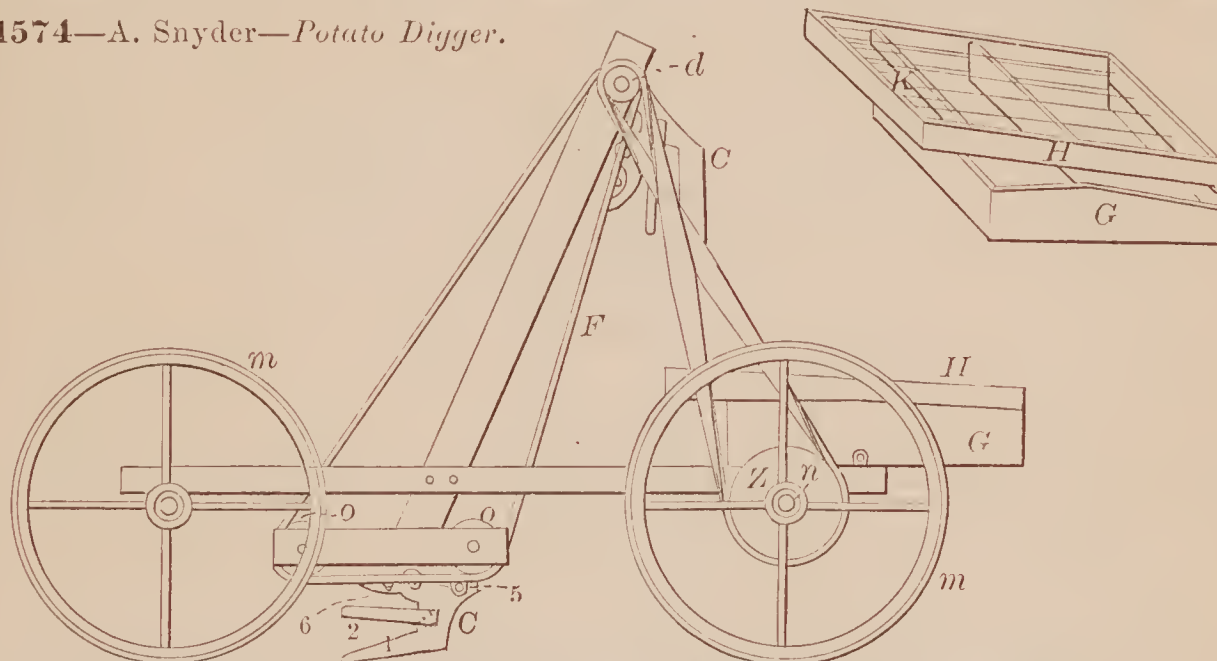
61571—H. Searle—*Oil Ejector*.



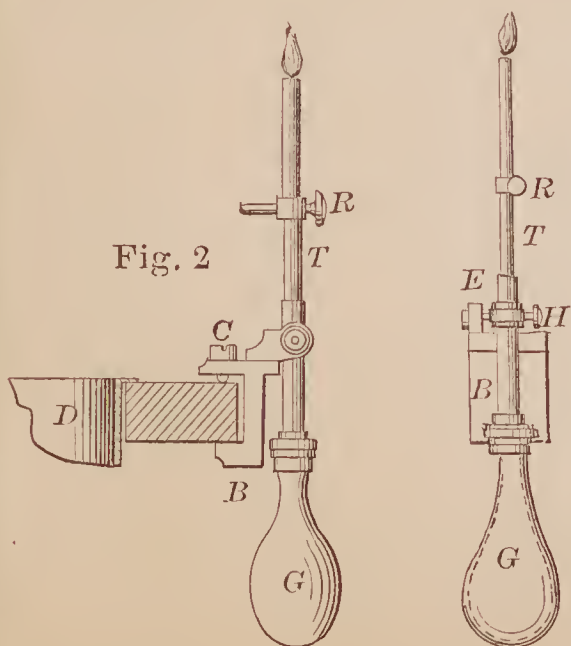
61573—H. F. Shaw—*Planing Machine*.



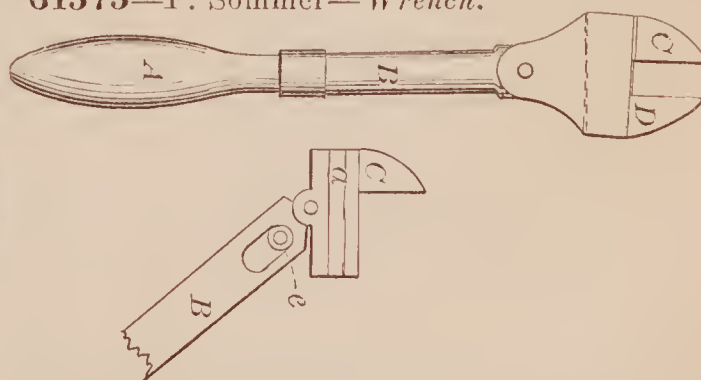
61574—A. Snyder—*Potato Digger*.



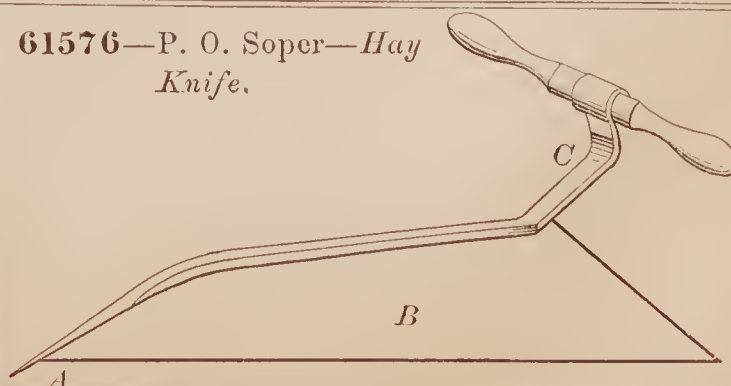
61572—G. E. Shaw—*Fire Test Torch*.

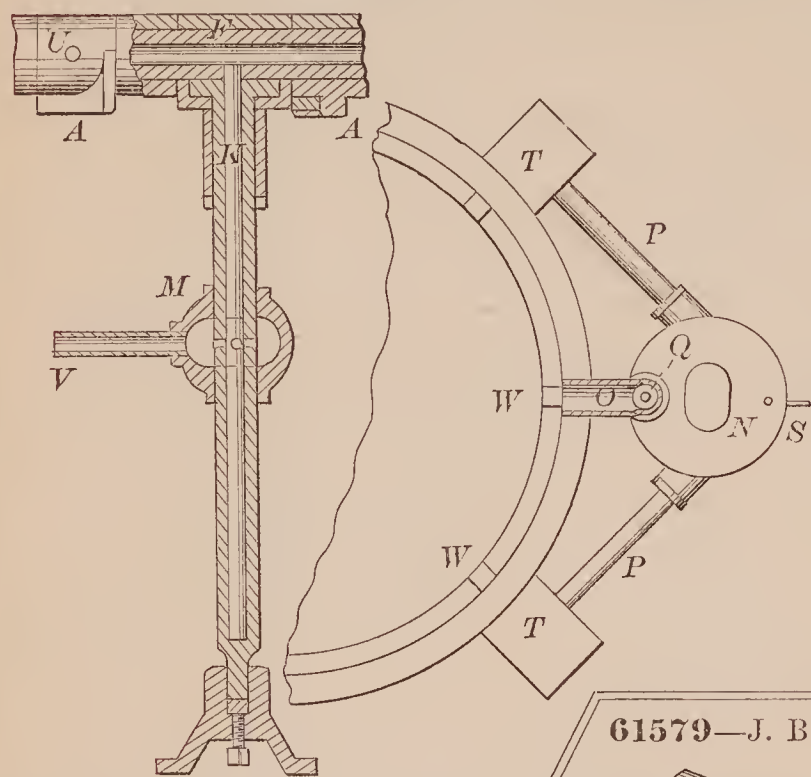
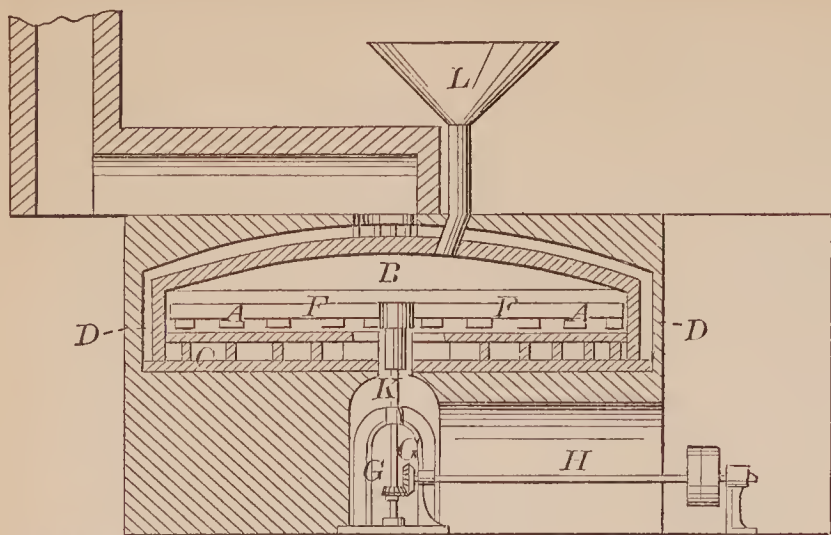
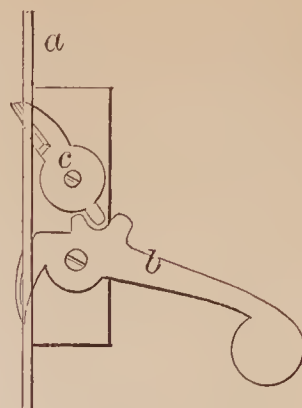
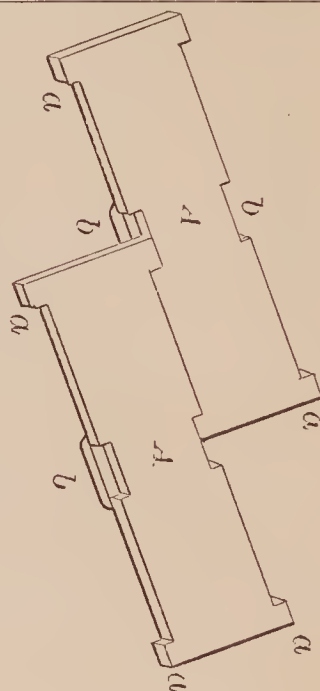
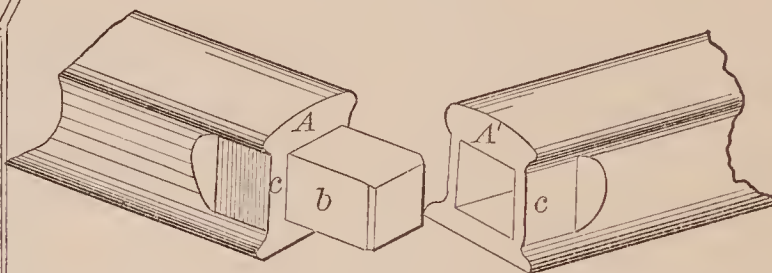
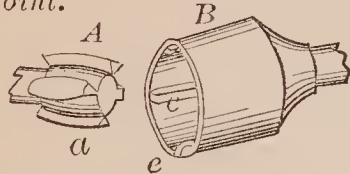
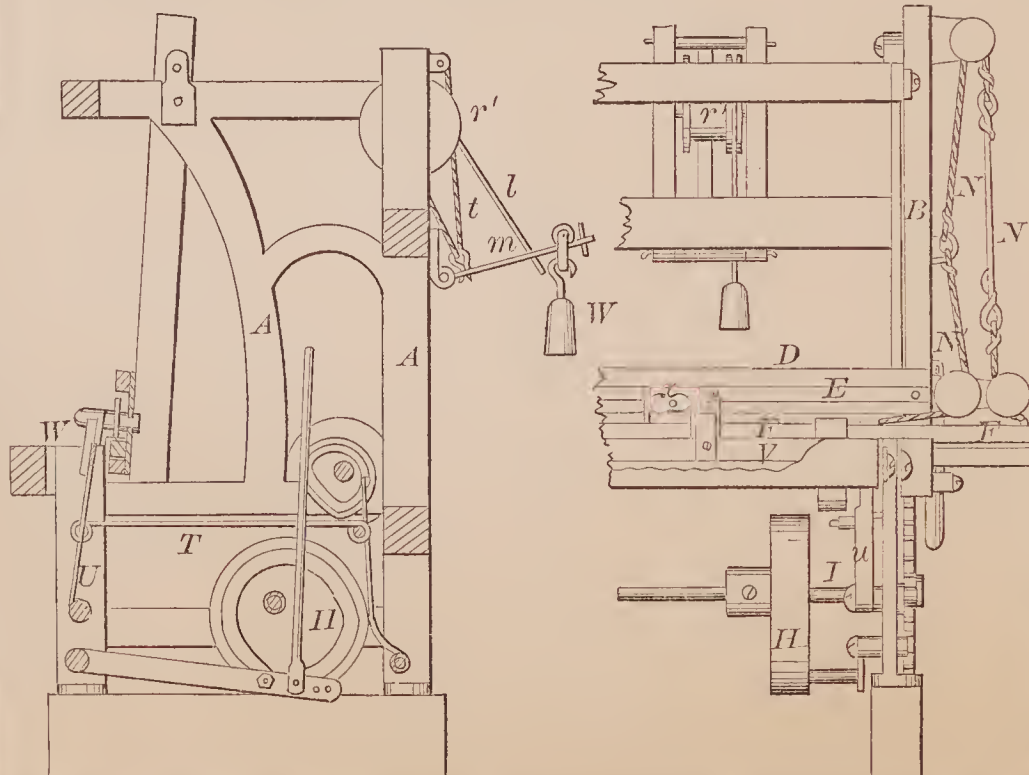
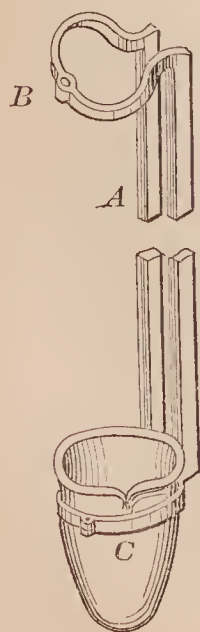


61575—P. Sommer—*Wrench*.

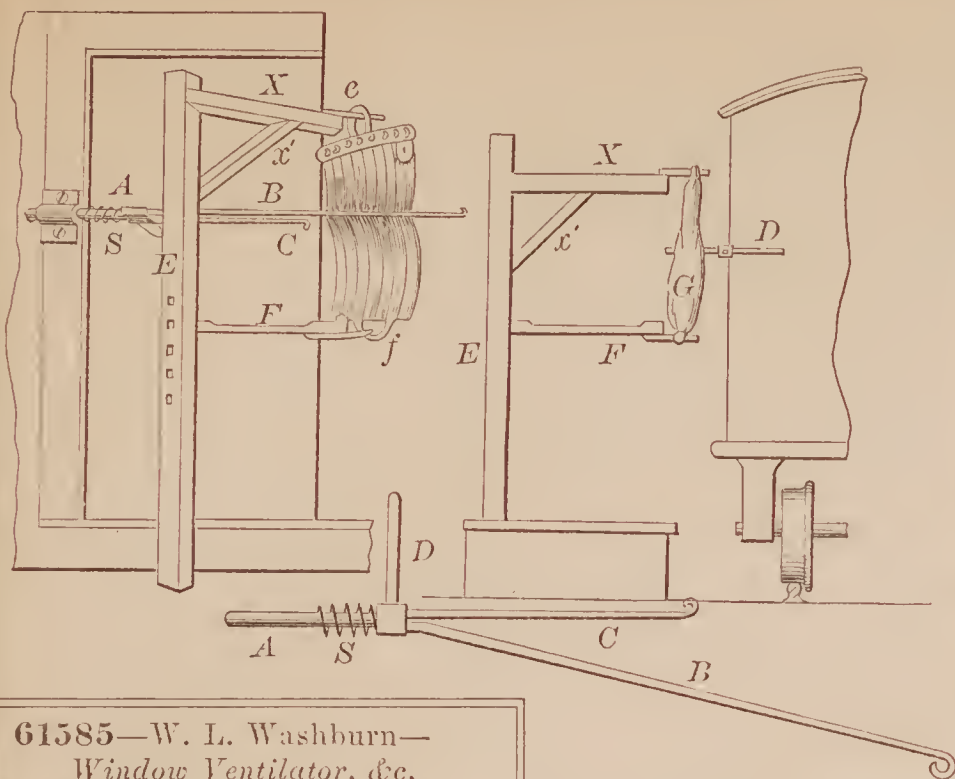


61576—P. O. Soper—*Hay Knife*.

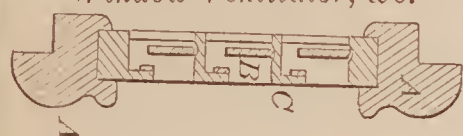


61577—I. N. Stanley—*For Desulphurizing Ores.*61578—J. Stevens—*Sash Fastener.*61580—J. B. Tarr—*Metallic Pavement.*61579—J. B. Tarr—*Railroad Rail.*61581—S. N. Taylor—*Universal Joint.*61583—S. Walker—*Narrow Ware Loom.*61582—F. Villard—*Crucible Tongs.*

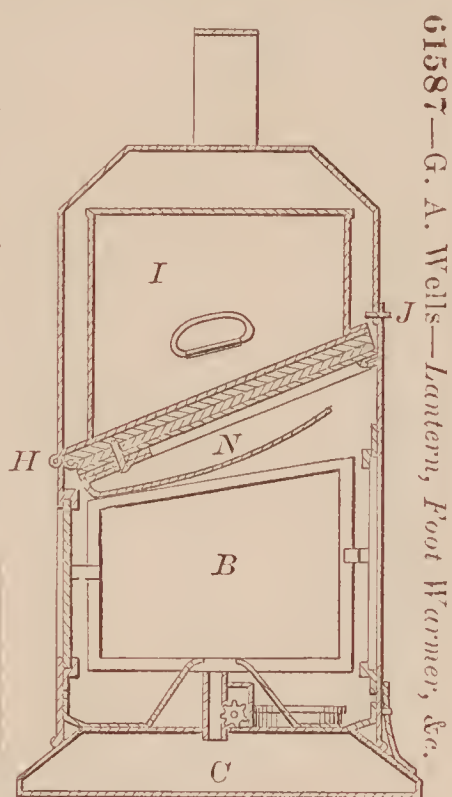
61584—L. F. Ward—Mail Bag Catcher for Cars.



61585—W. L. Washburn—Window Ventilator, &c.

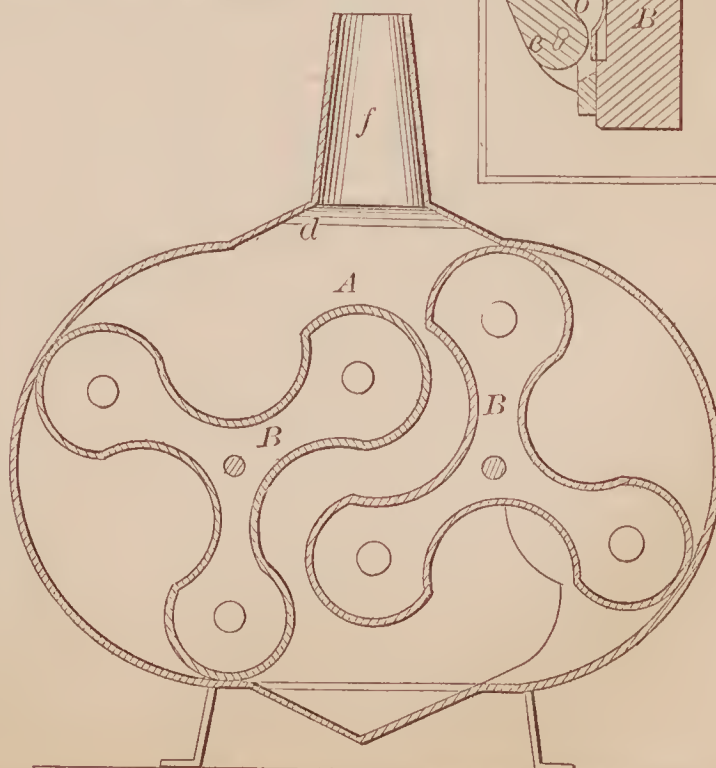


61588—H. Wettstein—Coverlid.



61587—G. A. Wells—Lantern, Foot Warmer, &c.

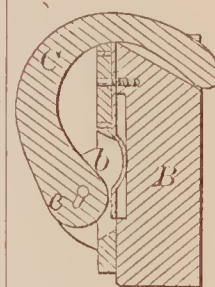
61592—J. M. Williams—Blower.



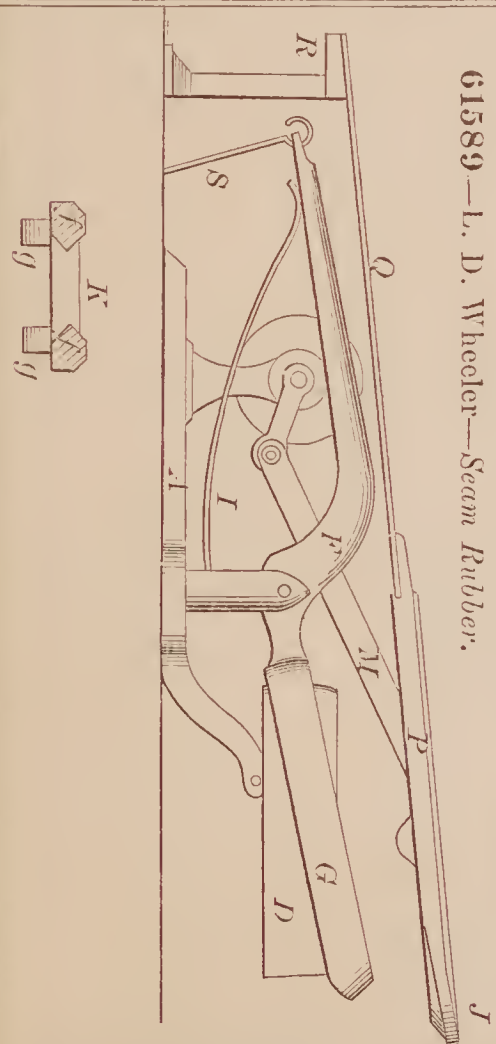
61586—J. Webster—Manufacture of Peat Fuel.



61590—Whitmarsh & Putnam—Clothes Hook.

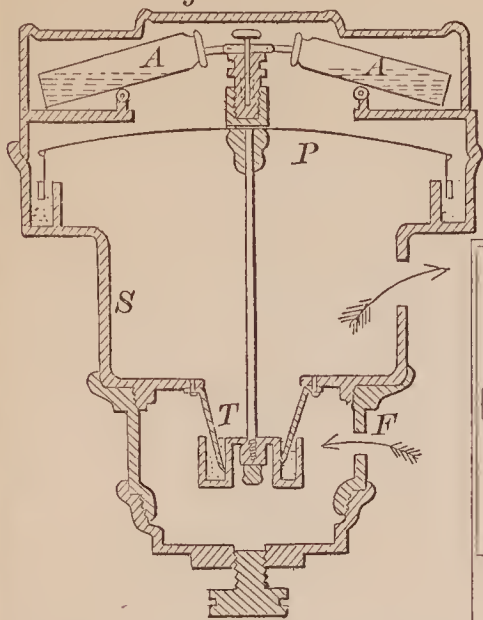
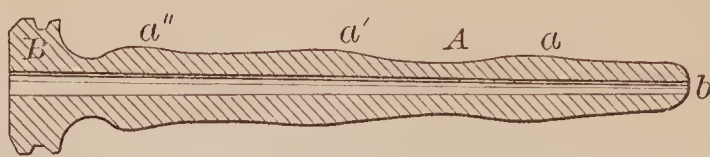
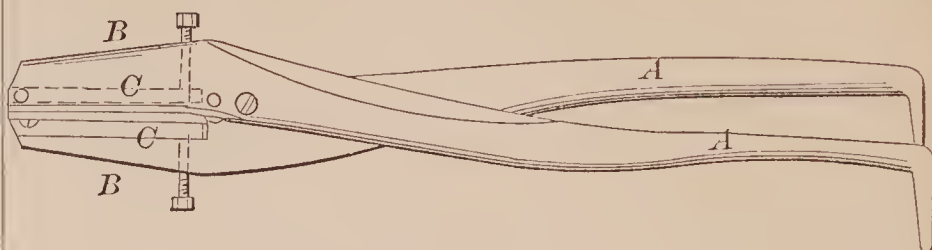
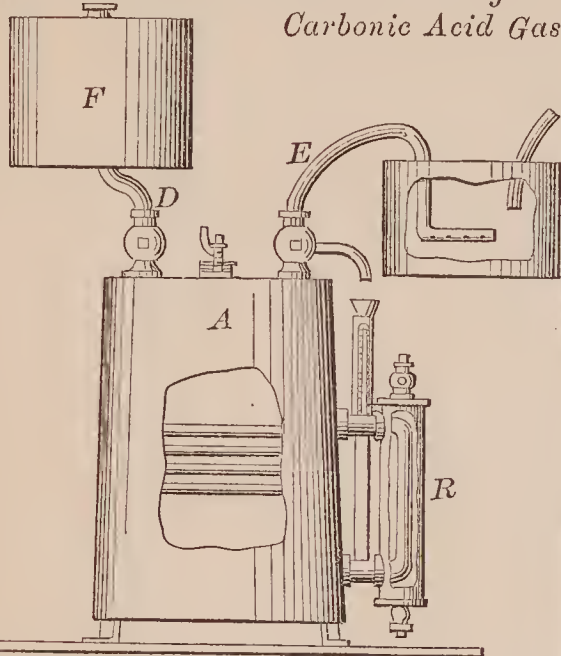
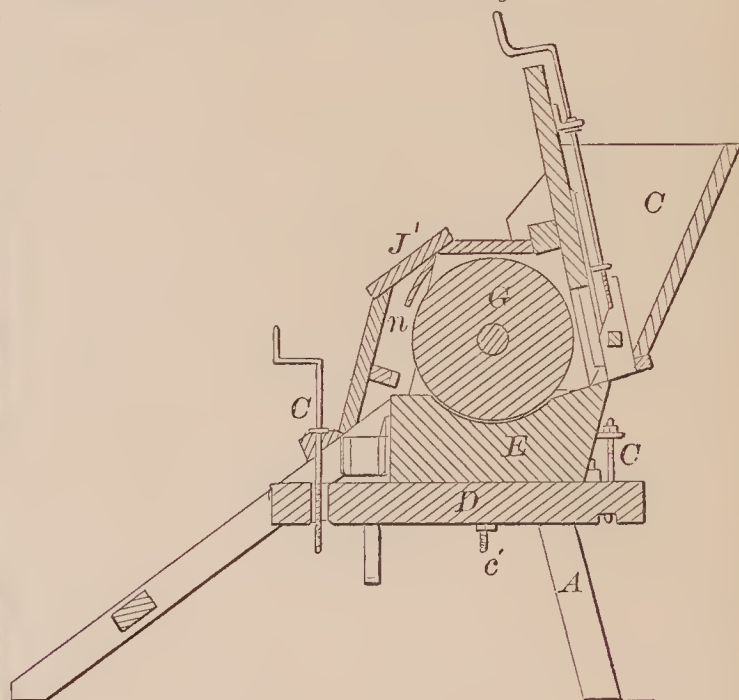
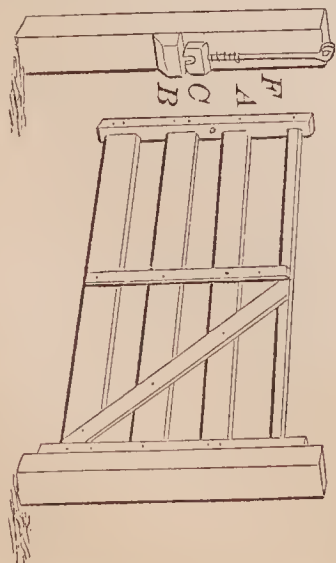
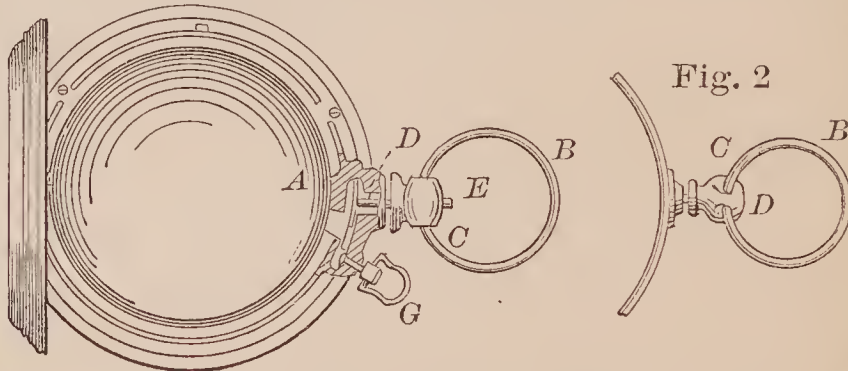
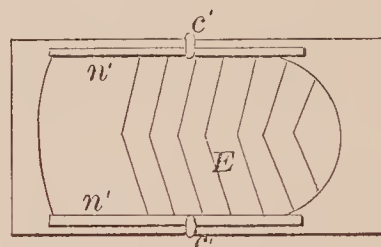
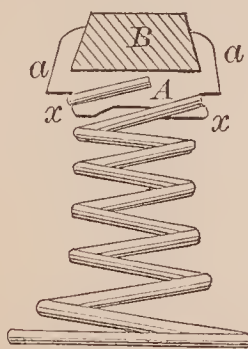
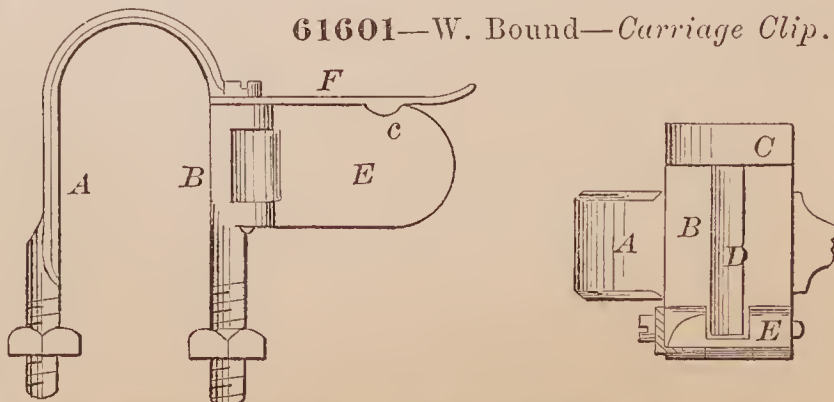


61589—L. D. Wheeler—Seam Rubber.

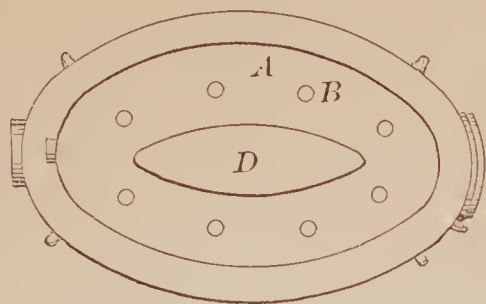


61591—F. W. Willard—Spoon.

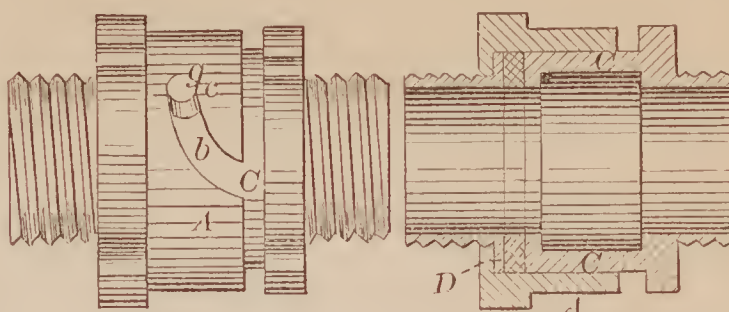


61593—A. H. Wood—*Gas Regulator.*61598—W. E. Bass—*Weft Bobbin.*61597—Ball & Graves—*Shears.*61596—S. T. Bacon—*For Generating Carbonic Acid Gas.*61599—J. H. Bear—*Grinding Mill.*61595—A. S. Babbitt—*Bed Bottom.*61594—L. Woodruff—*Gate Latch.*61601—W. Bound—*Carriage Clip.*

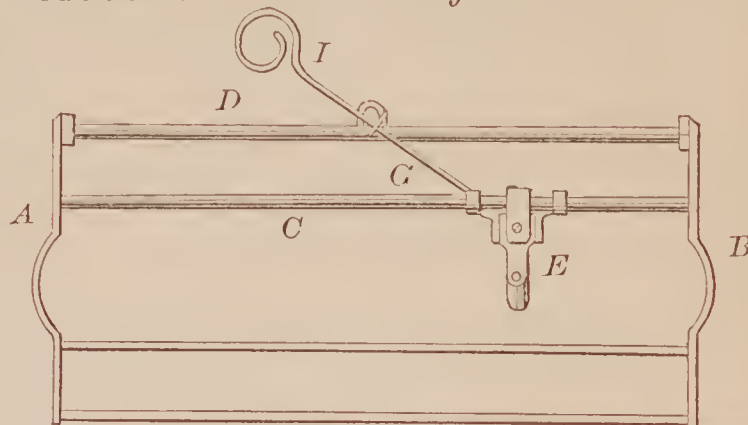
61602—N. A. Boynton—*Coal Stove.*



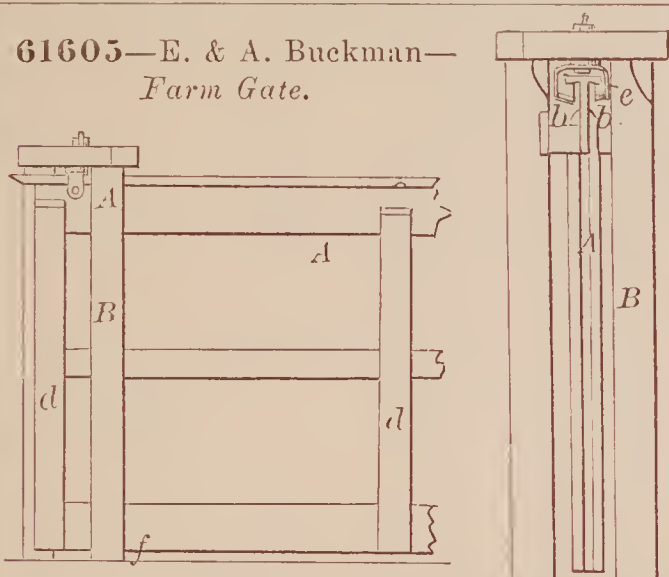
61607—W. Craig—*Pipe Coupling.*



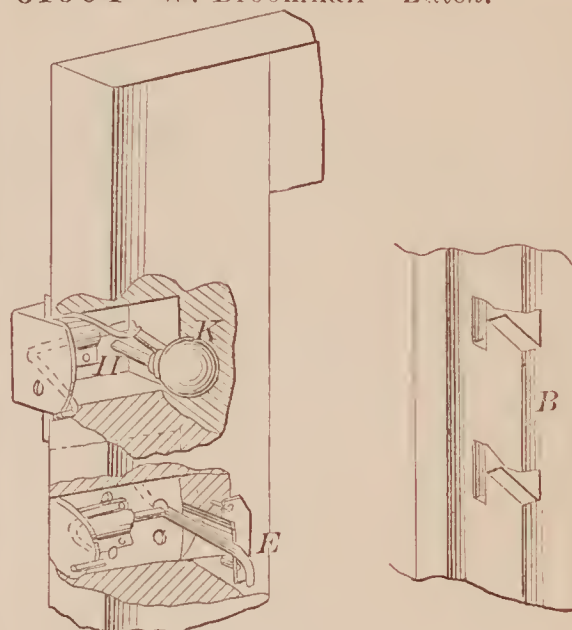
61608—T. Crane—*Knitting Machine.*



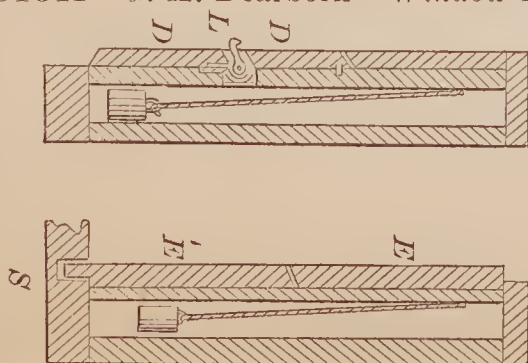
61605—E. & A. Buckman—*Farm Gate.*



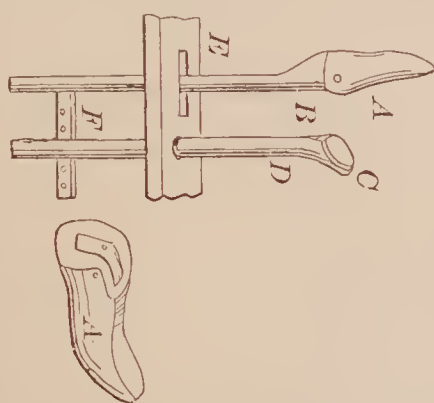
61604—W. Broomhall—*Latch.*



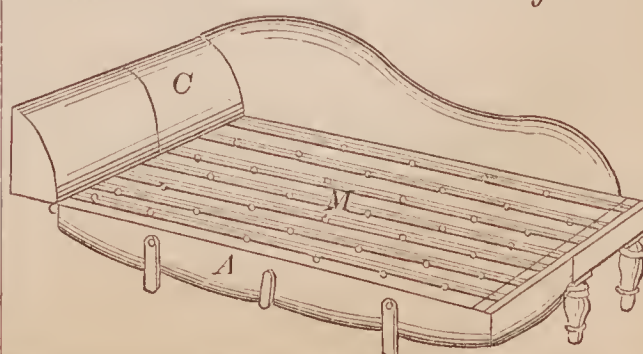
61611—G. K. Dearborn—*Window Frame.*



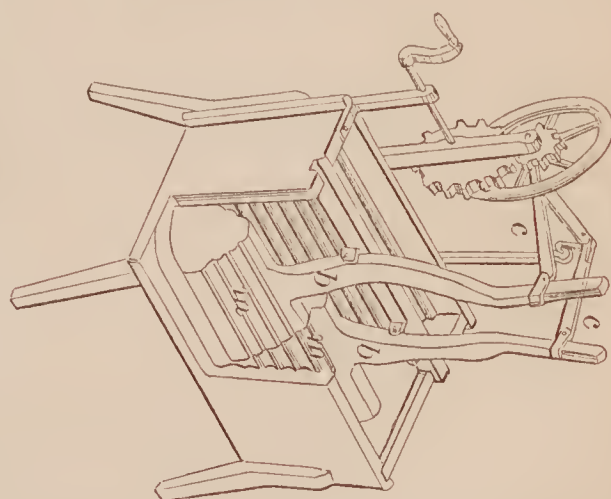
61603—A. N. Breneman—*Jack.*

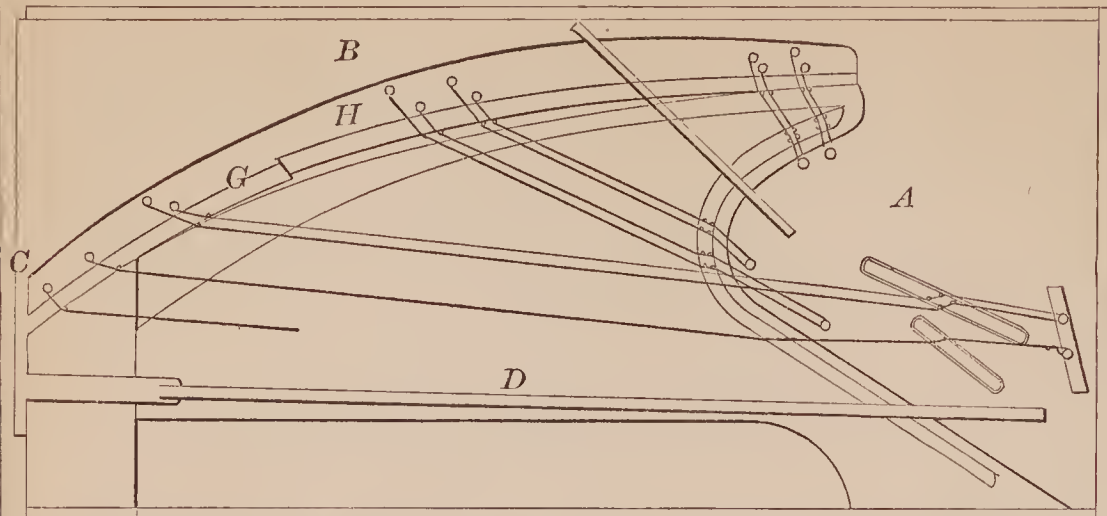
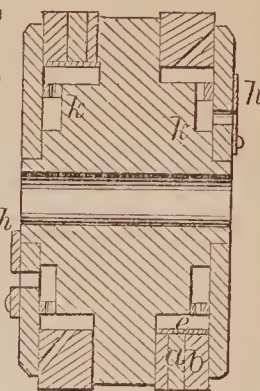
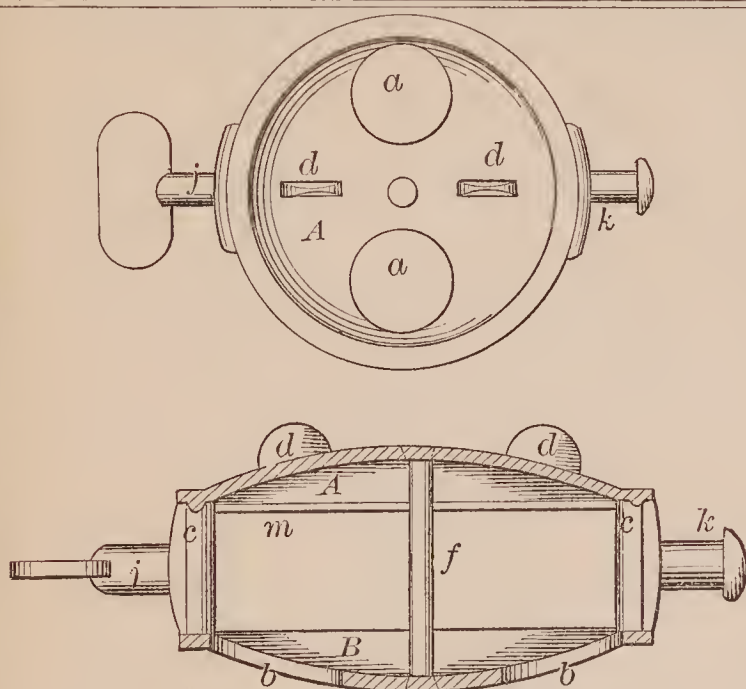
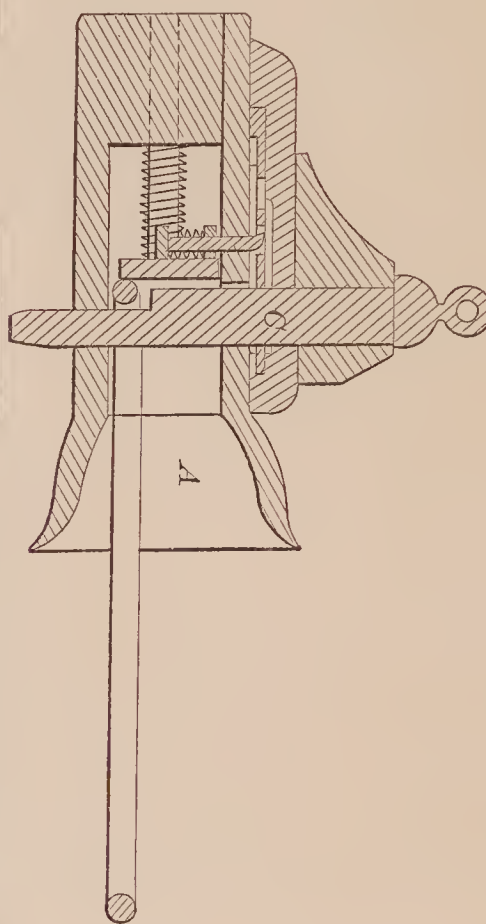
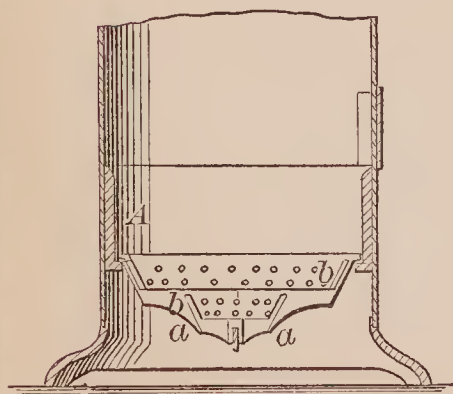
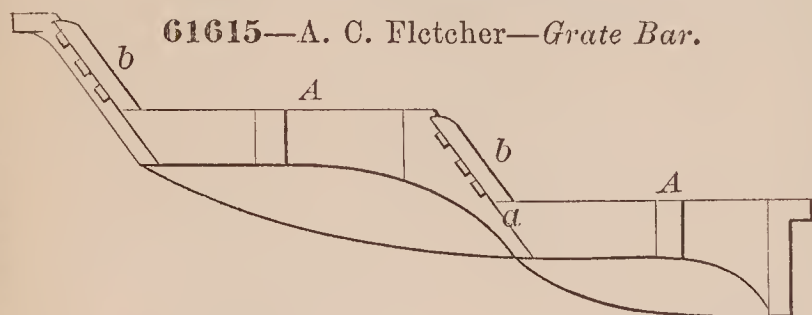
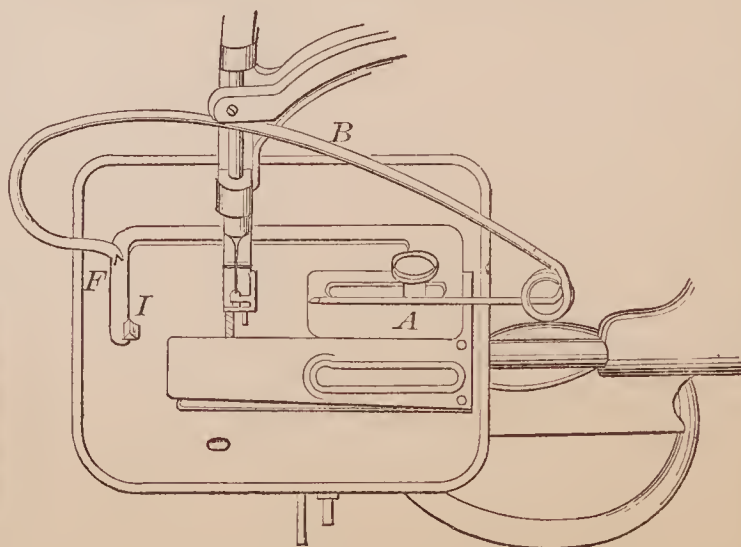
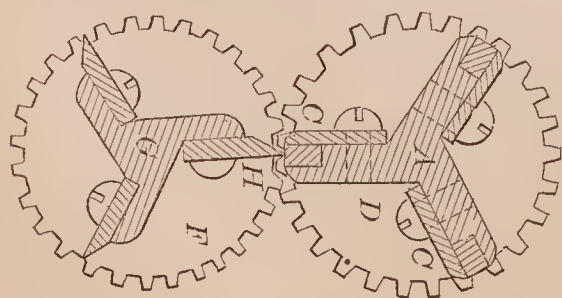


61610—R. H. Cutter—*Bed Lounge.*

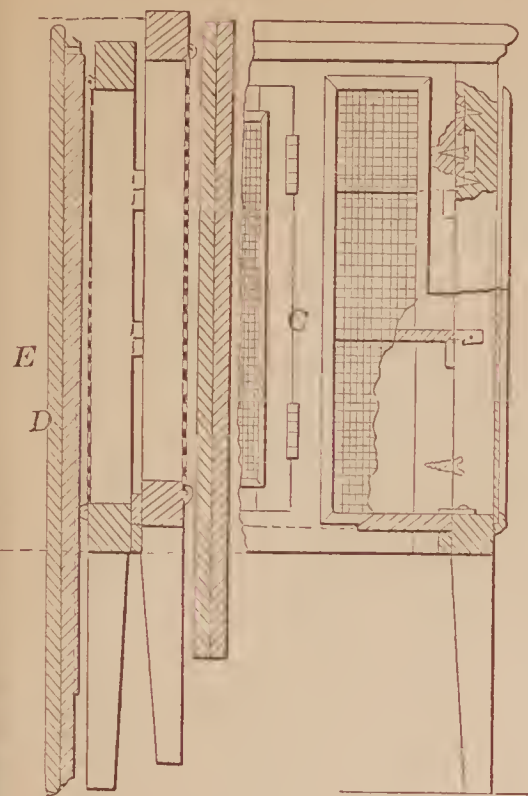


61609—E. D. Grosley—*Washing Machine.*

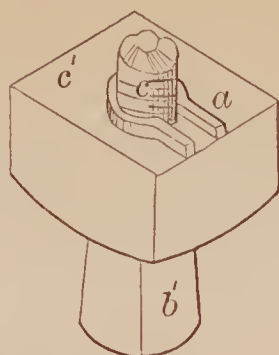


61612—J. J. & D. Decker—*Piano Forte*.61614—G. Dryden—*Piston Packing*.61613—D. De Garano—*Store Pipe Damper*.61616—G. B. French—*Car Coupling*.61615—A. C. Fletcher—*Grate Bar*.61618—H. C. Goodrich—*Sewing Machine*.61617—W. Gale—*Straw Cutter*.

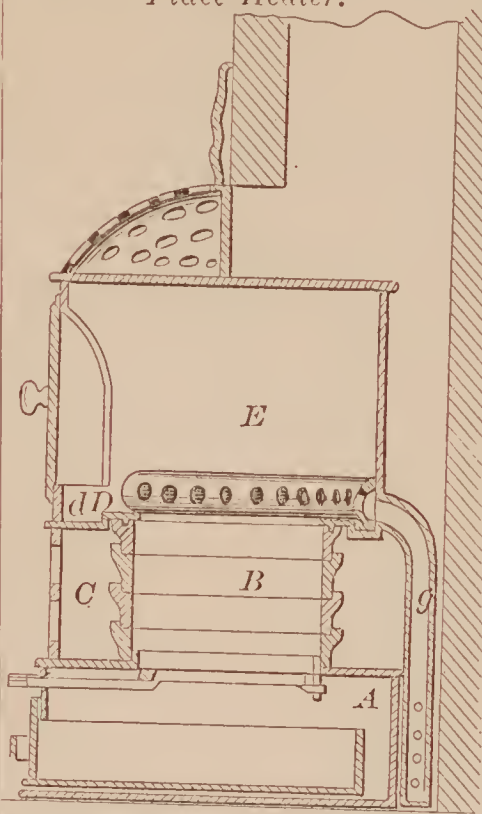
61619—F. S. Gwyer—*Meat Safe.*



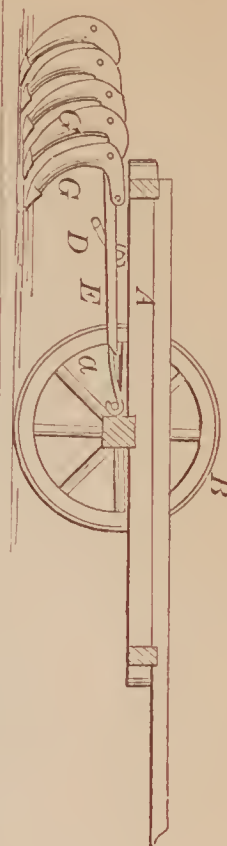
61620—Harris & Browning—*Nut Fastener.*



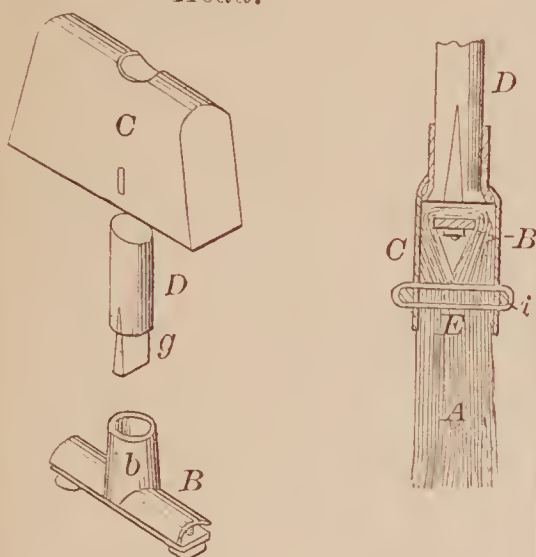
61623—W. C. Lester—*Fire Place Heater.*



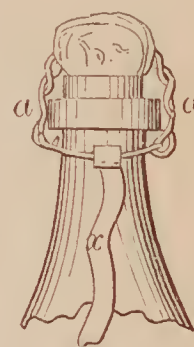
61622—J. Kessler—*Cultivator.*



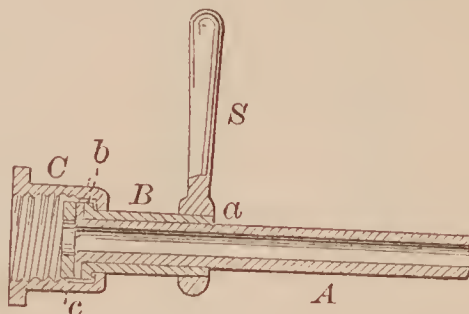
61621—J. M. Hotaling—*Broom Head.*



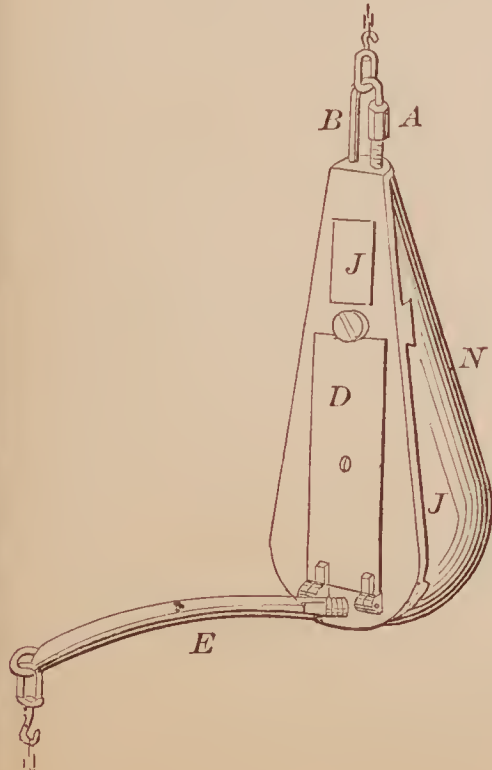
61624—A. Manuel—*For Uncorking Bottles.*



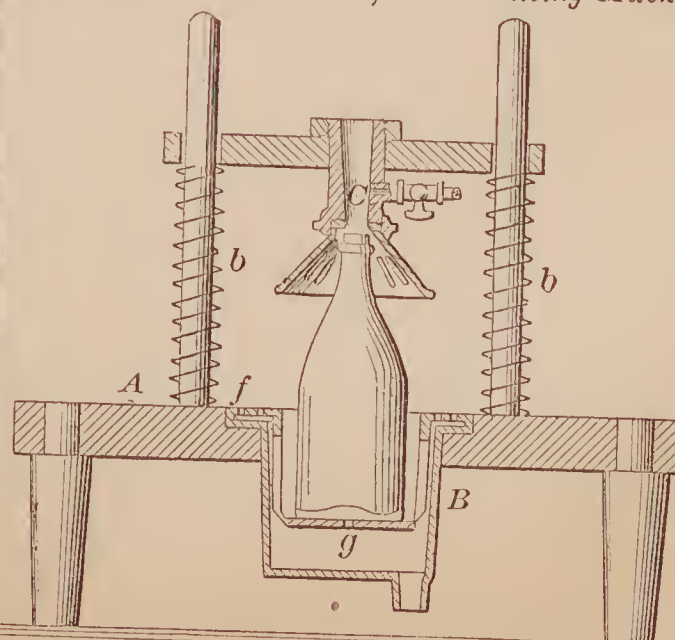
61626—J. Matthews, Jr.—*Pipe Coupling.*

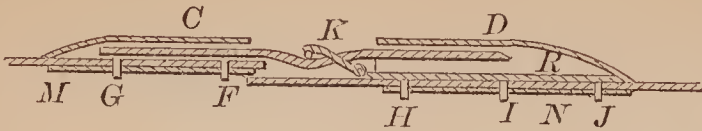
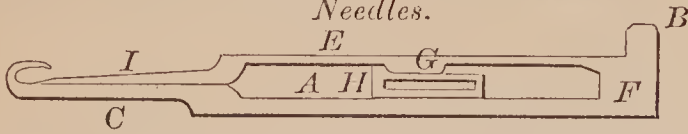
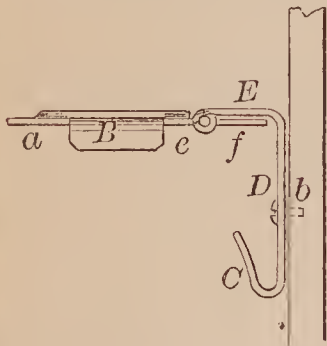
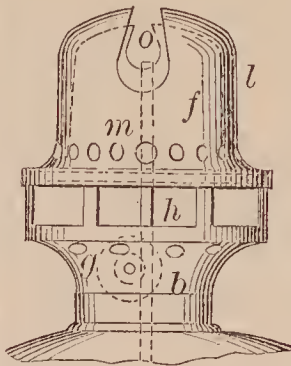
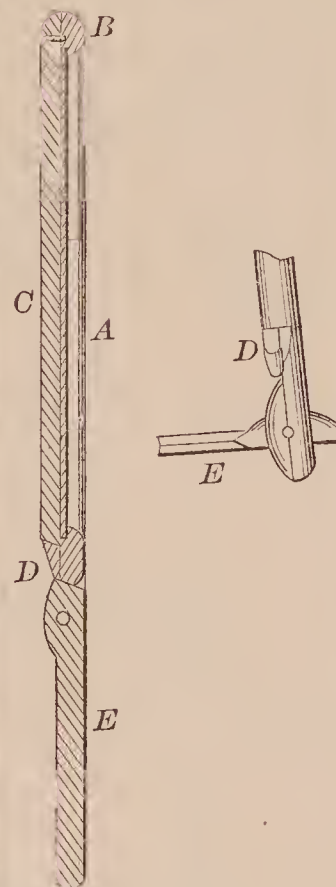
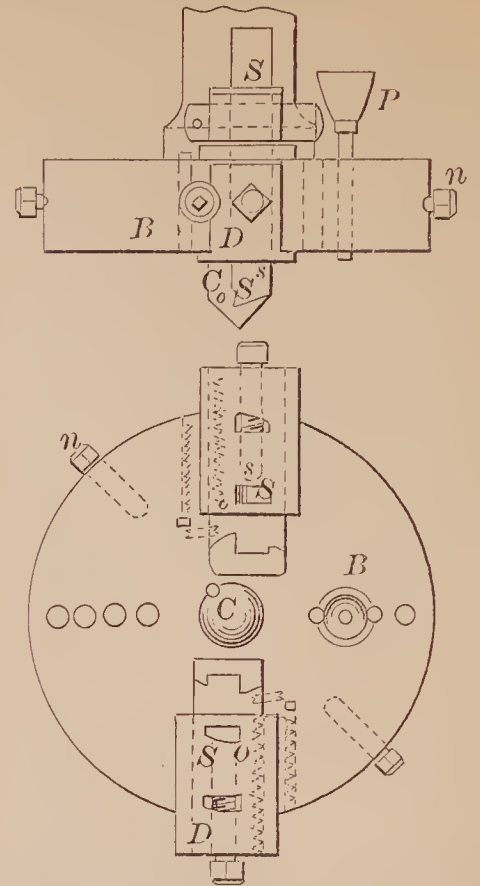
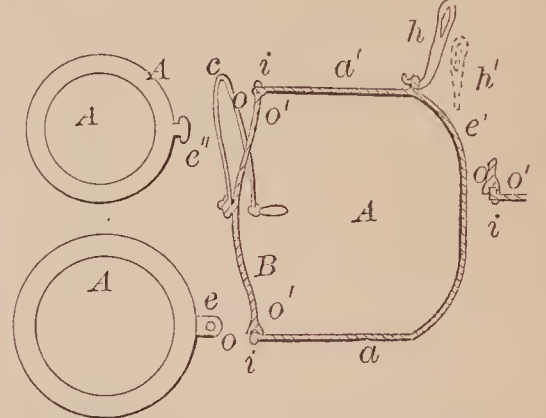
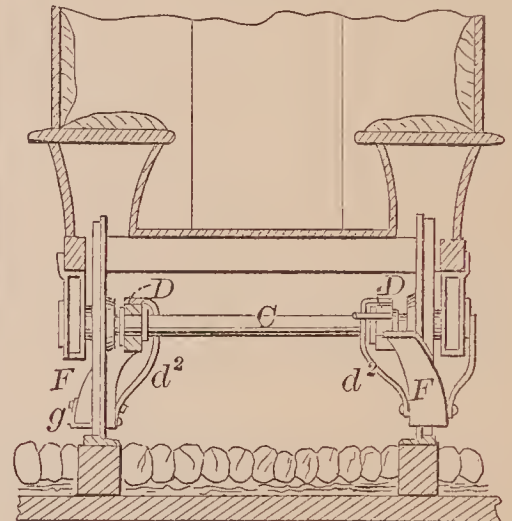
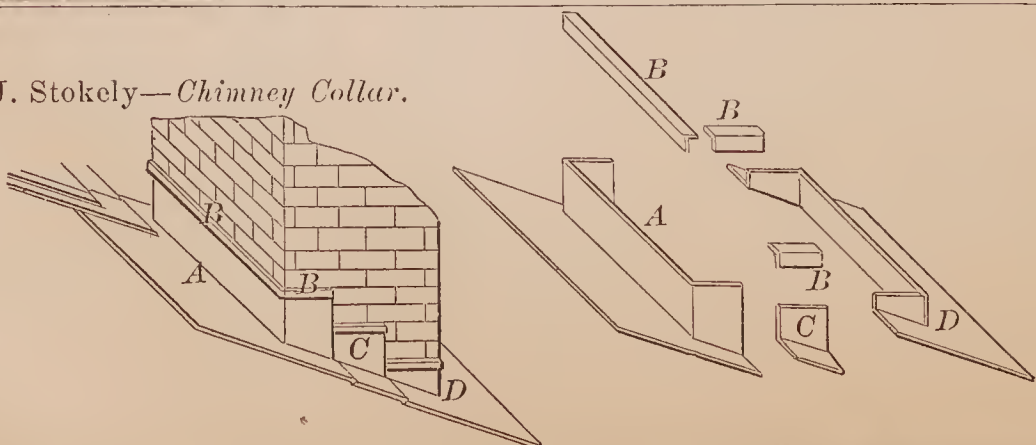


61625—J. R. Martin—*Fishing Line Sinker.*

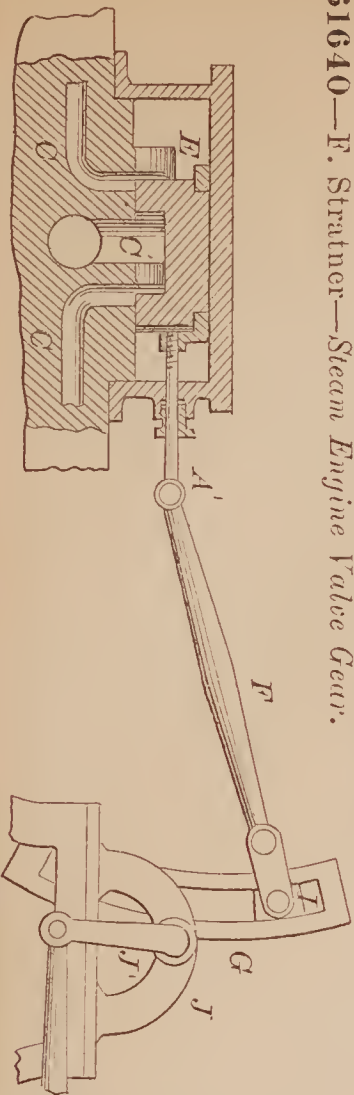


61627—J. Matthews, Jr.—*Bottling Machine.*

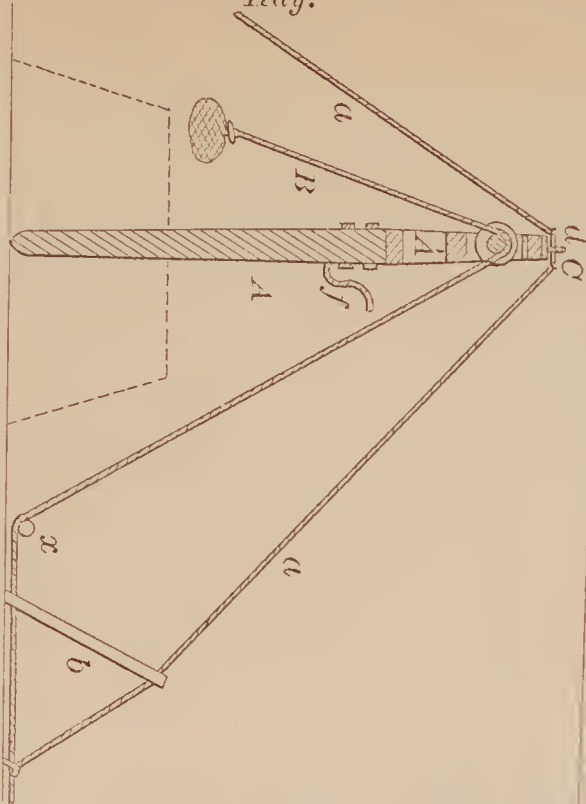


61628—R. Meyer—*Buckle Fastening.*61630—Miller & Bidwell—*Knitting Machine Needles.*61633—E. J. Post—*Hat and Coat Holder.*61634—T. Rowatt—*Lamp Burner.*61635—J. H. Ryan—*Toilet Glass.*61629—J. Miller—*Boring Tool.*61636—A. Selkirk—*Kettle Cover, &c.*61637—W. Siefert—*Safety Guard for Cars.*61639—J. Stokely—*Chimney Collar.*

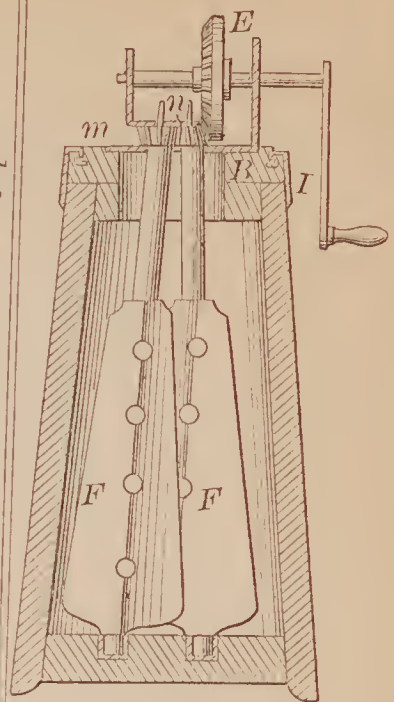
61640—F. Stratner—Steam Engine Valve Gear.



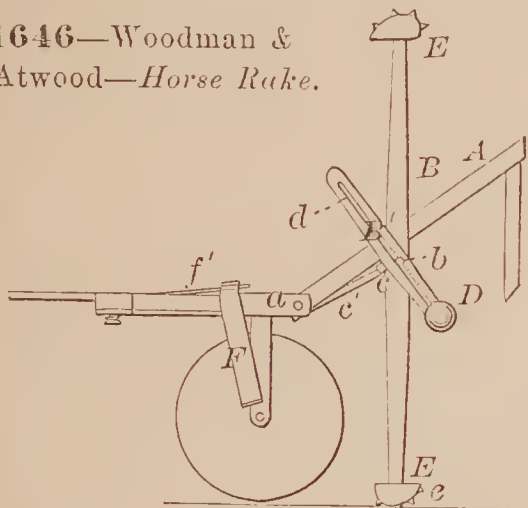
61642—C. H. Tryon—For Stacking Hay.



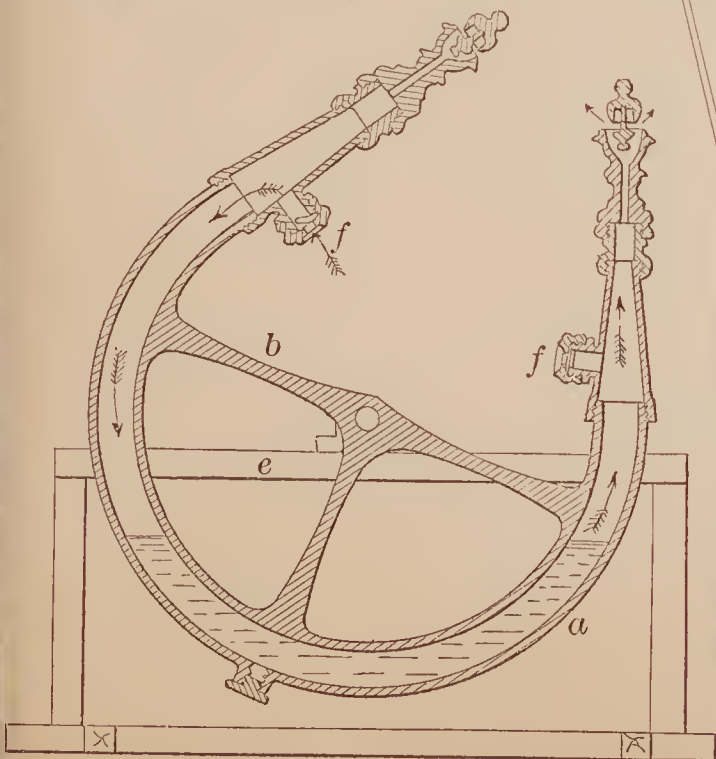
61645—M. Whisler—Churn.



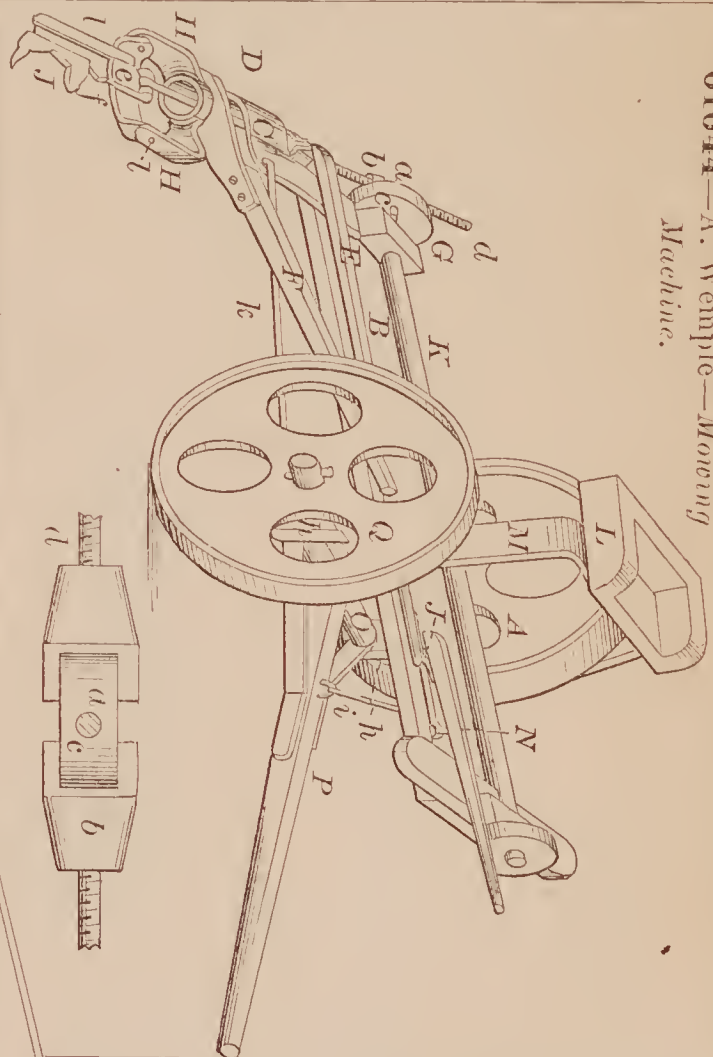
61646—Woodman & Atwood—Horse Rake.



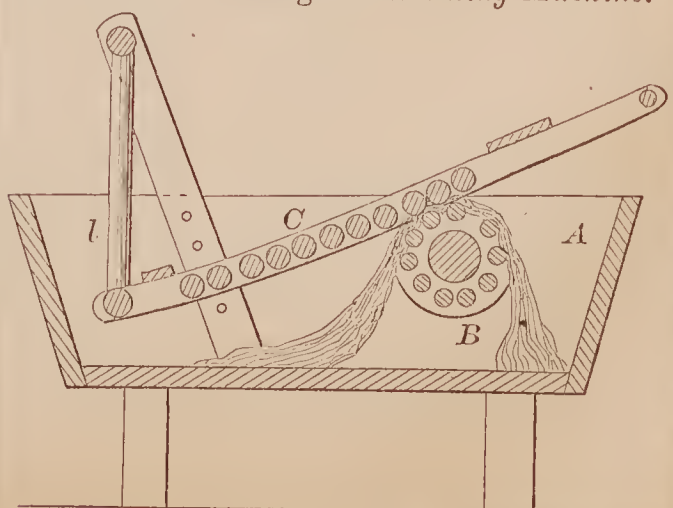
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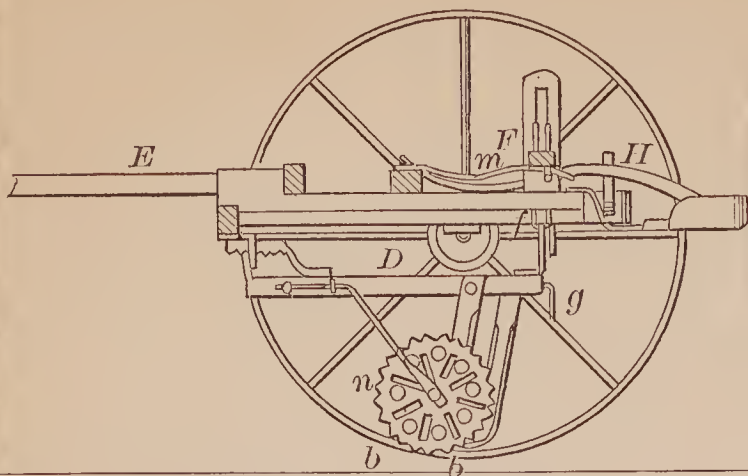
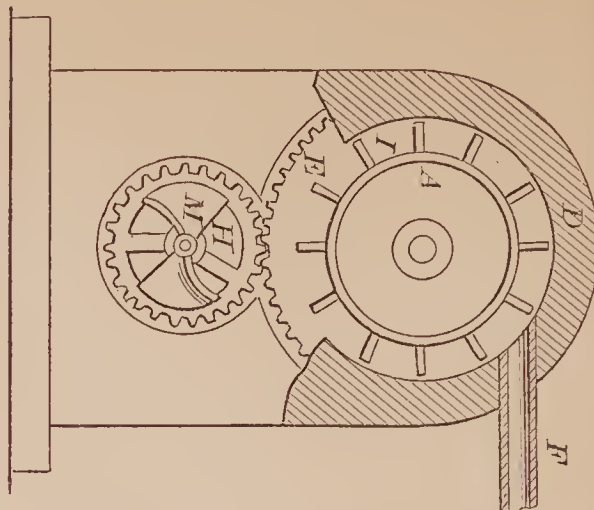
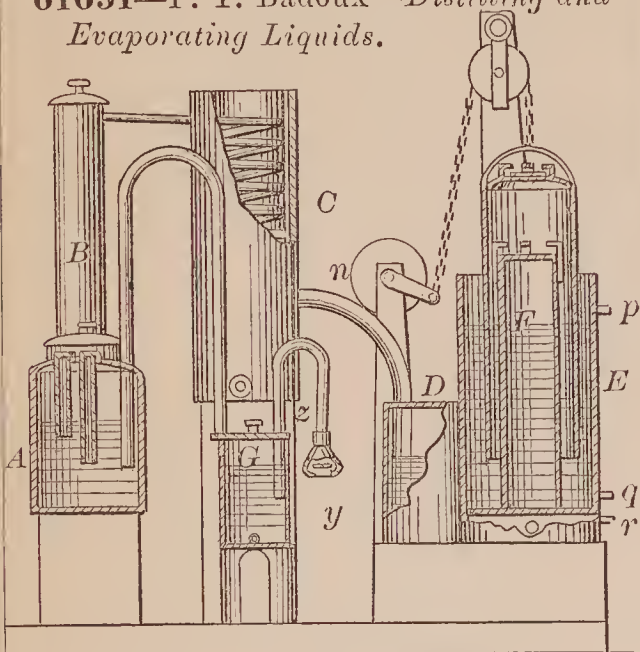
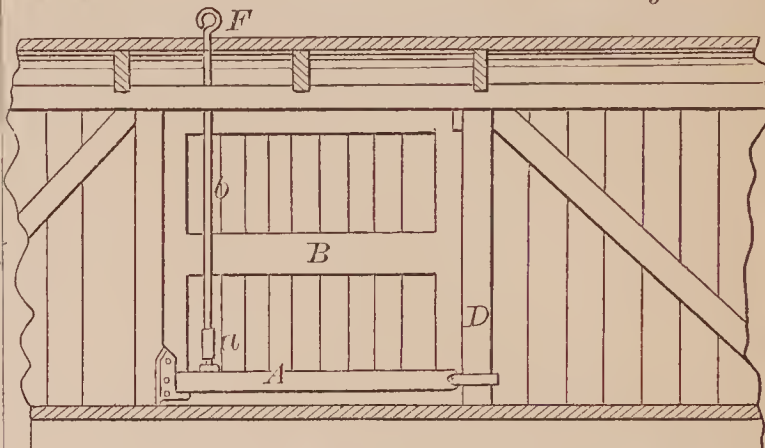
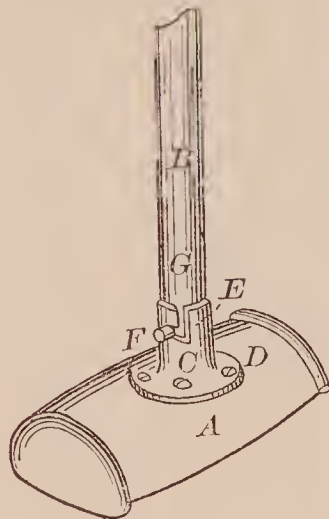
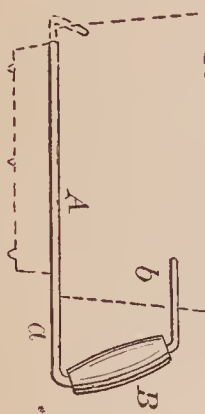
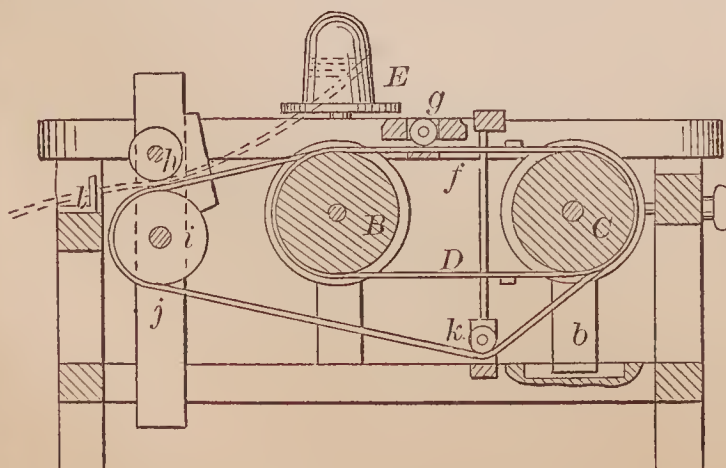
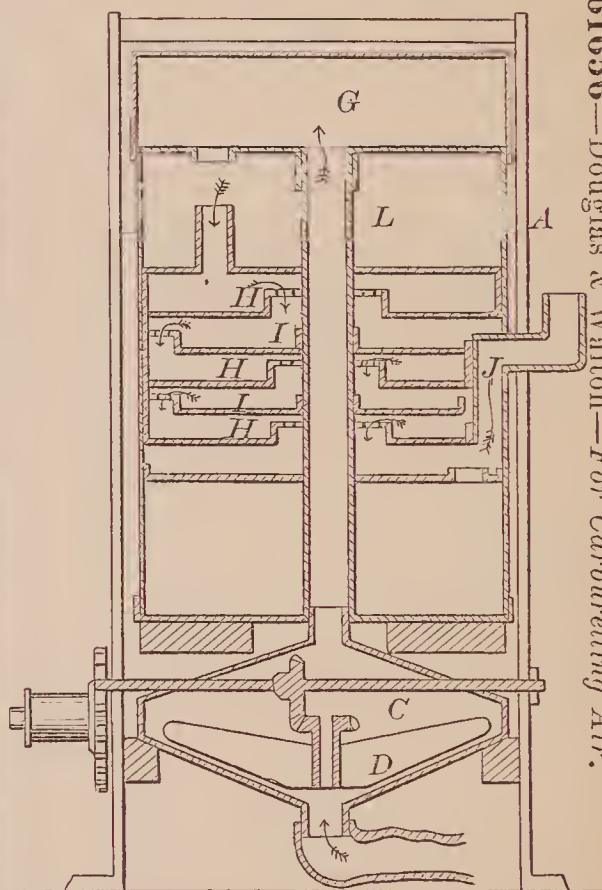
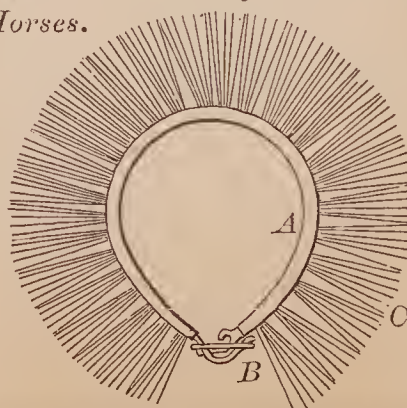


61644—A. Wemple—Mowing Machine.

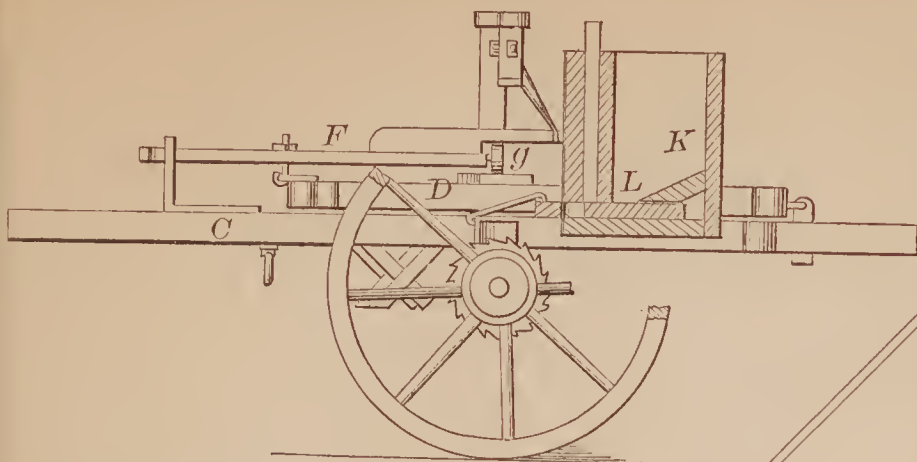


61647—L. C. Wright—Washing Machine.



61649—A. H. Allison—*Cultivator.*61450—H. O. Ames—*Rotary Steam Pump.*61651—P. T. Badoux—*Distilling and Evaporating Liquids.*61452—H. D. Bird—*Car Door Fastening.*61658—A. Eddowes—*Brush Handle.*61654—Coester & Dewey—*Tipping Attachment for Kettles, &c.*61660—J. Fraser—*Marking Skirt Wire.*61656—Douglas & Walton—*For Carbureting Air.*61455—J. J. Davy—*Bristle Boot for Horses.*

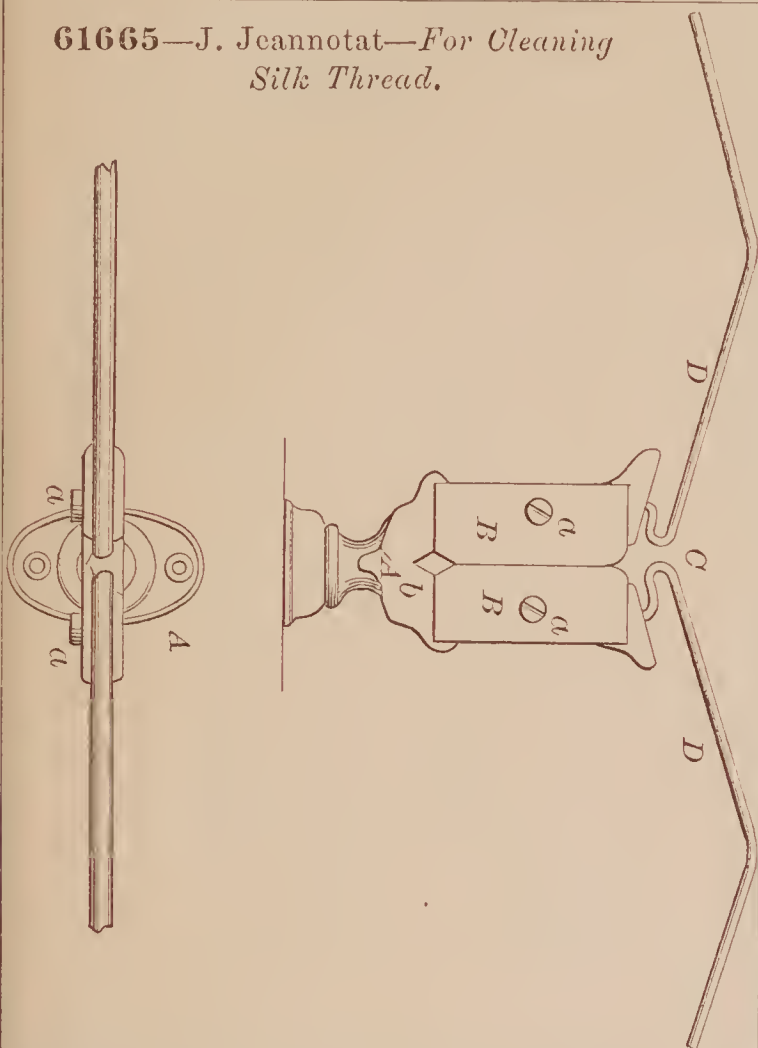
61661—W. K. Garrison—*Cultivator.*



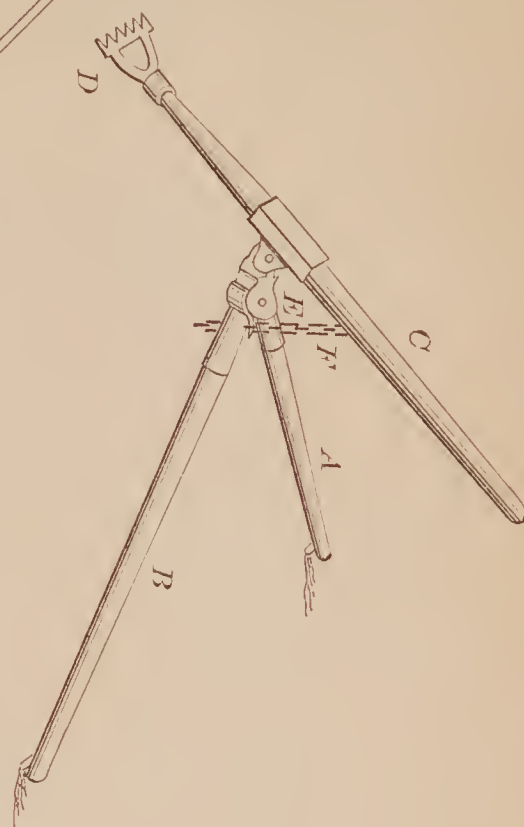
61666—Jennings & Marshall—*For Preventing Horses from Cribbing.*



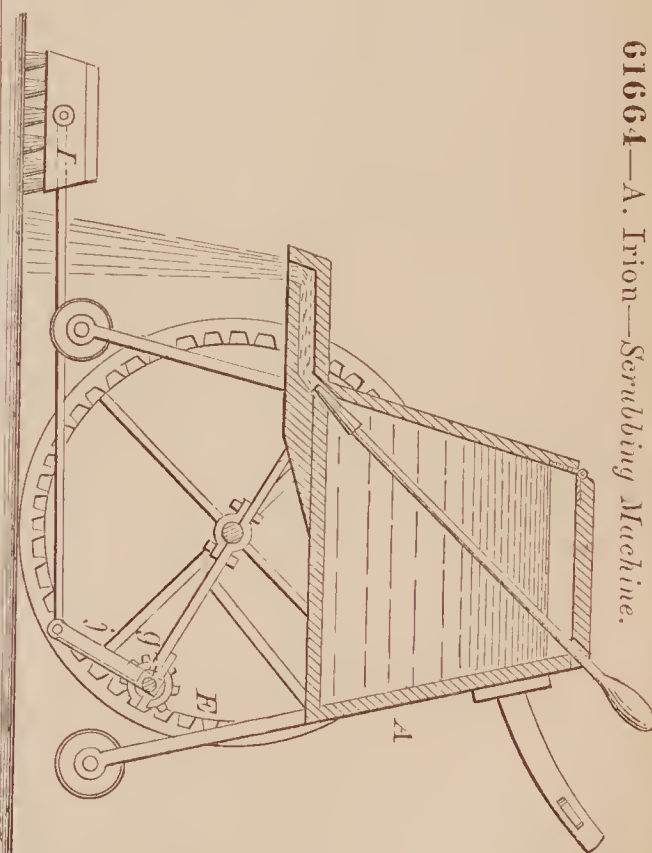
61665—J. Jeannotat—*For Cleaning Silk Thread.*



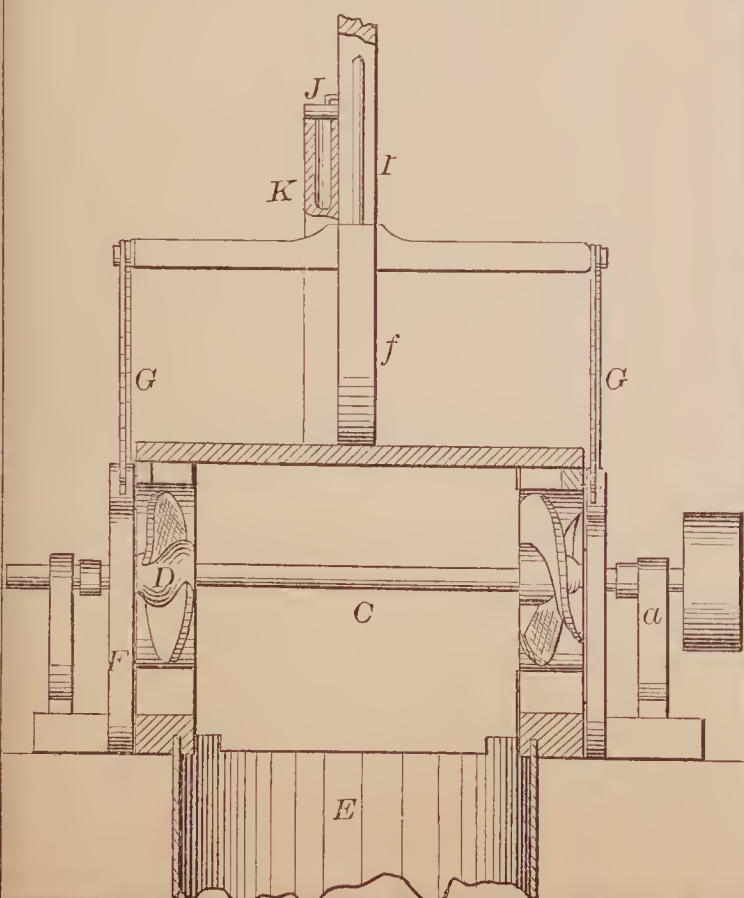
61663—H. Hungerford—*Carpet Stretcher.*



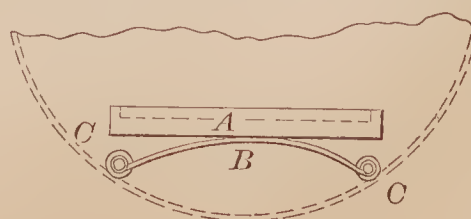
61664—A. Trion—*Scrubbing Machine.*



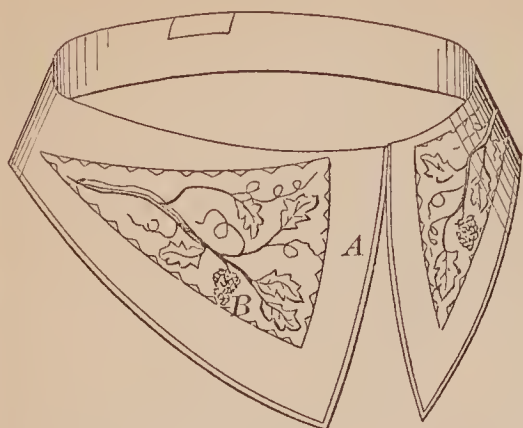
61667—A. P. Johnson—*Water Wheel.*



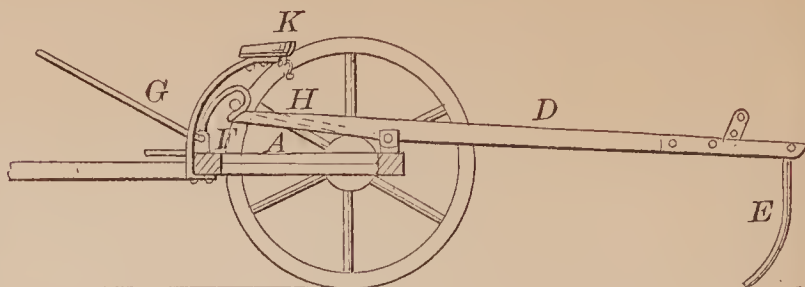
61668—W. A. Jordan—*Washboard.*



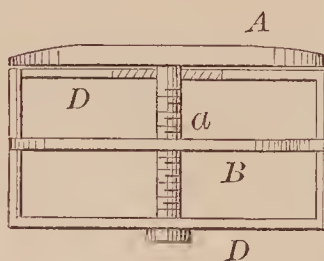
61669—A. Kaufmann—*Paper Collar.*



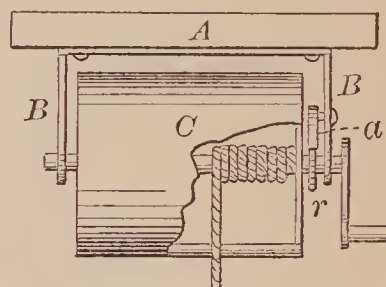
61670—A. Krause—*Horse Rake.*



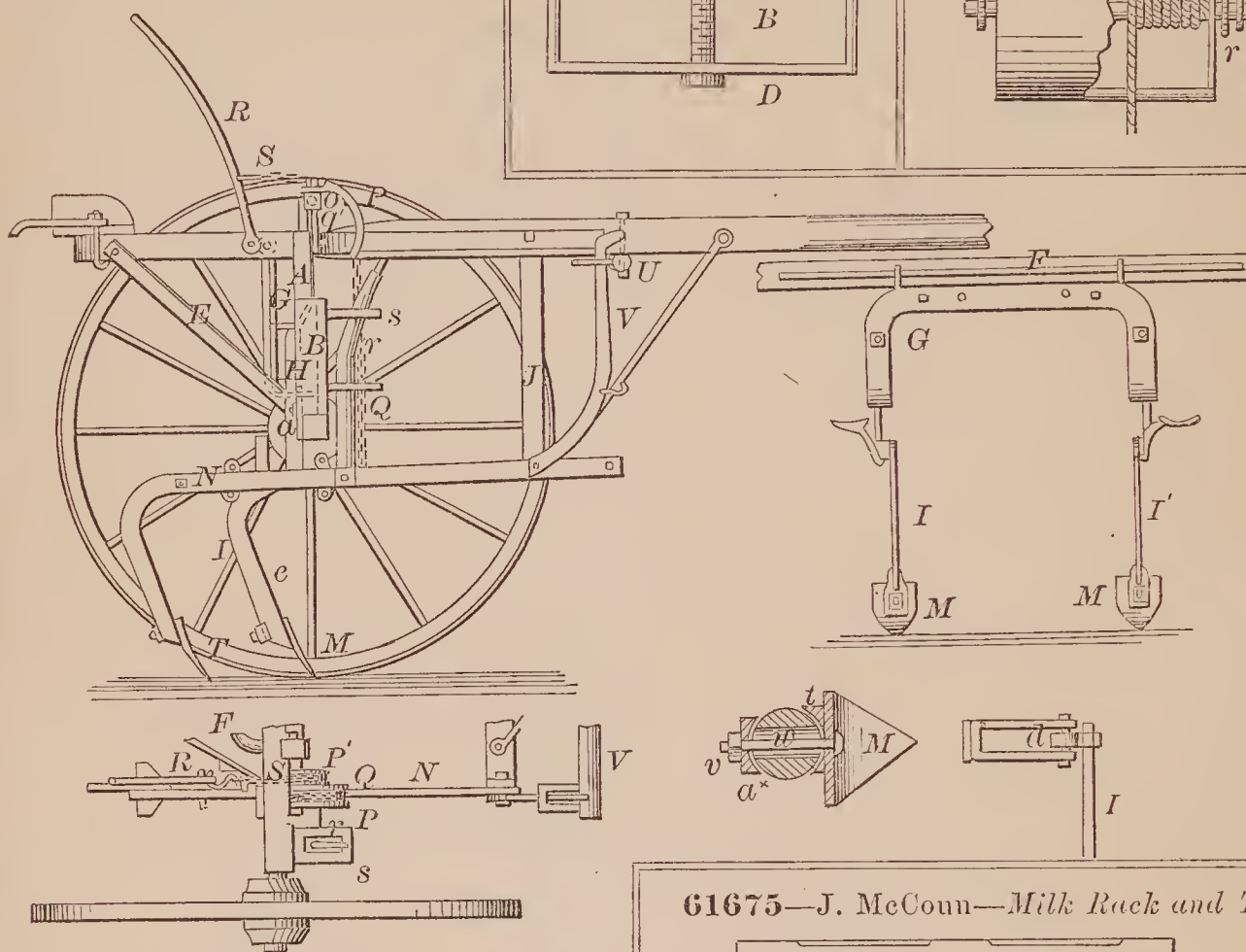
61671—G. A. Lingard—*Stud Fastening.*



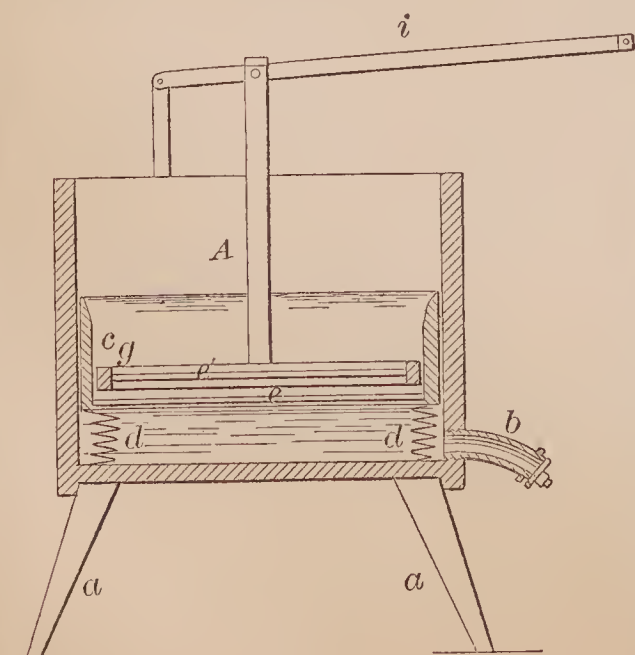
61672
I. E. Loughborough—*Clothes Line Reel.*



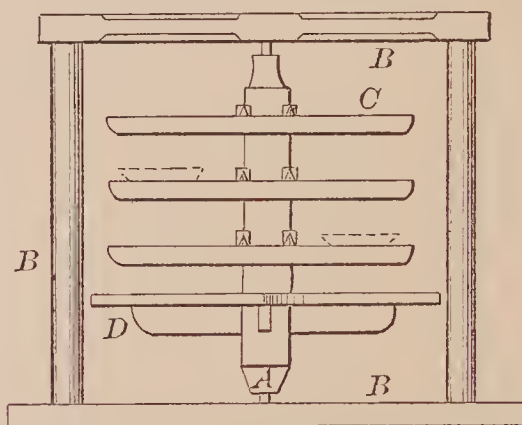
61674—I. B. Mahon—*Cultivator.*



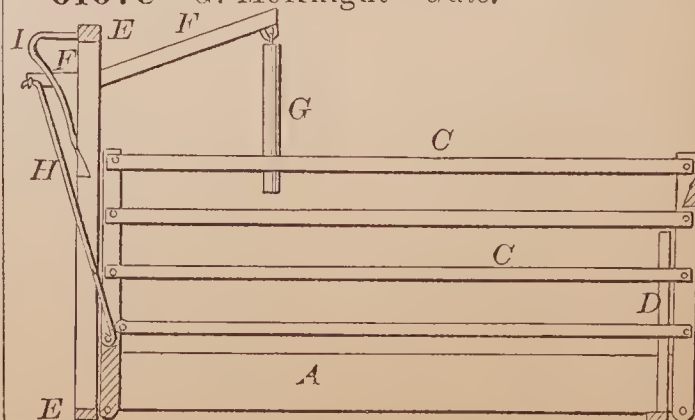
61673—C. M. Mack—*Washing Machine.*



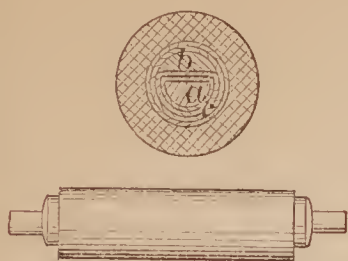
61675—J. McCoun—*Milk Rack and Table.*



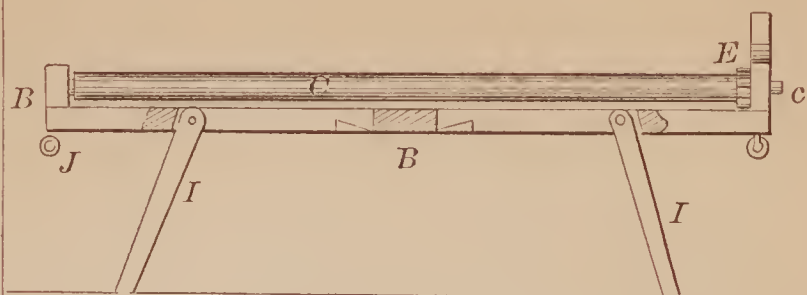
61676—G. McKnight—*Gate.*



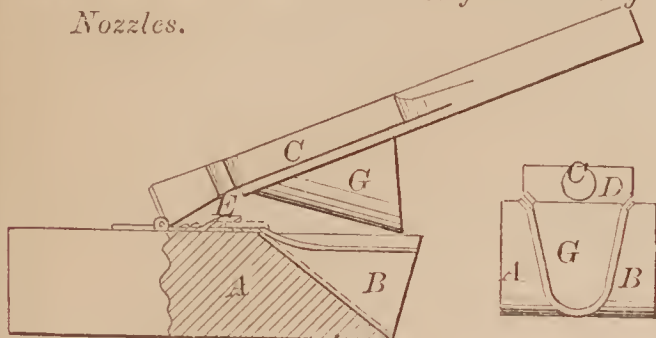
61677—C. V. Mead—*Wringer
Roller.*



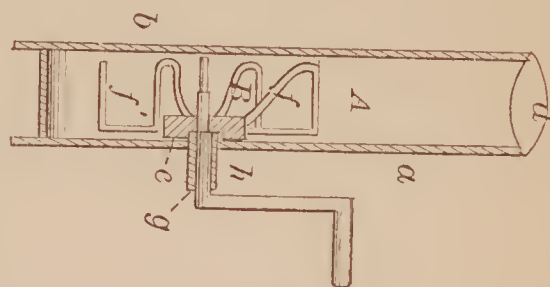
61681—E. M. Payne—*Folding and Cot Bedstead.*



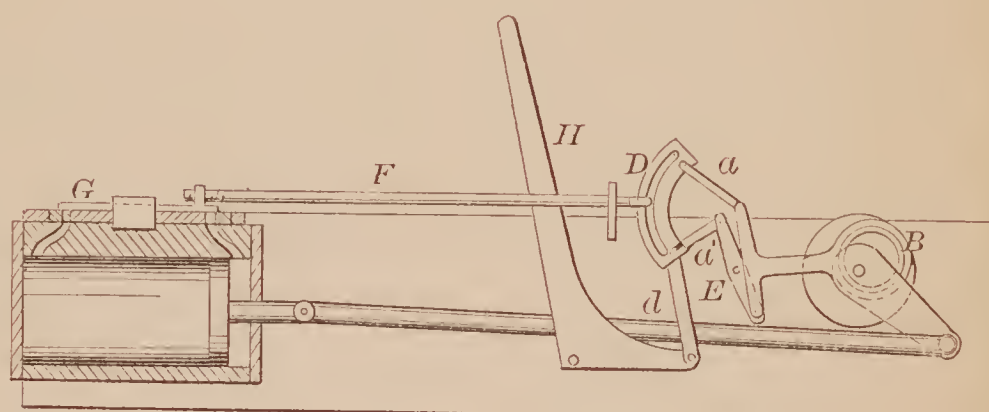
61678—W. H. Miller—*Die for Bending
Nozzles.*



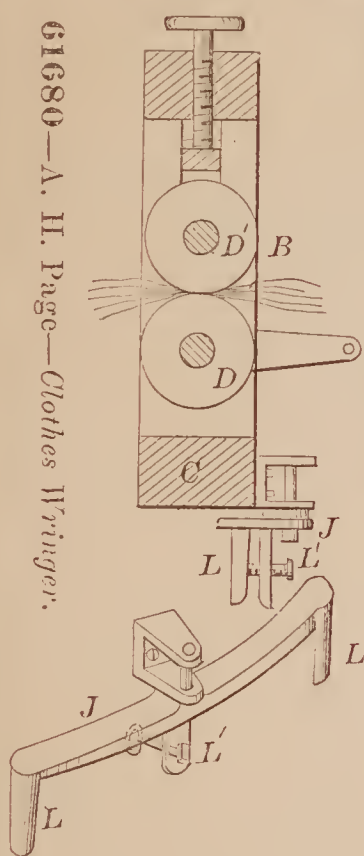
61679—F. Oakley—*Egg and Cream Beater.*



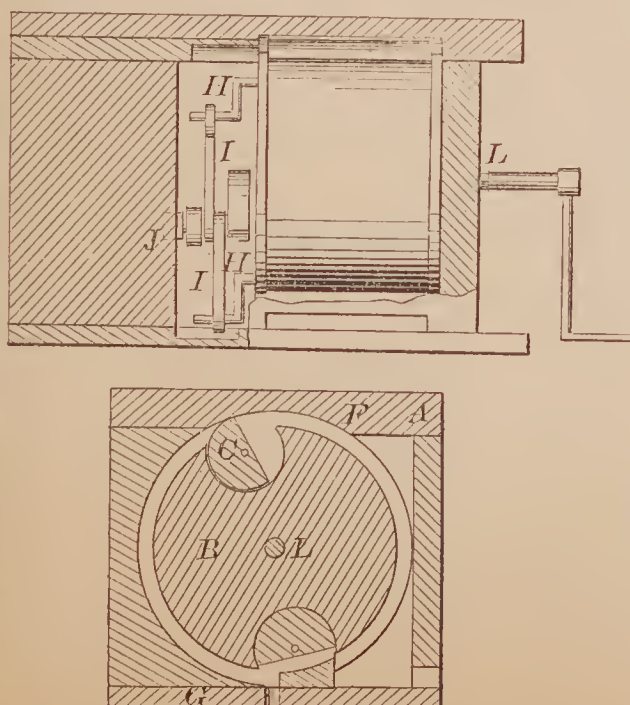
61682—C. C. P. Peabody—*Steam Engine Valve Gear.*



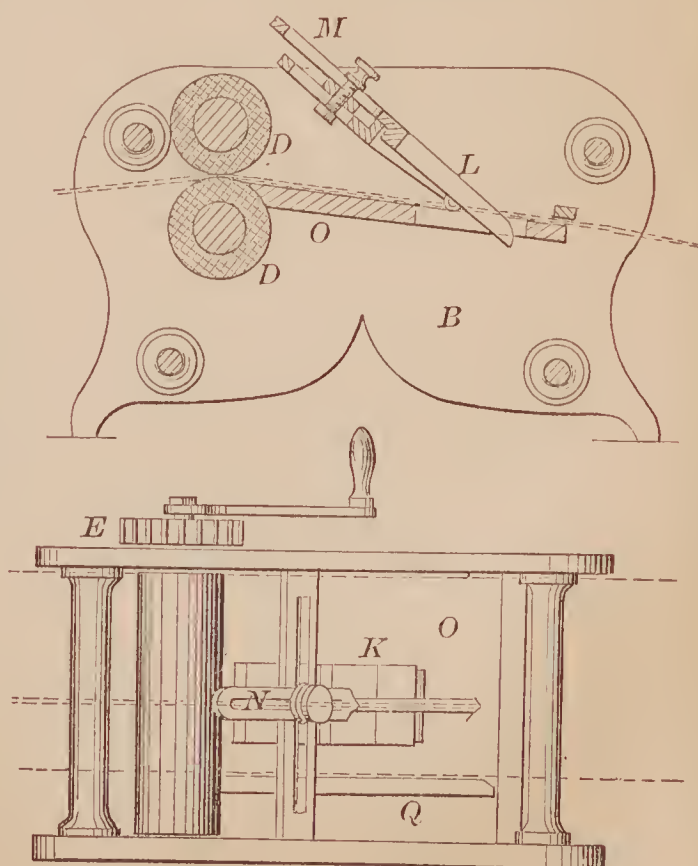
61680—A. H. Page—Clothes Winger.



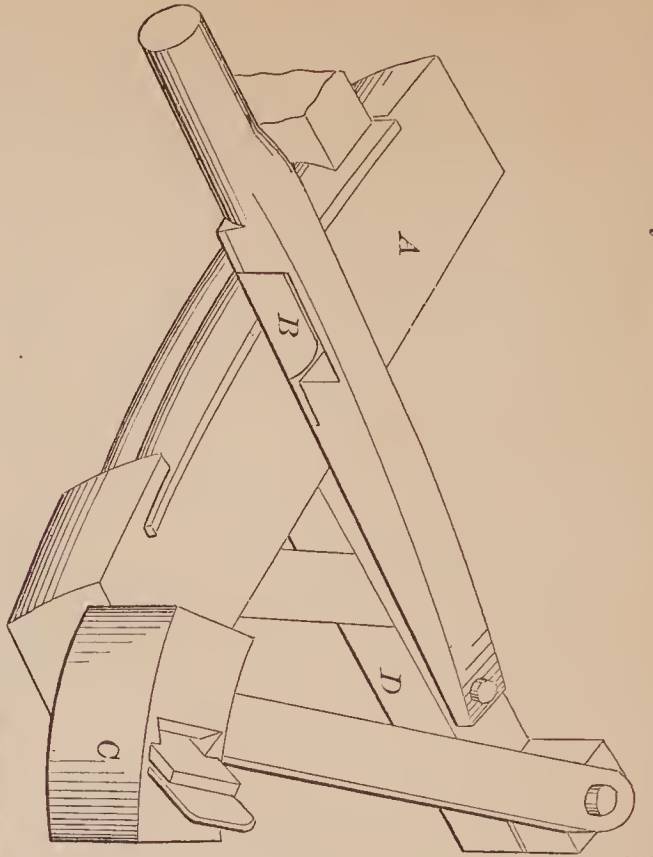
61684—II. Phinney—*Rotary Bellows.*



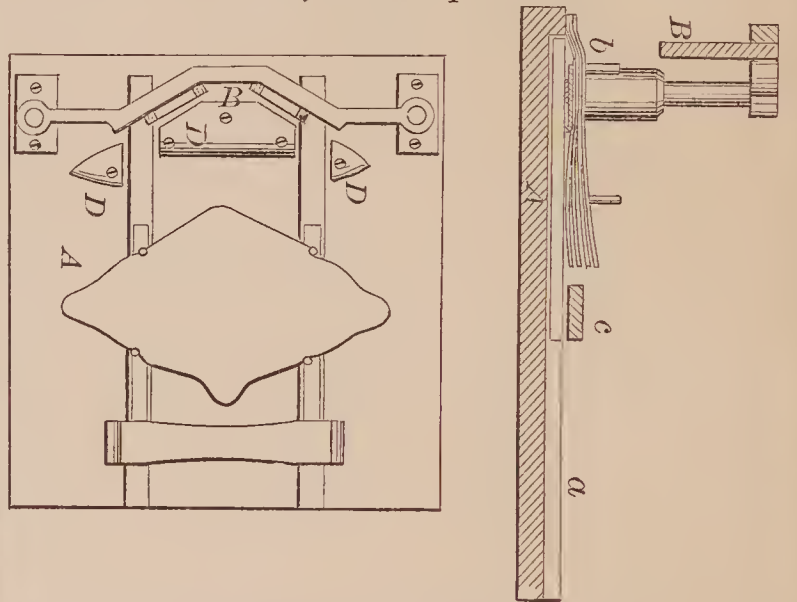
61683—H. II. Pember—*For Cutting Canvas, &c.*



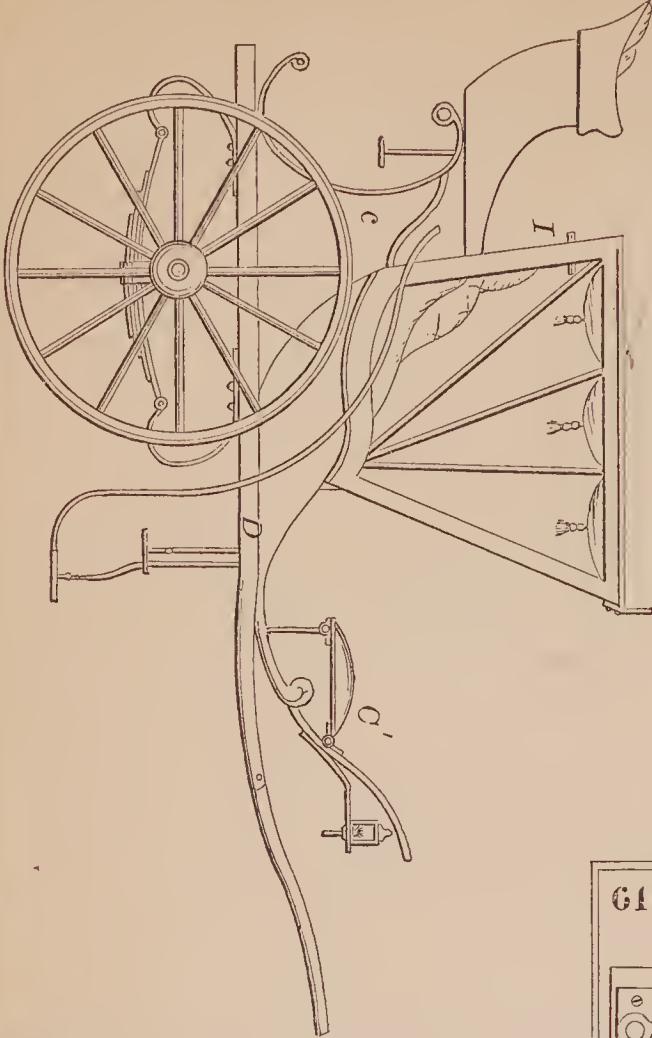
61688—J. F. Sayer—*Stave Joiner.*



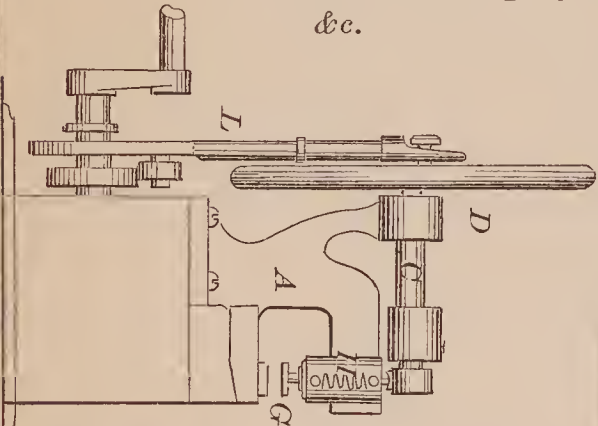
61687—G. H. Reay—*Envelope Machine.*



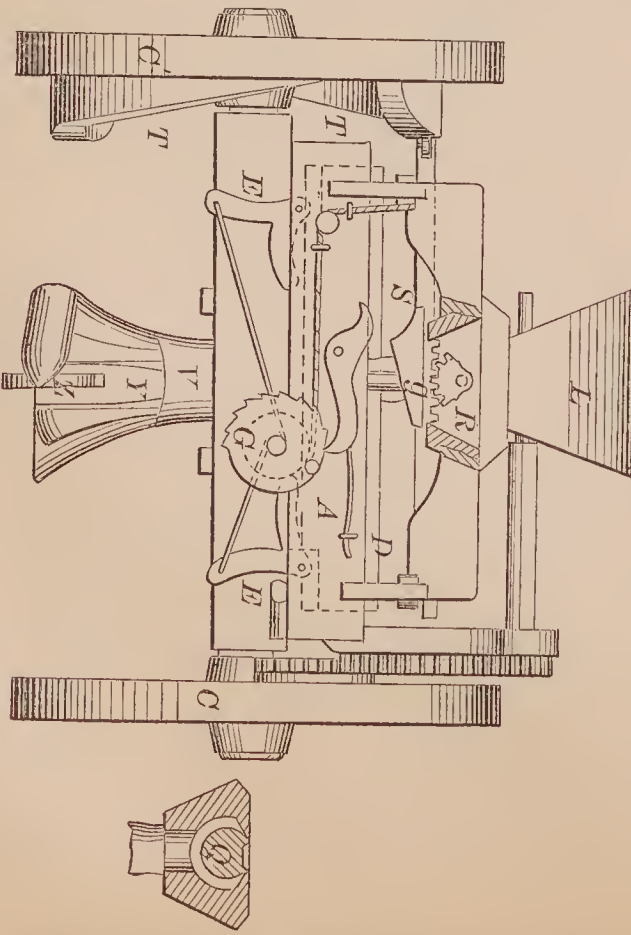
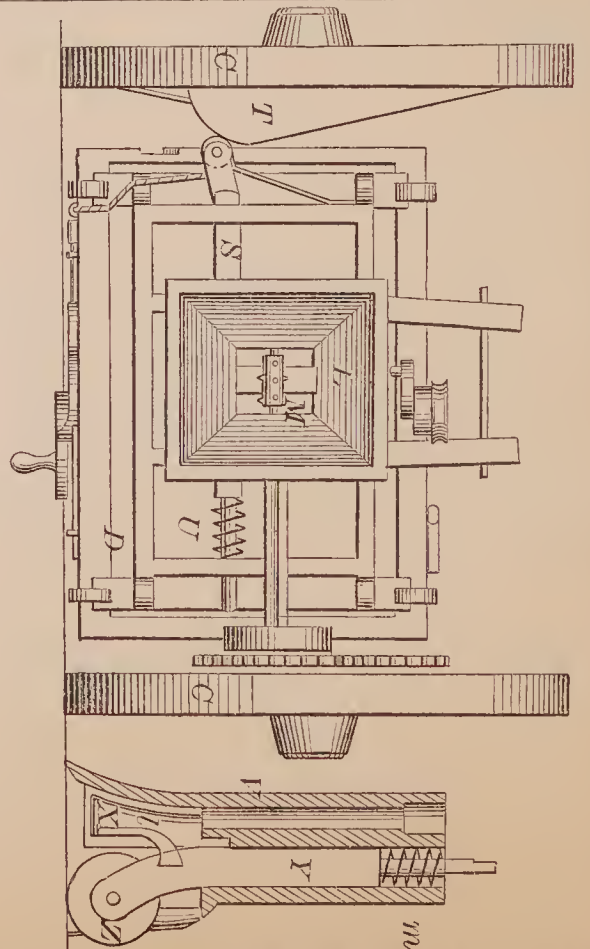
61685—J. Pol—*Cab.*



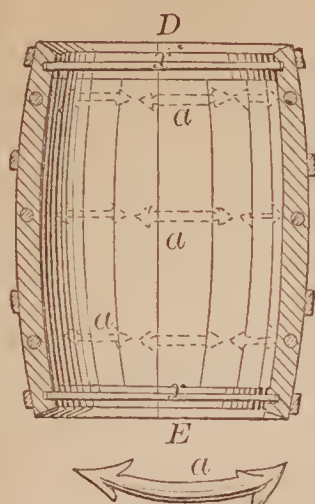
61686—G. H. Reay—*For Stamping, &c.*



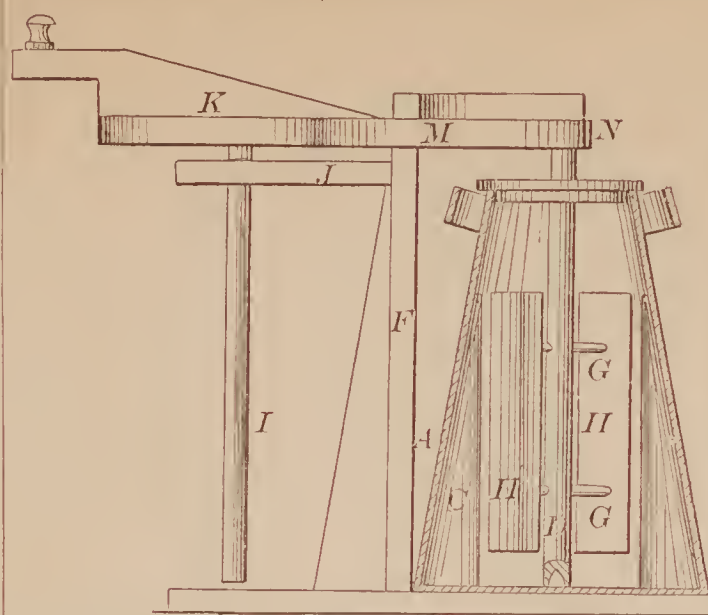
61689—J. Shattuck—*Seed Planter.*



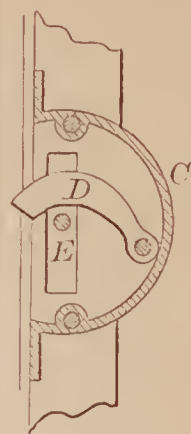
61690—S. Shea—*Barrel or Cask.*



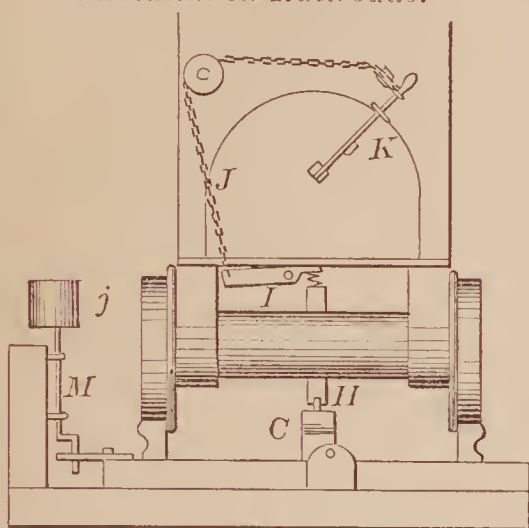
61691—R. Stanley—*Churn.*



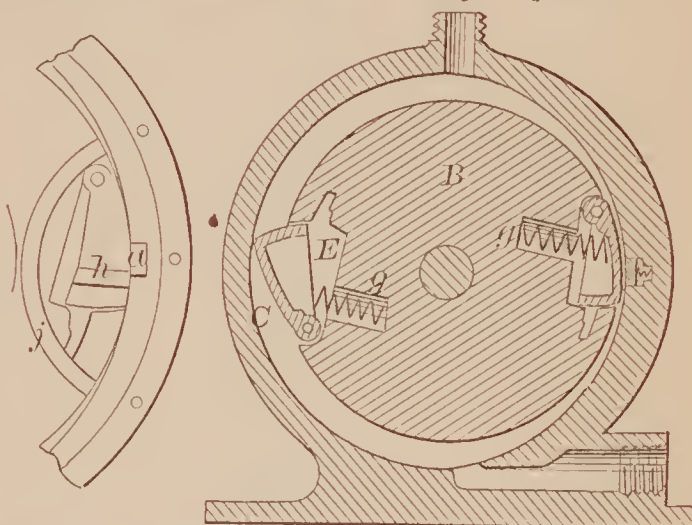
61692—W. H. Truesdell—*Sash Fastener.*



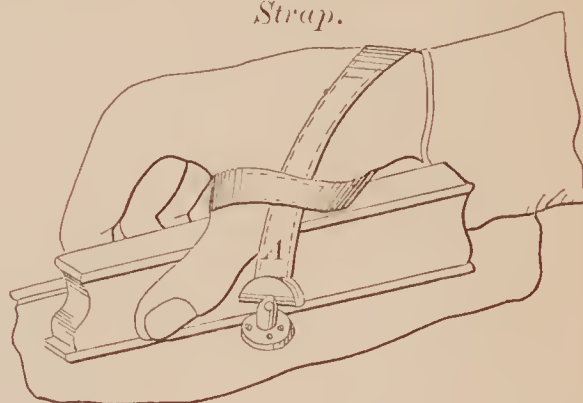
61693—M. Wallwork—*Preventing Accidents on Railroads.*



61695—J. R. Willett—*Rotary Engine.*



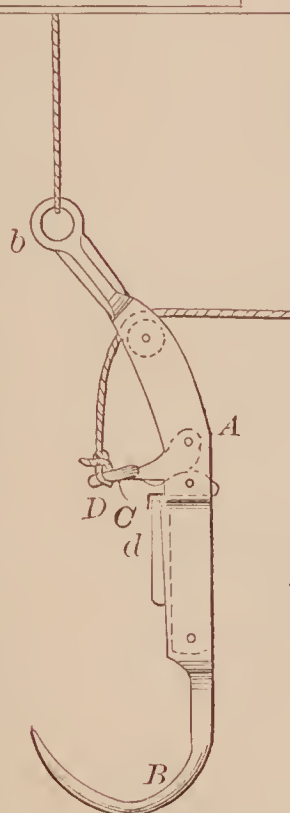
61698—C. F. Zimmermann—*Accordeon Strap.*



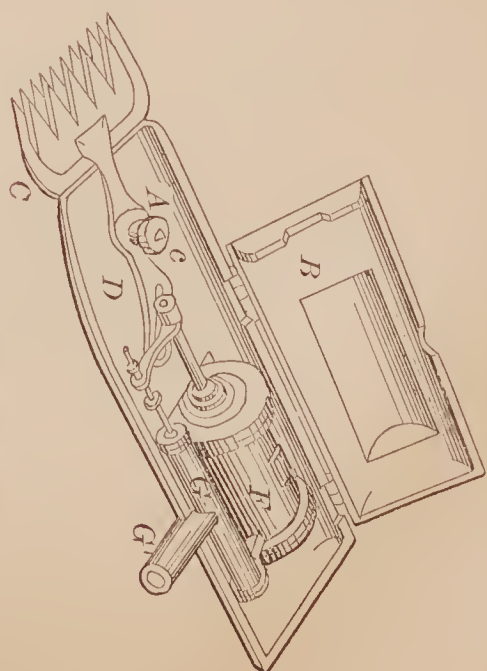
61694—J. B. Wiesmann—*Express Call Sign.*



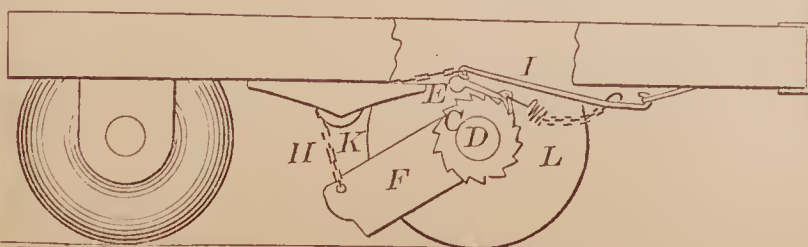
61697—E. B. Woodruff—*Horse Hay Fork.*

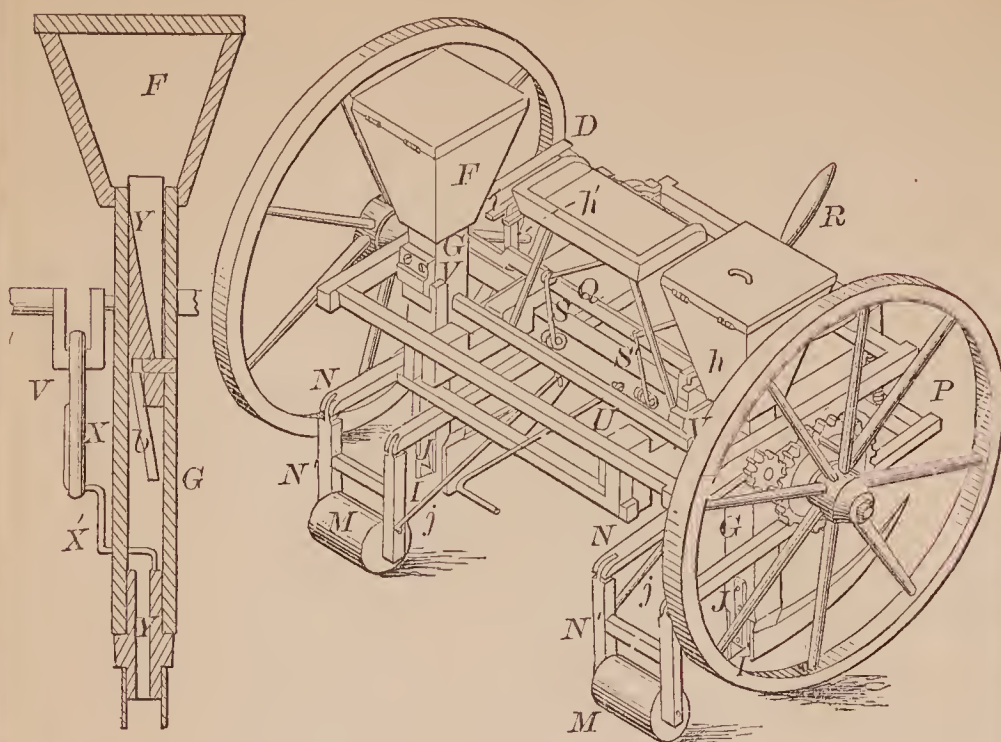
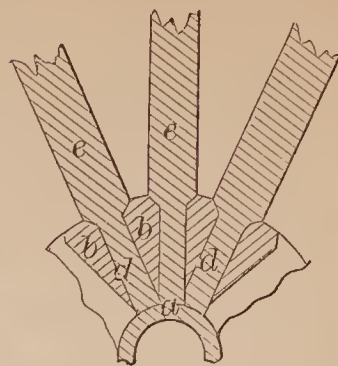
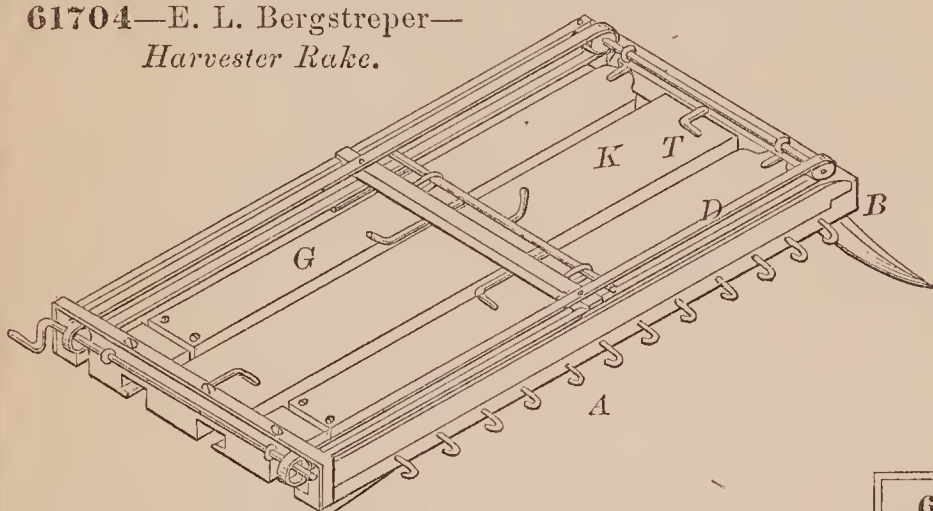
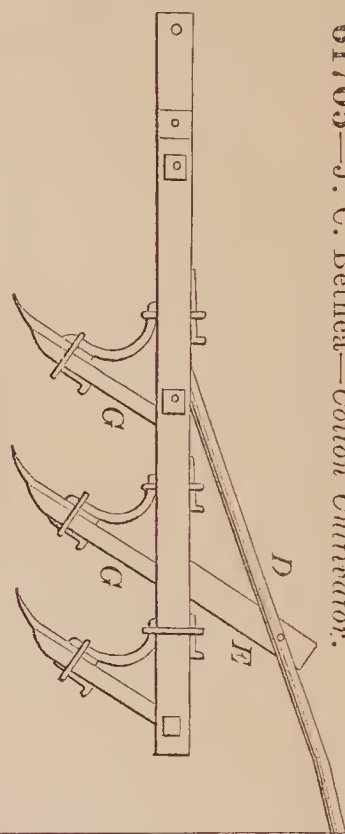
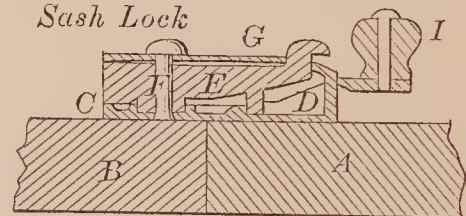
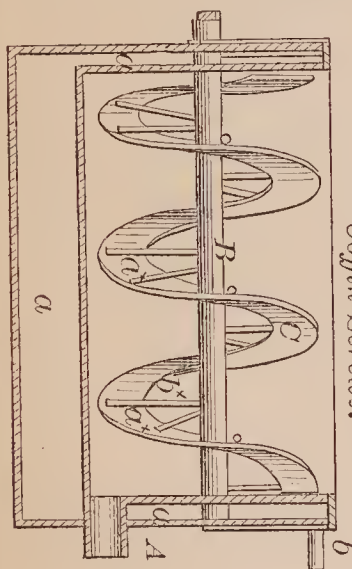
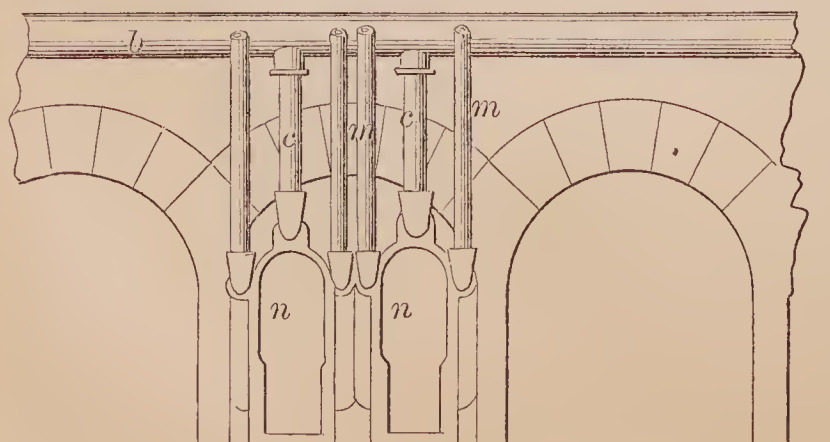
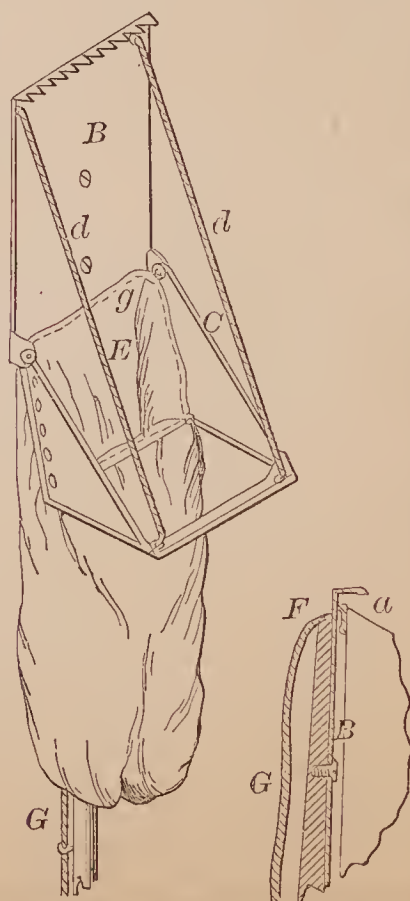


61700—P. Anderson—*For Sheep Shearing.*

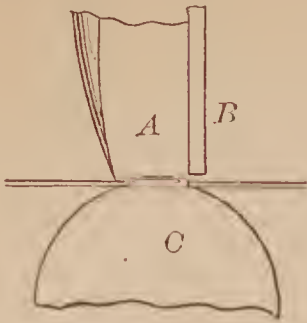


61699—J. Adams—*Starting Street Cars.*



61701—A. Barber—*Corn Planter.*61703—N. S. Bean—*Carriage Wheel.*61704—E. L. Bergstreper—*Harvester Rake.*61705—J. C. Betha—*Cotton Cultivator.*61708—E. K. Breckenridge—*Sash Lock.*61702—S. M. Barnett—*Chest Expander.*61707—P. Bradford—*For Ornamenting Coffin Screws.*61706—A. Borgnet—*For Smelting Zinc Ores.*61709—W. Brown—*Fruit Picker.*

61710—Buckham & Evans—*Tinsmith's Seaming Machine.*



61714—D. R. Clem—*Grinding Mill.*

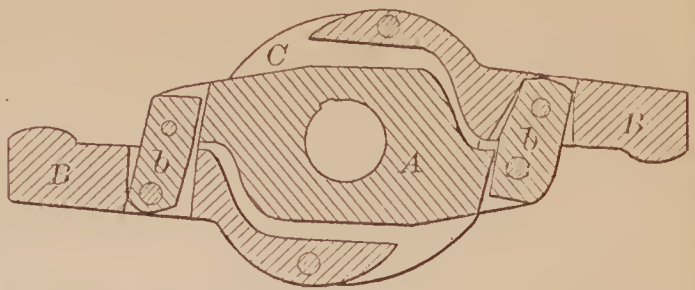


Fig. 1

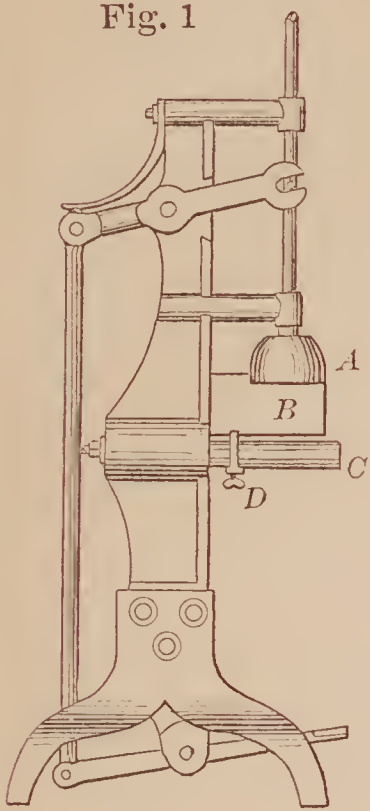
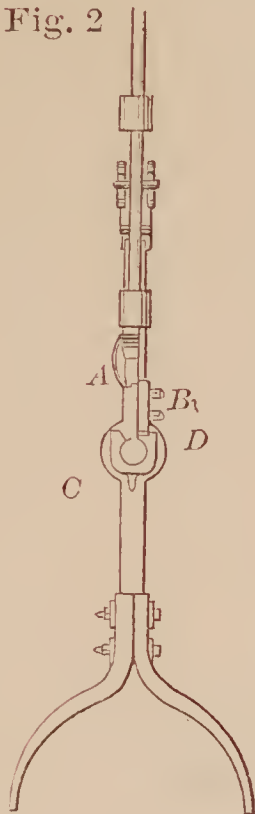
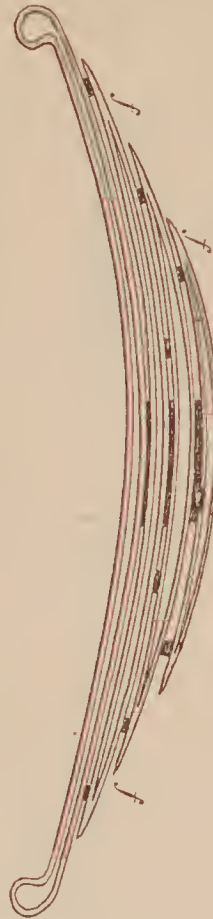


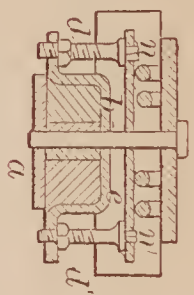
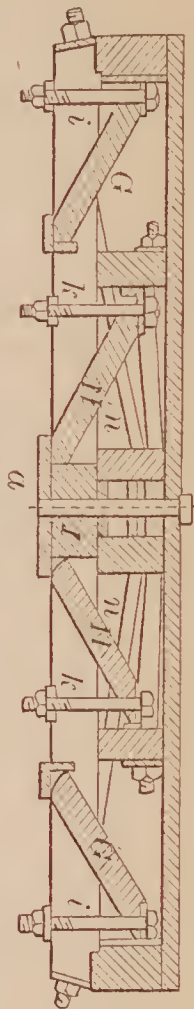
Fig. 2



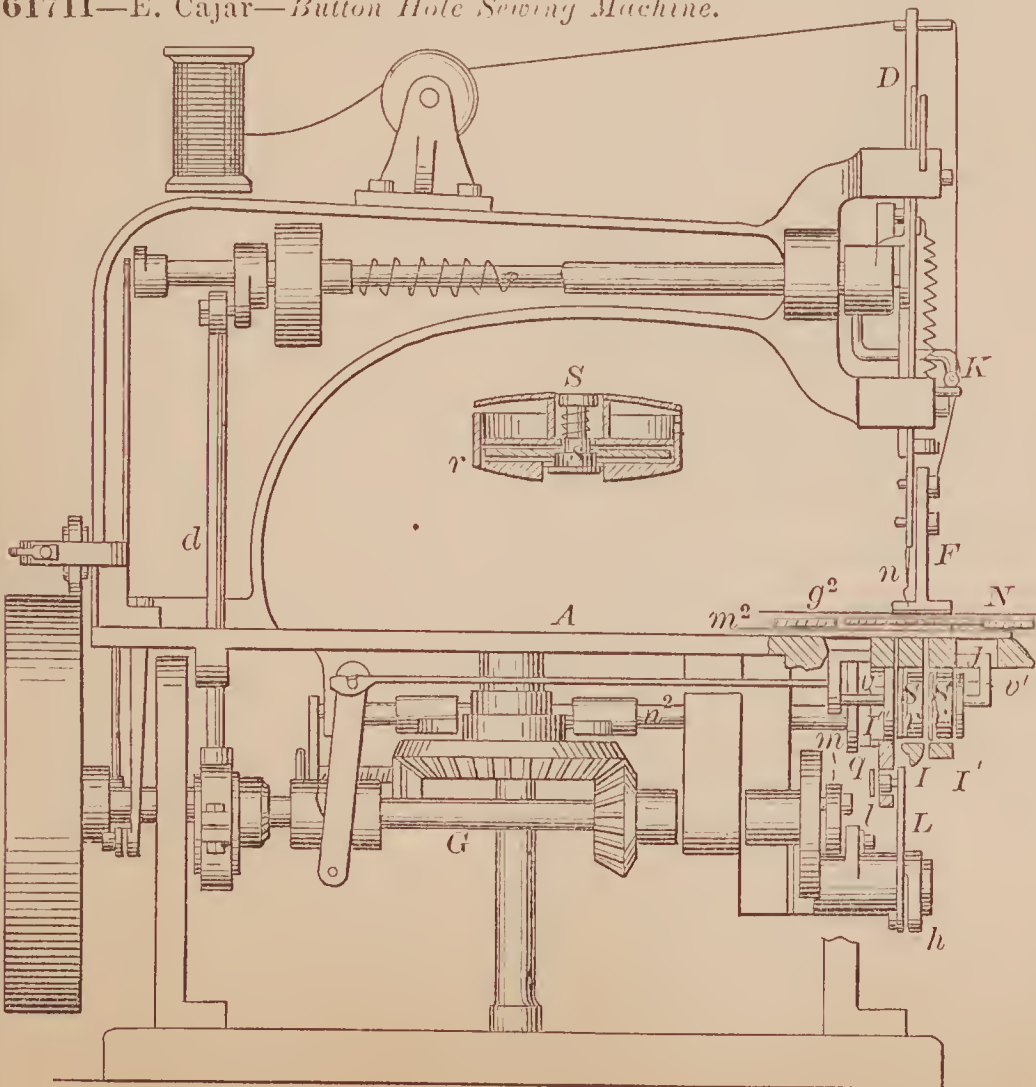
61712—E. M. Chaffee—*Elliptic Carriage Spring.*



61713—J. Christy—*Car Bolster.*

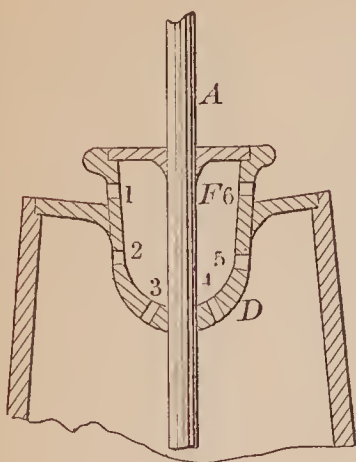
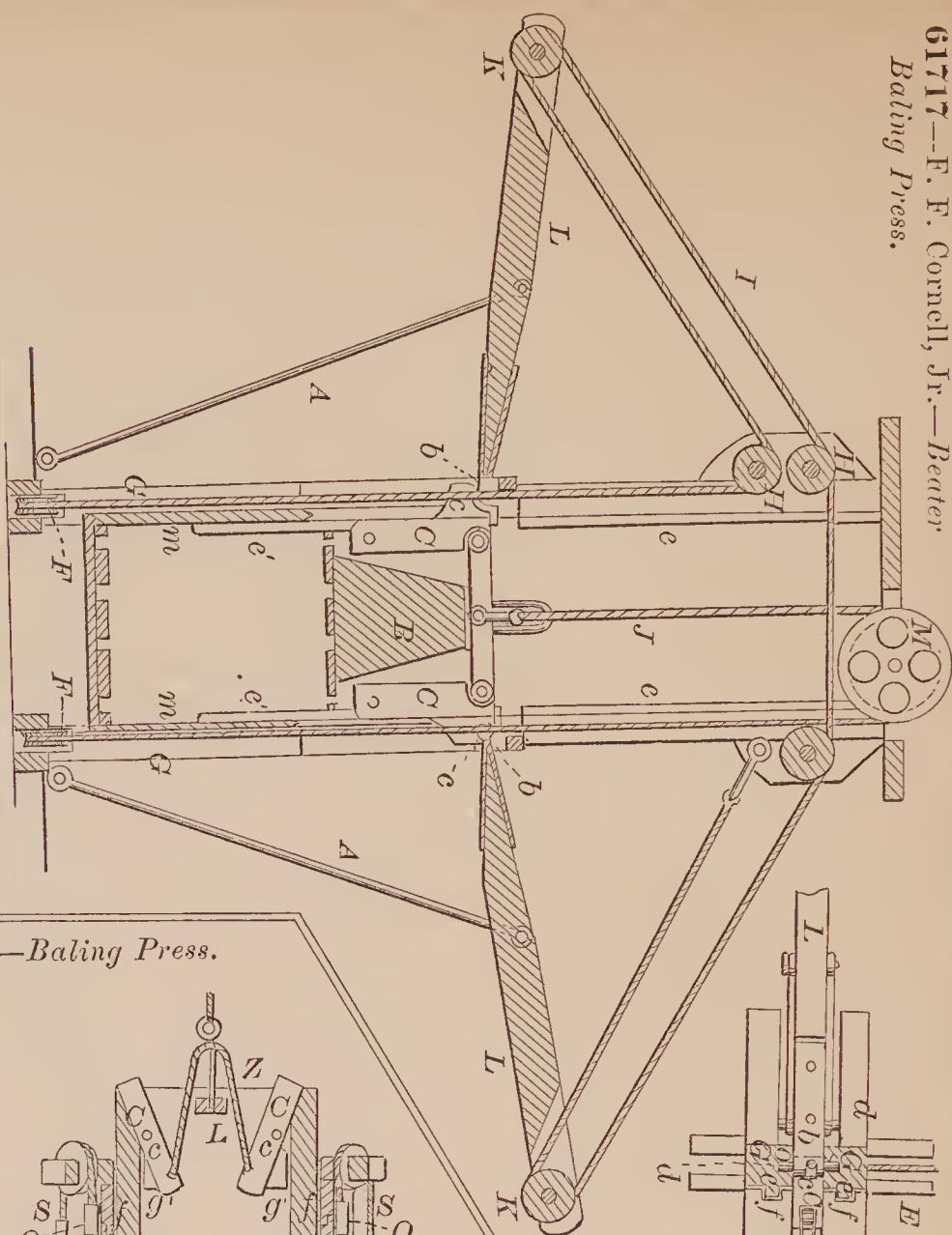
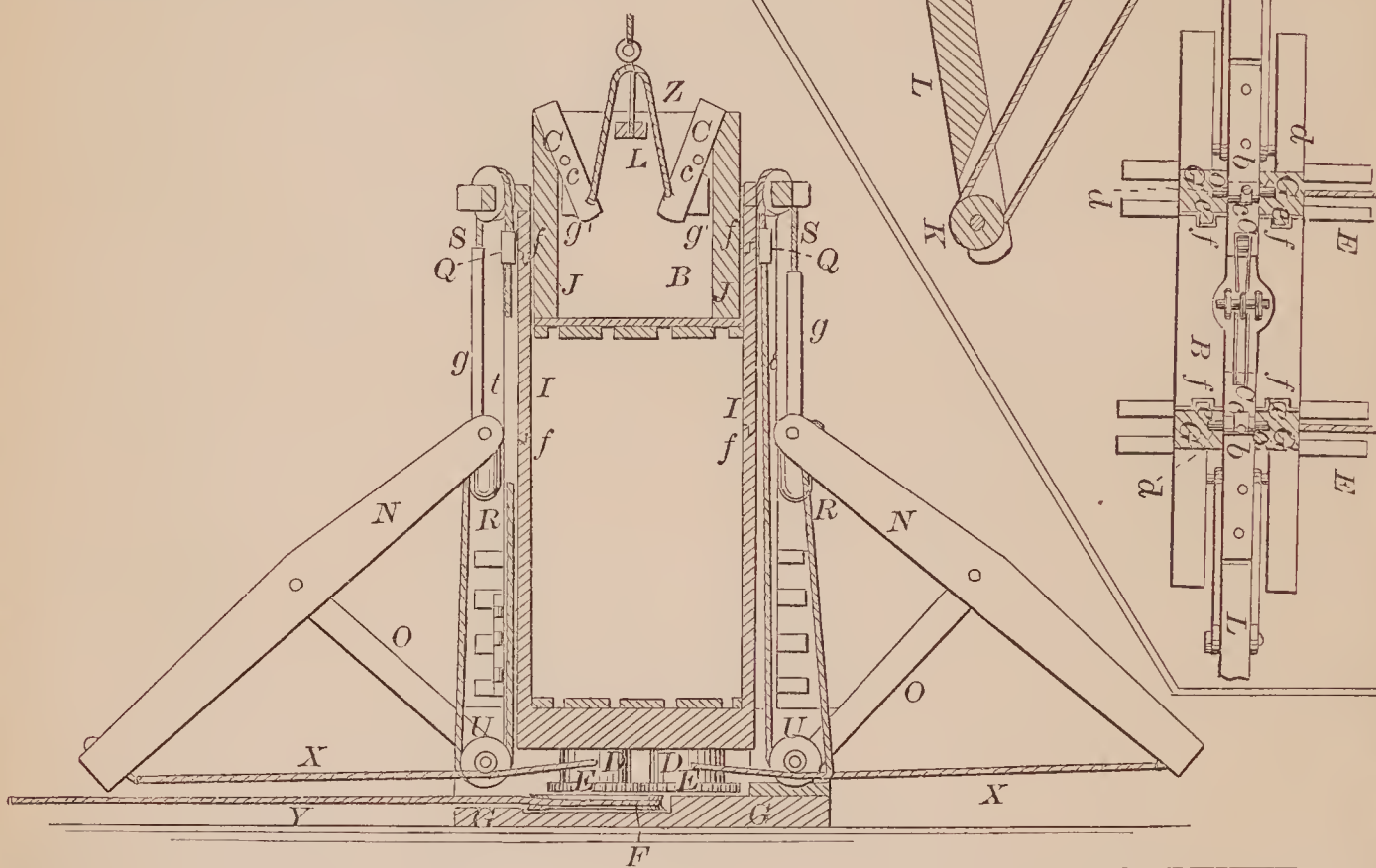
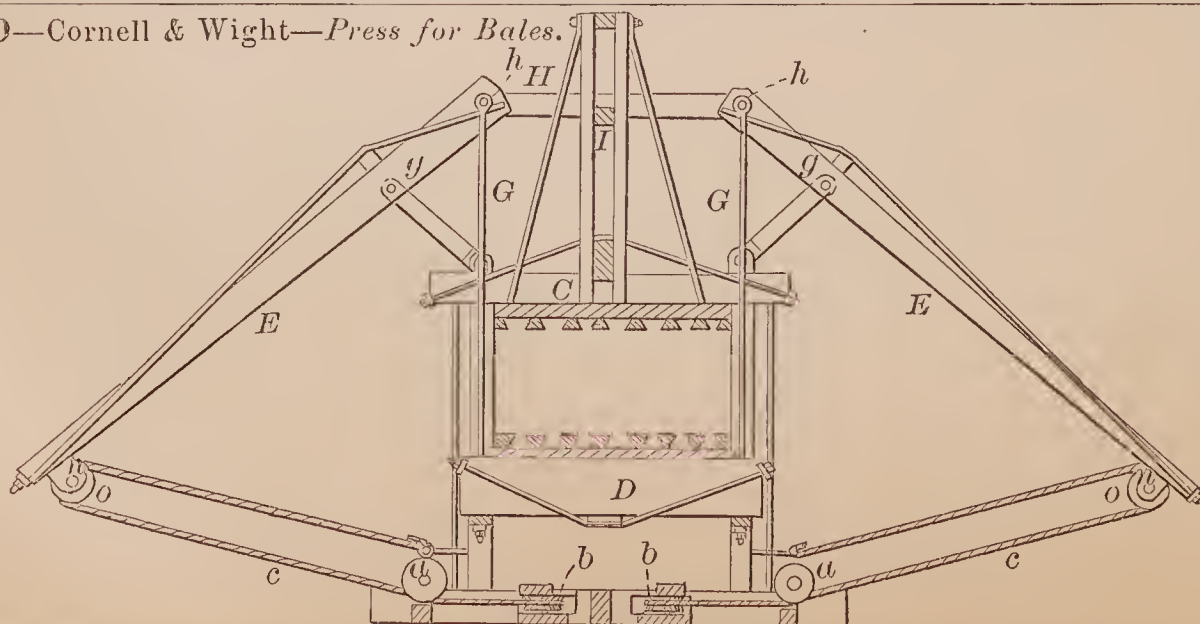


61711—E. Cajar—*Button Hole Sewing Machine.*

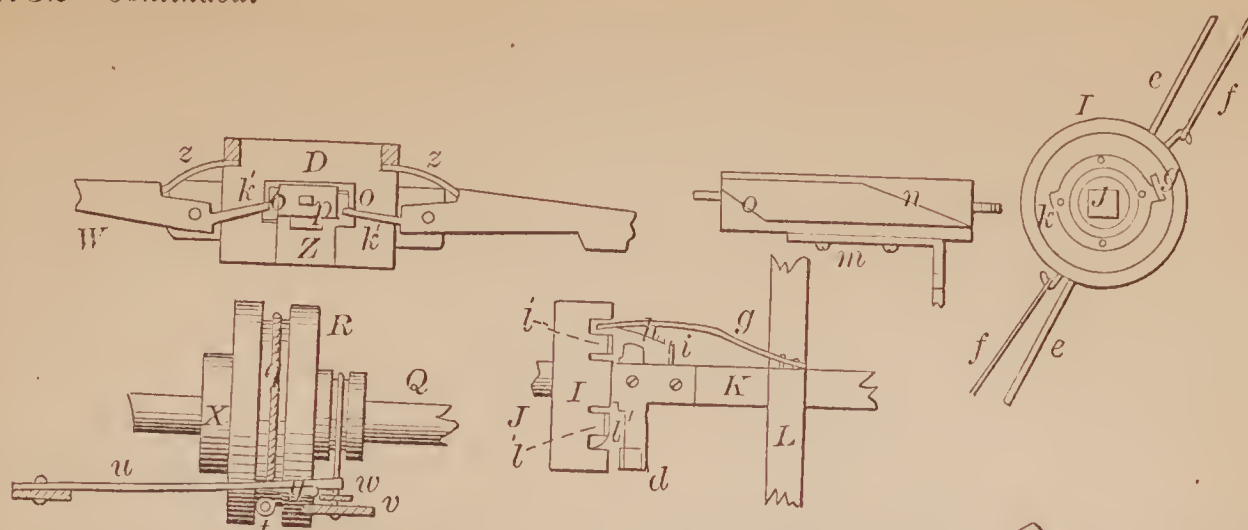


61715—J. W. Close—*Pipe Wrench.*

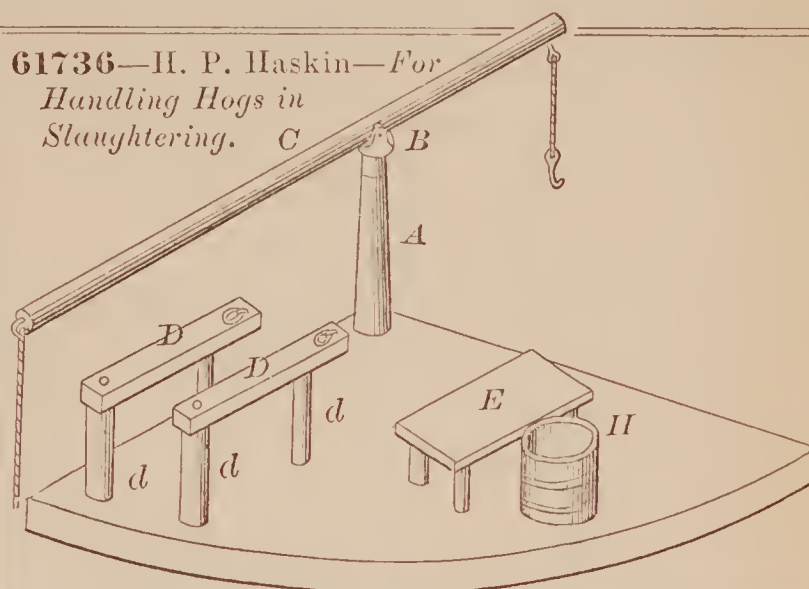


61716—D. W. Clough—
Churn.61717—F. F. Cornell, Jr.—*Beater*
Baling Press.61718—F. F. Cornell Jr.—*Baling Press.*61719—Cornell & Wight—*Press for Bales.*

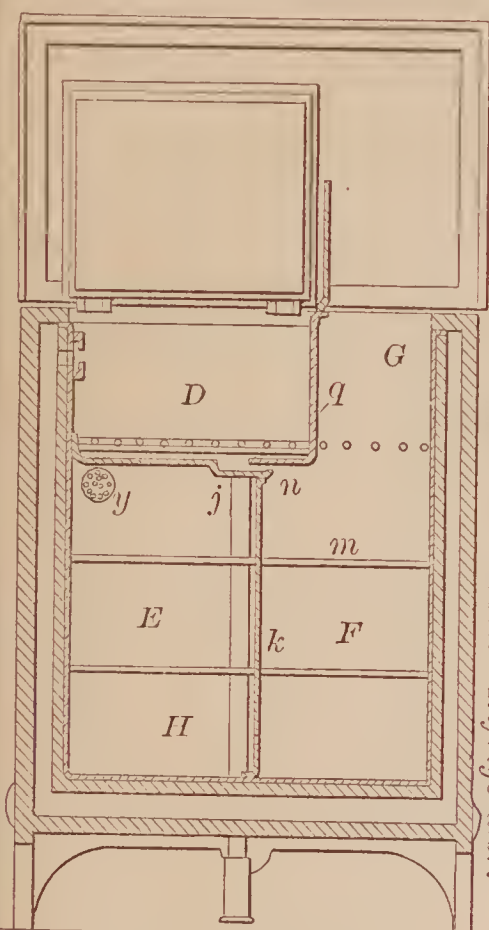
61732—Continued.



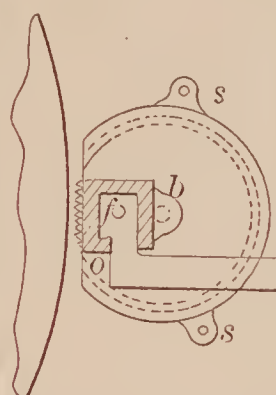
61736—H. P. Haskin—For Handling Hogs in Slaughtering. C B A



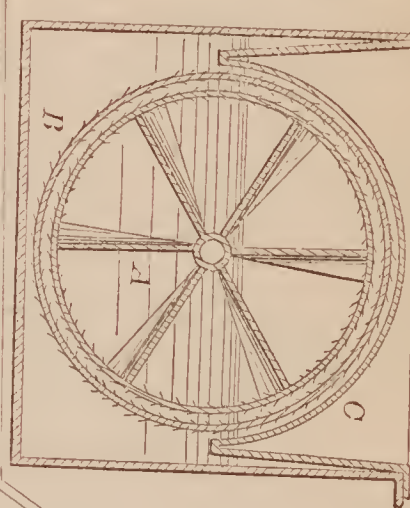
61734—R. A. Harris—Refrigerator.



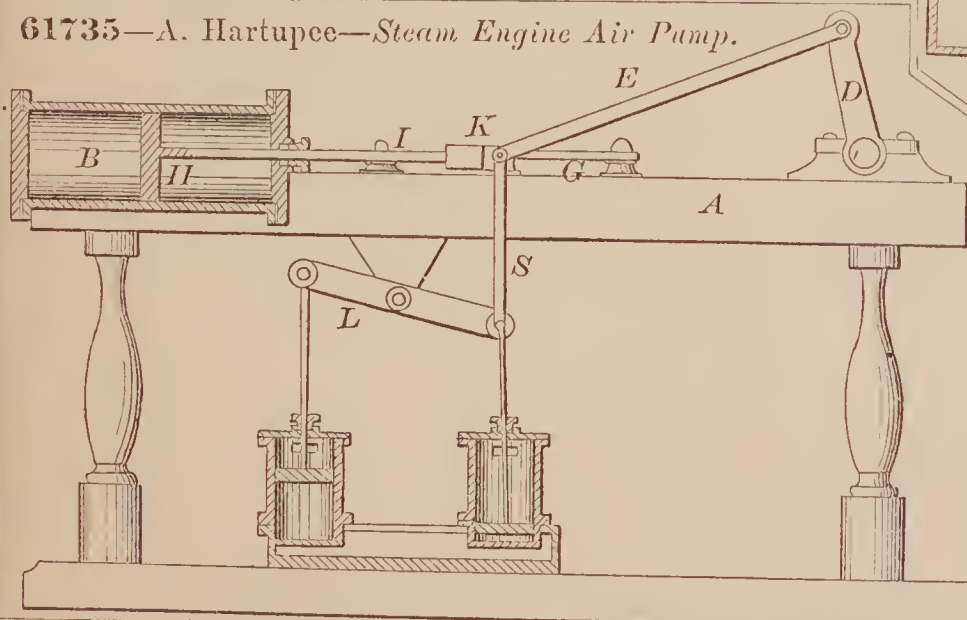
61738—G. C. Howard—Dressing Grindstones.



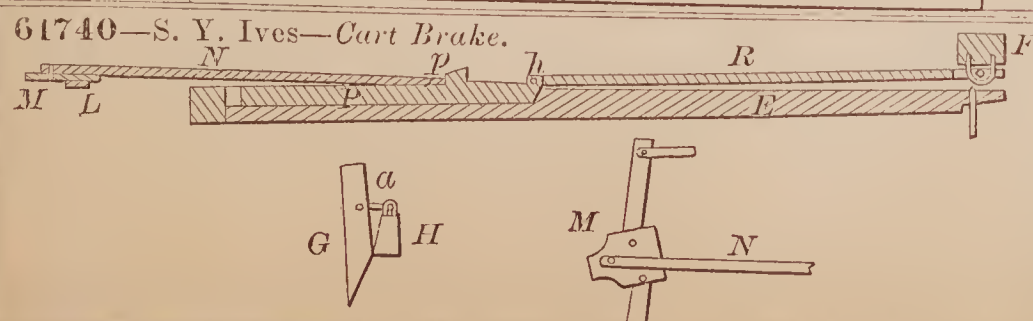
61739—Hutchinson & McAvoy—For Carbureting Air.



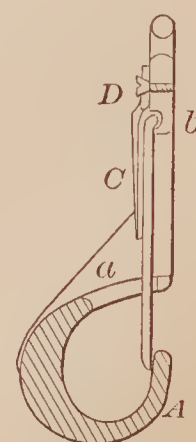
61735—A. Hartupce—Steam Engine Air Pump.

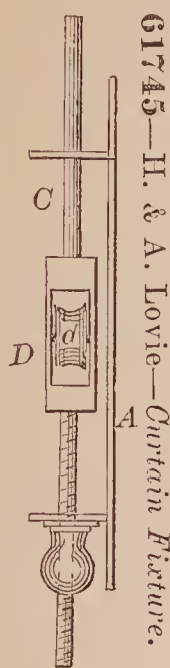
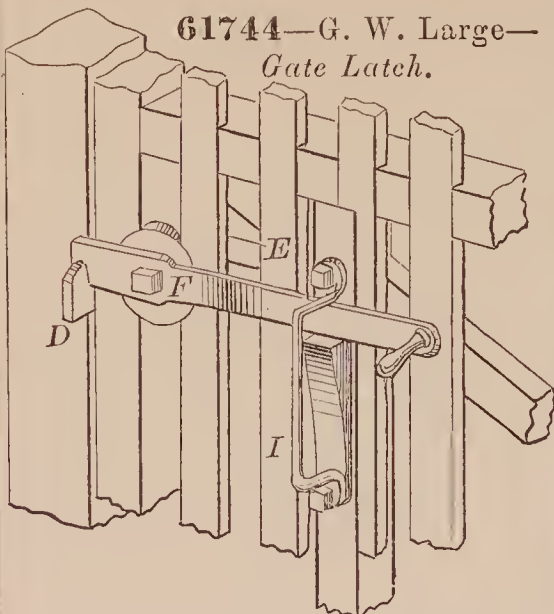
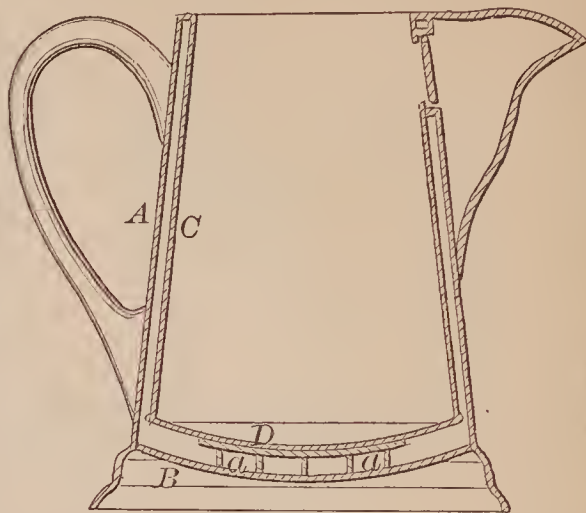
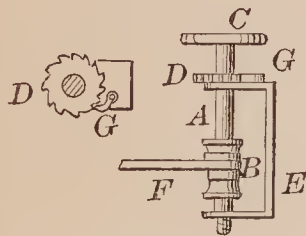
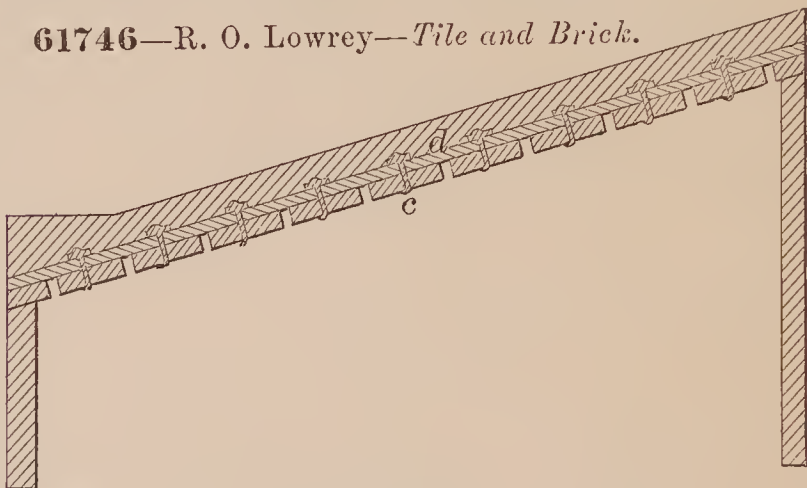
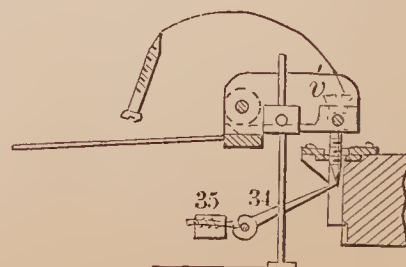
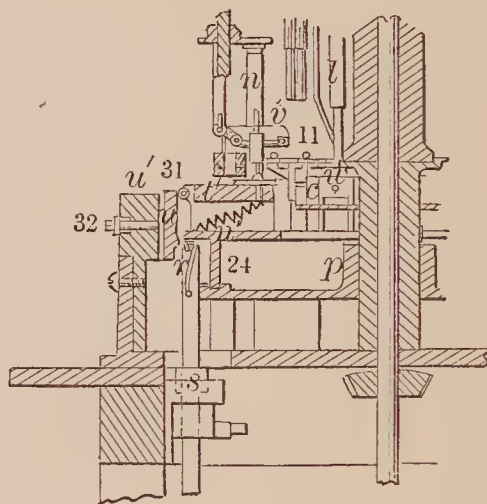
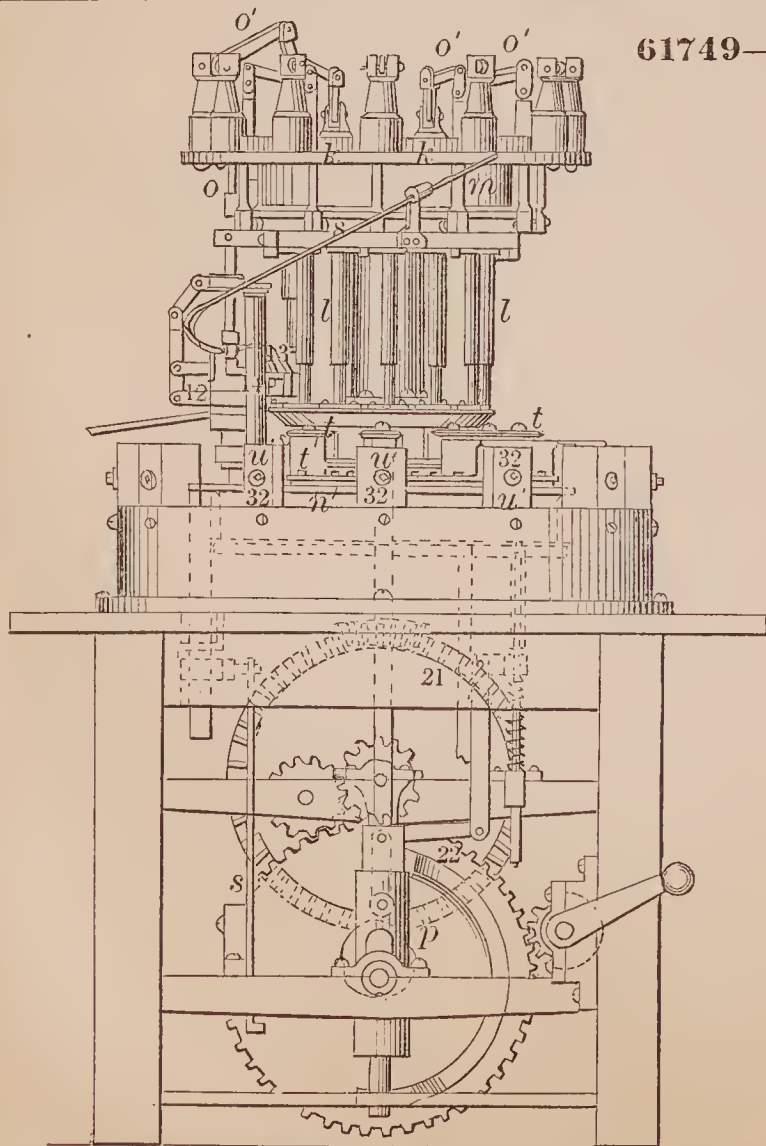


61740—S. Y. Ives—Cart Brake.

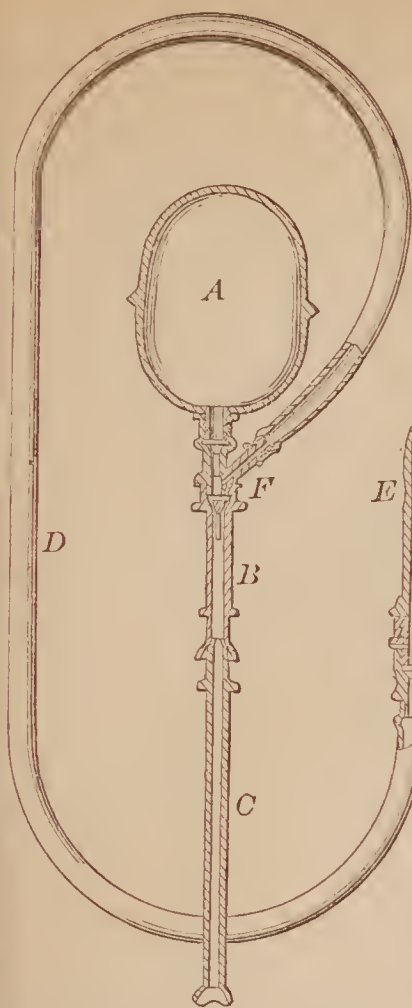


61737—B. B. Hotchkiss—Snag Hook.

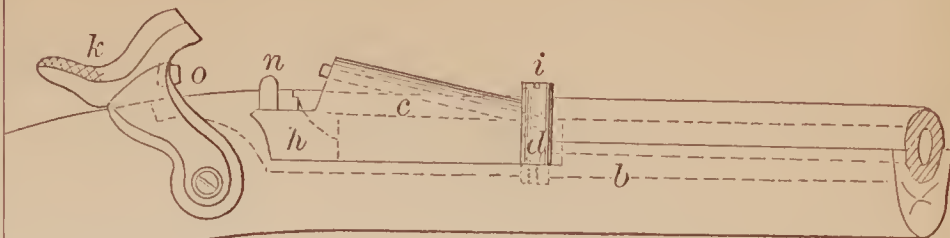


61741—C. Jillson—*Lightning Rod.*61742—M. A. Johnson—*Boot and Shoe Insole.*61745—H. & A. Lovie—*Curtain Fixture.*61744—G. W. Large—*Gate Latch.*61747—E. B. Manning—*Ice Pitcher.*61748—F. Marlow—*Carriage Horse Controller.*61746—R. O. Lowrey—*Tile and Brick.*61749—B. A. Mason—*Screw Making Machine.*

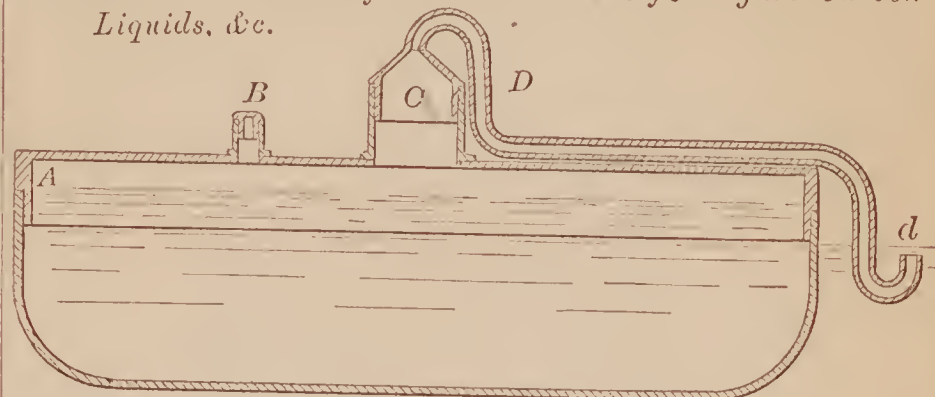
61750—M. Mattson—*Flexible Springs.*



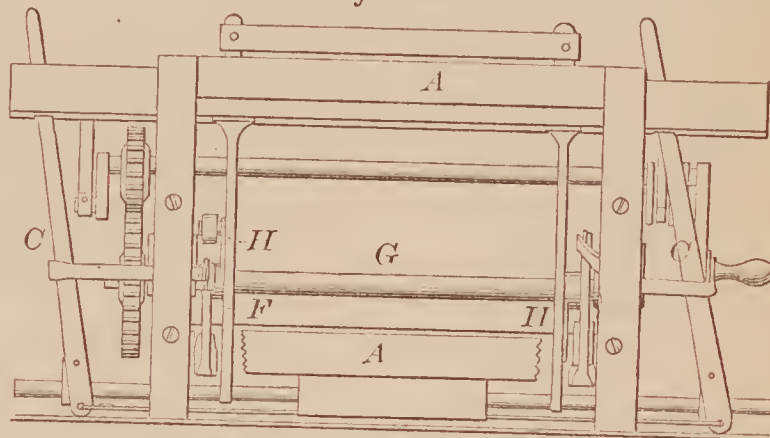
61751—I. M. Milbank—*Breech-Loading Fire Arm.*



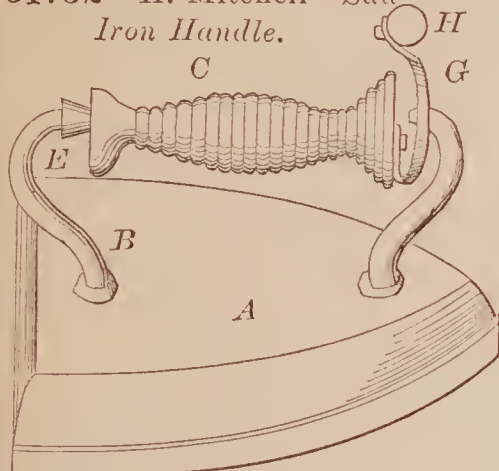
61753—J. G. Moody—*Vessel or Tank for Hydro-Carbon Liquids, &c.*



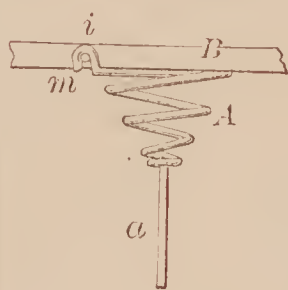
61754—S. Mortimer—*For Operating the Picker Staff of Looms.*



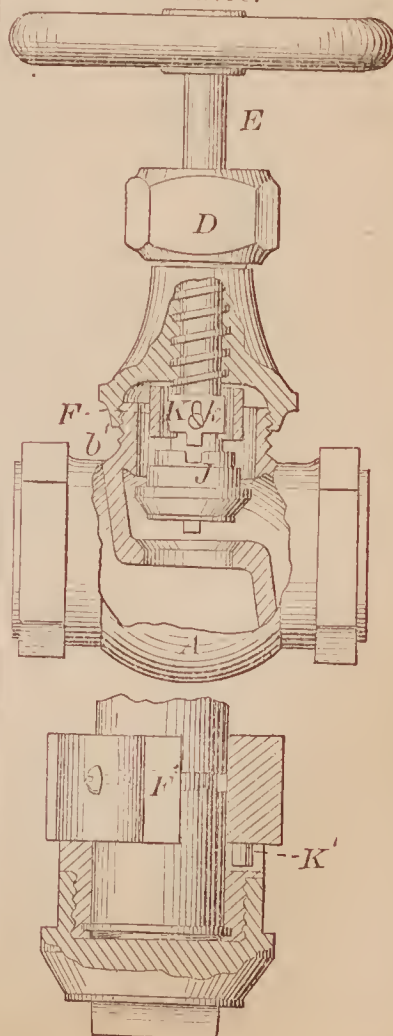
61752—H. Mitchell—*Sad Iron Handle.*



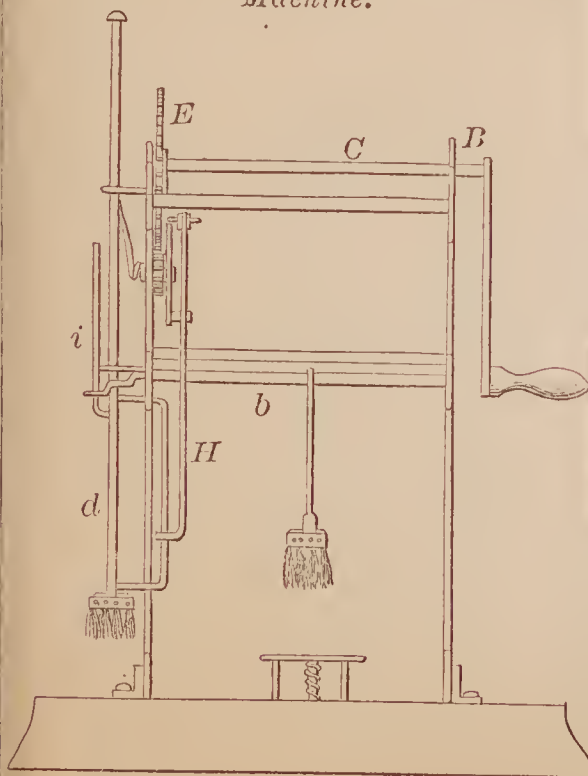
61757—S. E. Pettee—*Bed Bottom.*



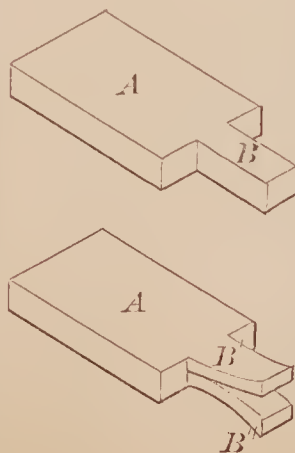
61758—J. Powell—*Globe Valve.*



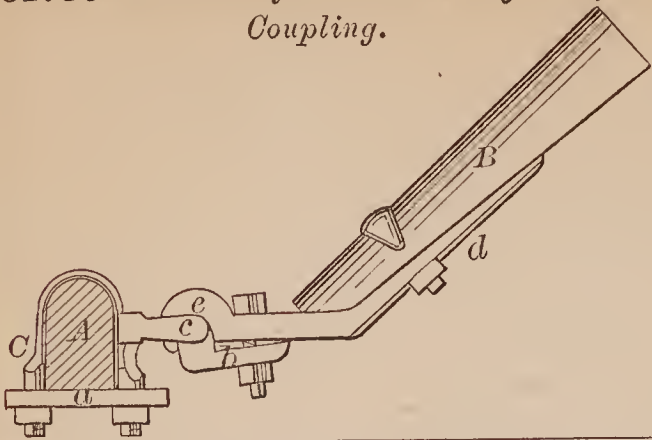
61755—M. A. Myer—*Boot Blacking Machine.*



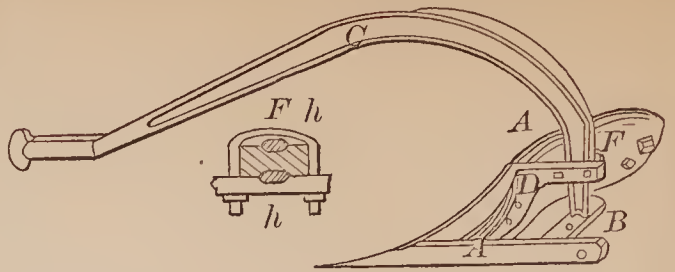
61756—H. M. Myers—*Making Shovels.*



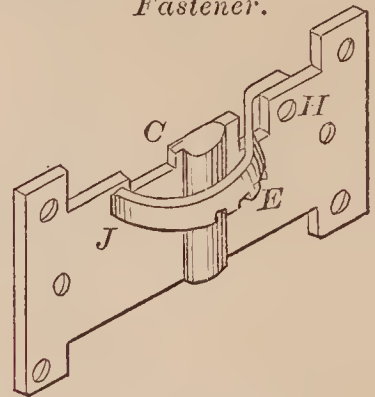
61759—A. R. Reynolds—*Carriage Shaft Coupling.*



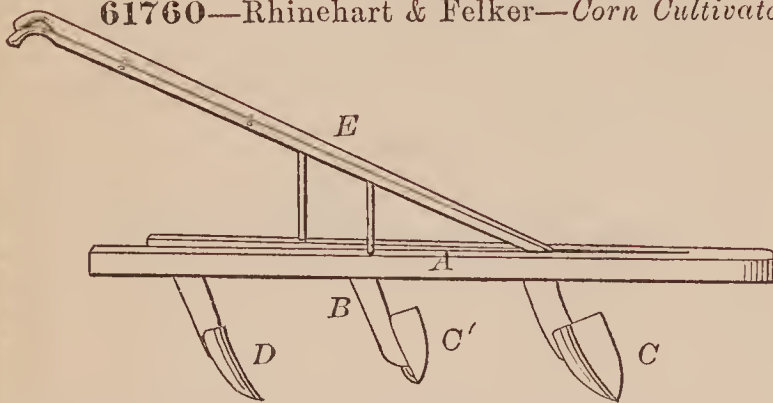
61762—Richards & Vandegrift—*Plow.*



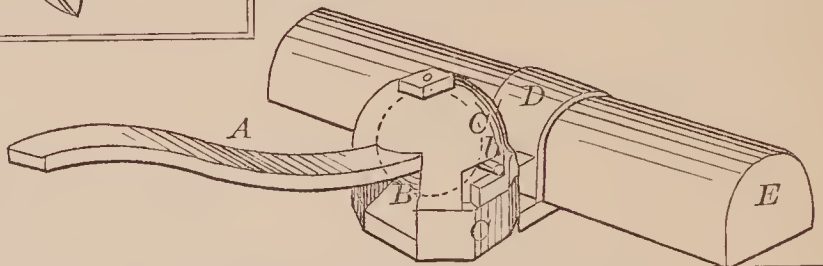
61764—J. L. Routzahn—*Shuttle Fastener.*



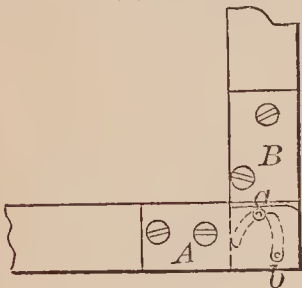
61760—Rhinehart & Felker—*Corn Cultivator.*



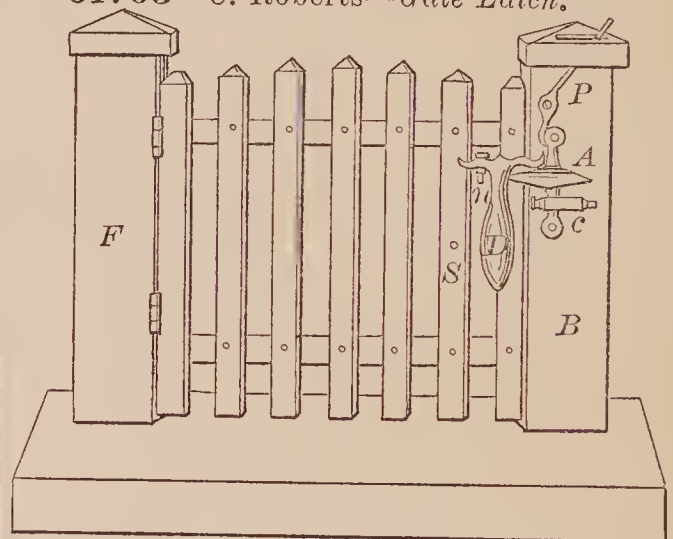
61761—S. G. Rice—*Thill Coupling.*



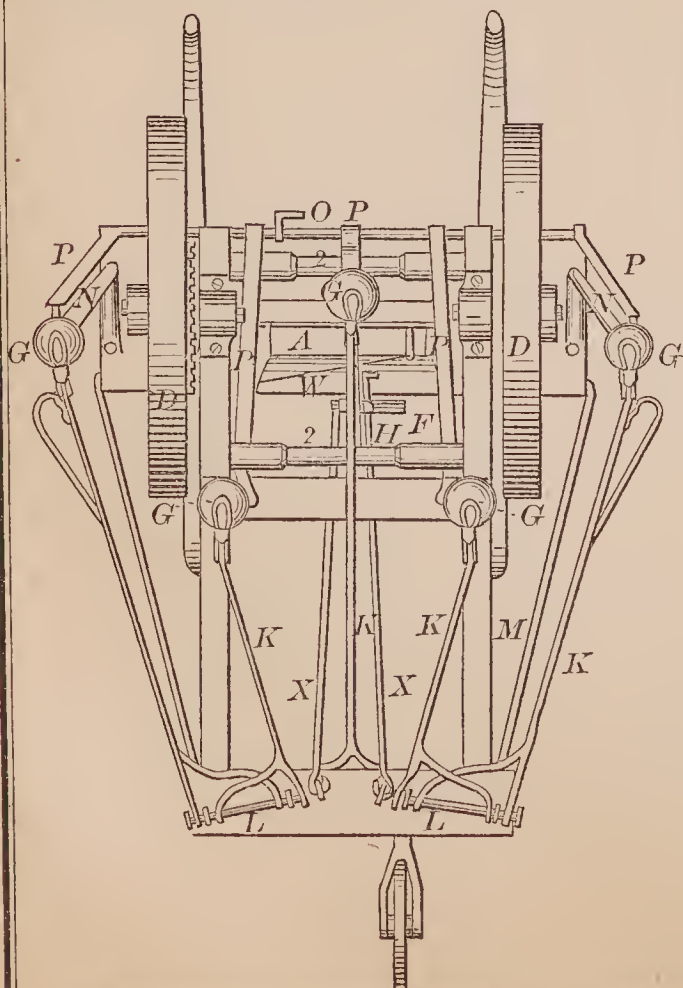
61766—J. Schafer—*Hinge.*



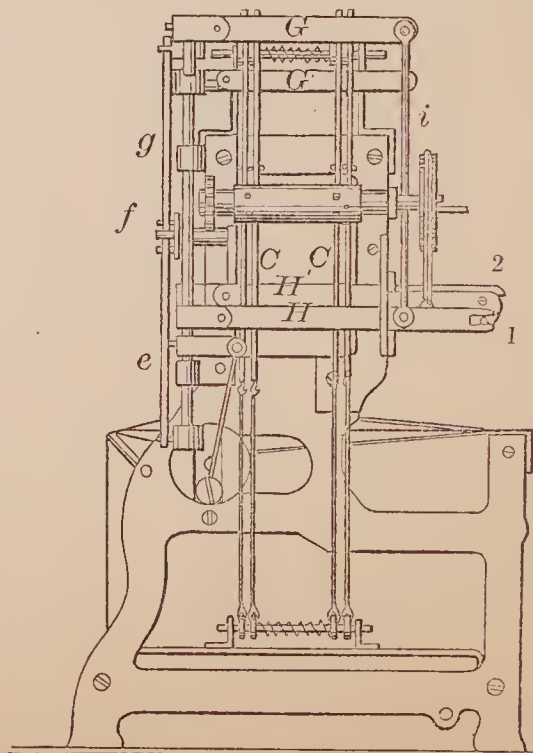
61763—C. Roberts—*Gate Latch.*



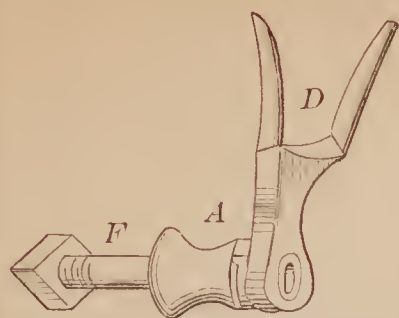
61765—J. R. Rude—*Grain Drill.*



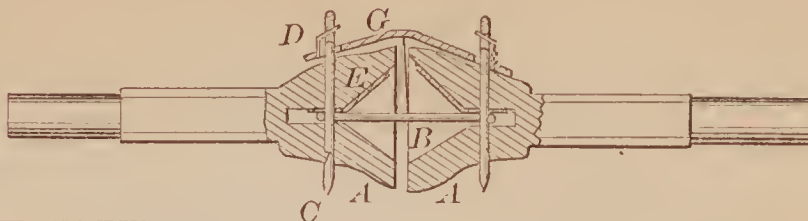
61767—J. Schofield—*Loom.*



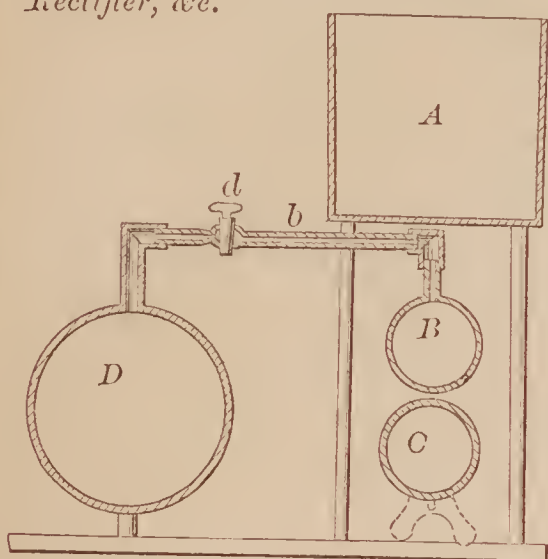
61769—A. Sedgwick—*For Supporting Carriage Thills.*



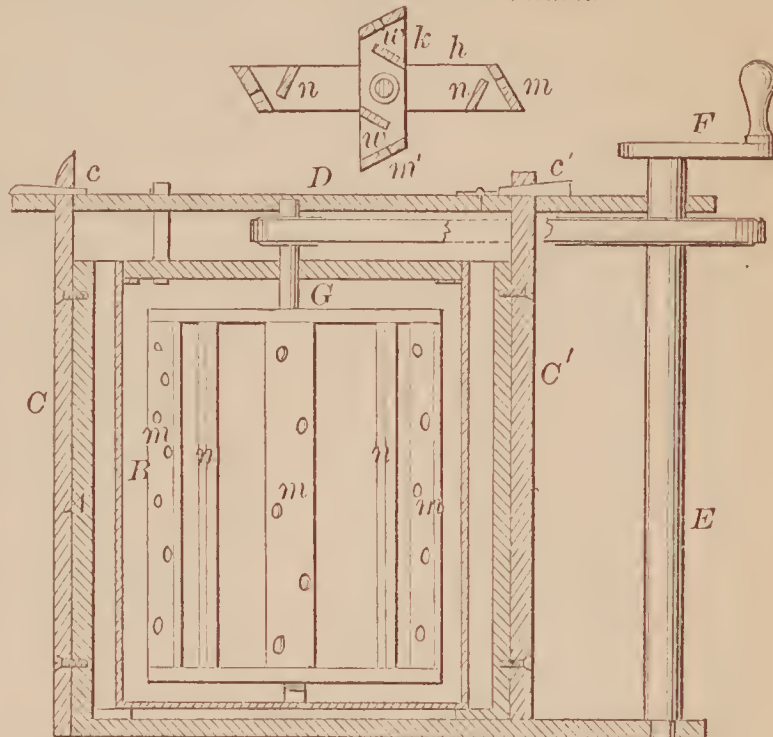
61771—H. Soggs—*Car Coupling.*



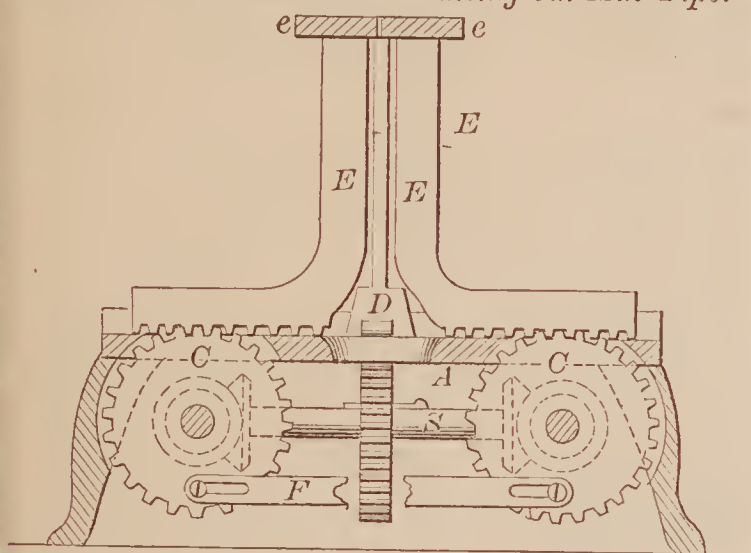
61770—T. Simmons—*Alcohol Rectifier, &c.*



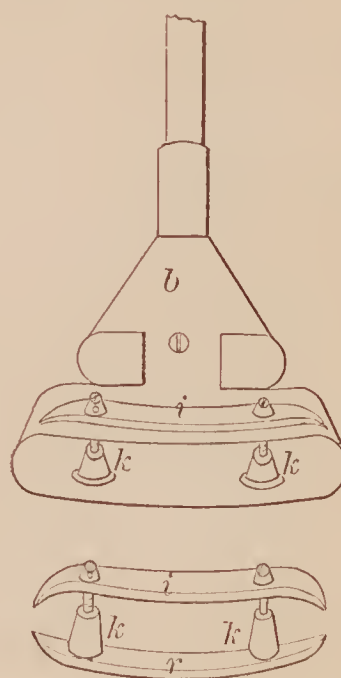
61772—M. V. B. Steinmetz—*Churn.*



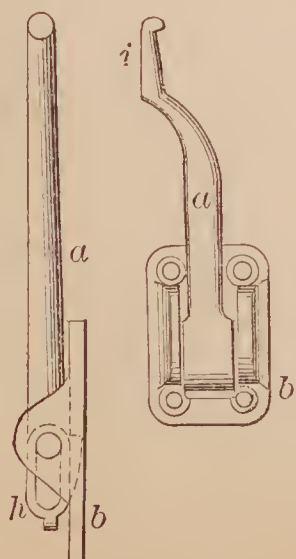
61773—J. Stevens—*For Pulling out Hat Tips.*



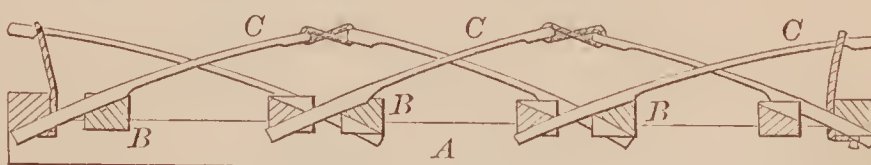
61774—W. D. Stroud—*Broom Head.*



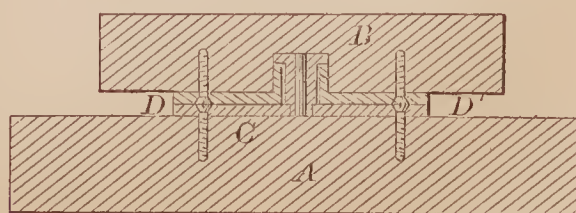
61779—A. J. Warner—*Blind Fastening.*



61775—D. M. Thomas—*Bed Bottom.*

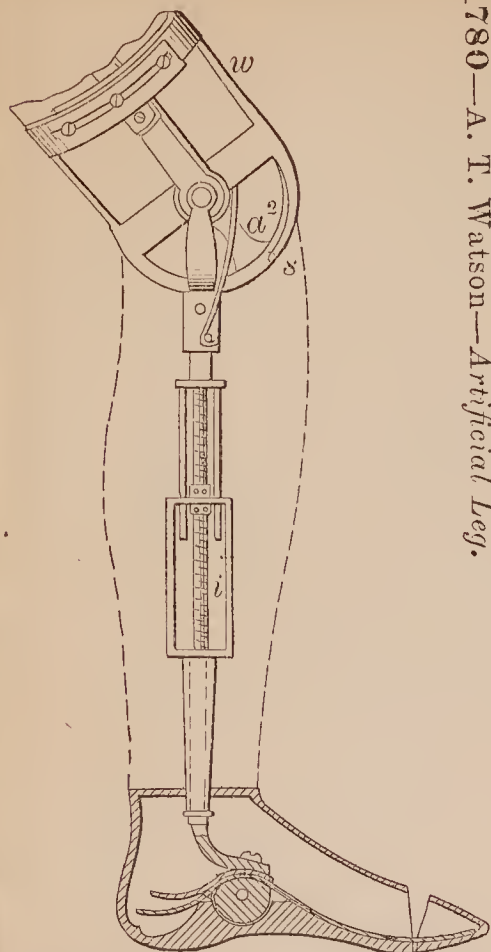


61776—F. V. Patten—*Carriage Whiffletree Attachment.*



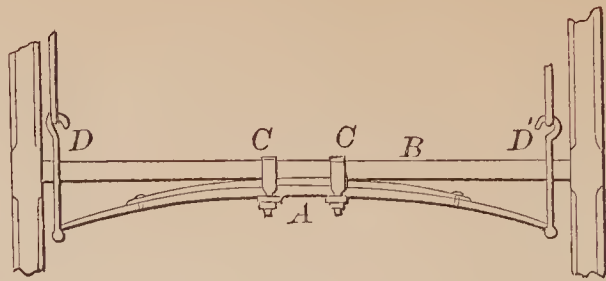
61777—W. Wallace—*Chain.*



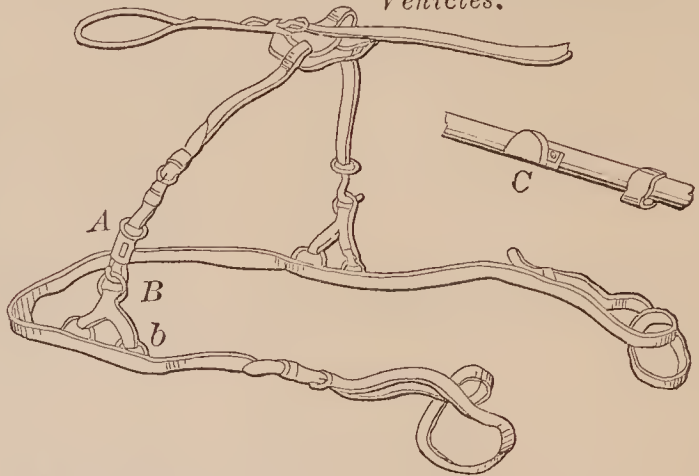


61780—A. T. Watson—Artificial Leg.

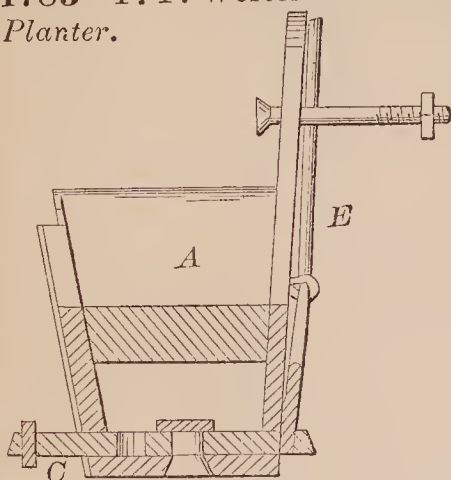
61781—O. N. Weaver—Whiffletree.



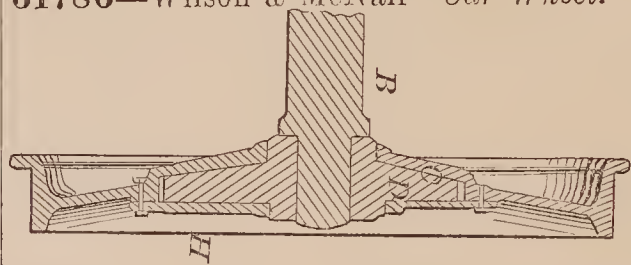
61782—O. N. Weaver—Unhitching Horses from Vehicles.



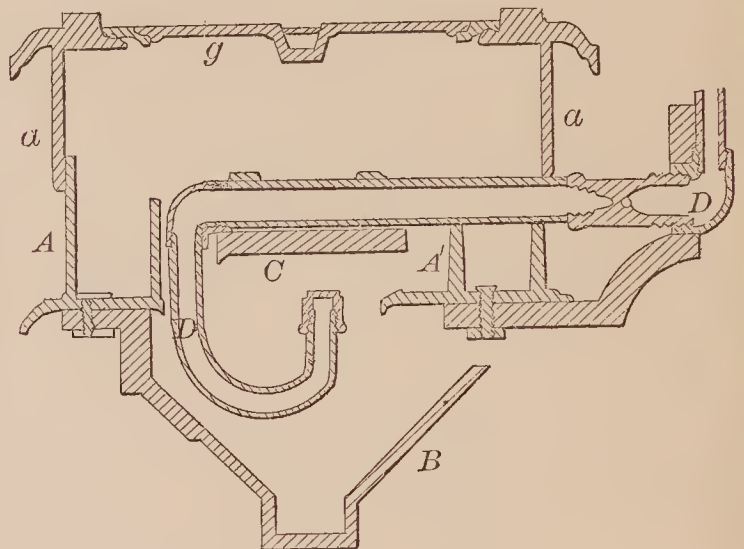
61783—F. F. Westerfield—Corn Planter.



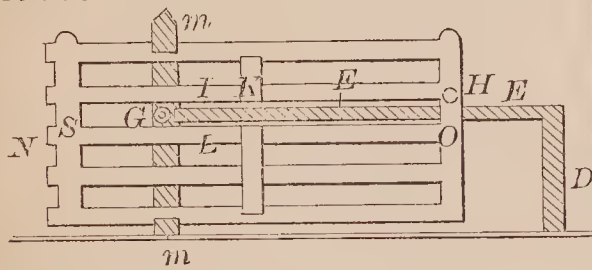
61786—Wilson & McNall—Car Wheel.



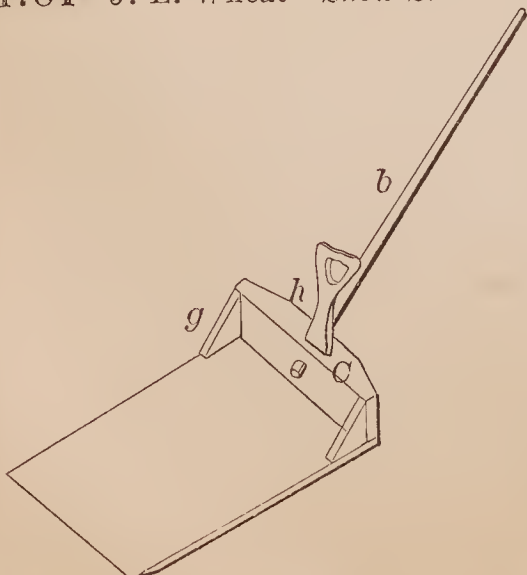
61788—Young & Benster—Gas Stove.



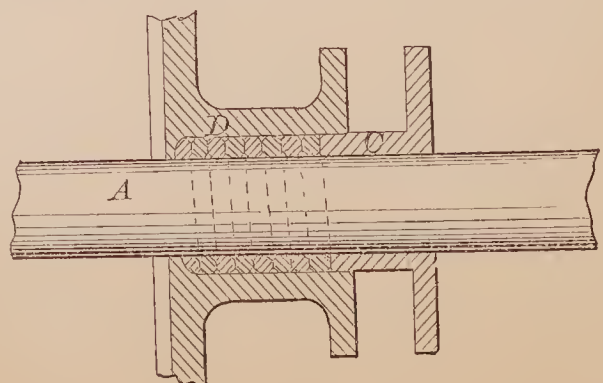
61785—T. B. Wickham—Farm Gate.



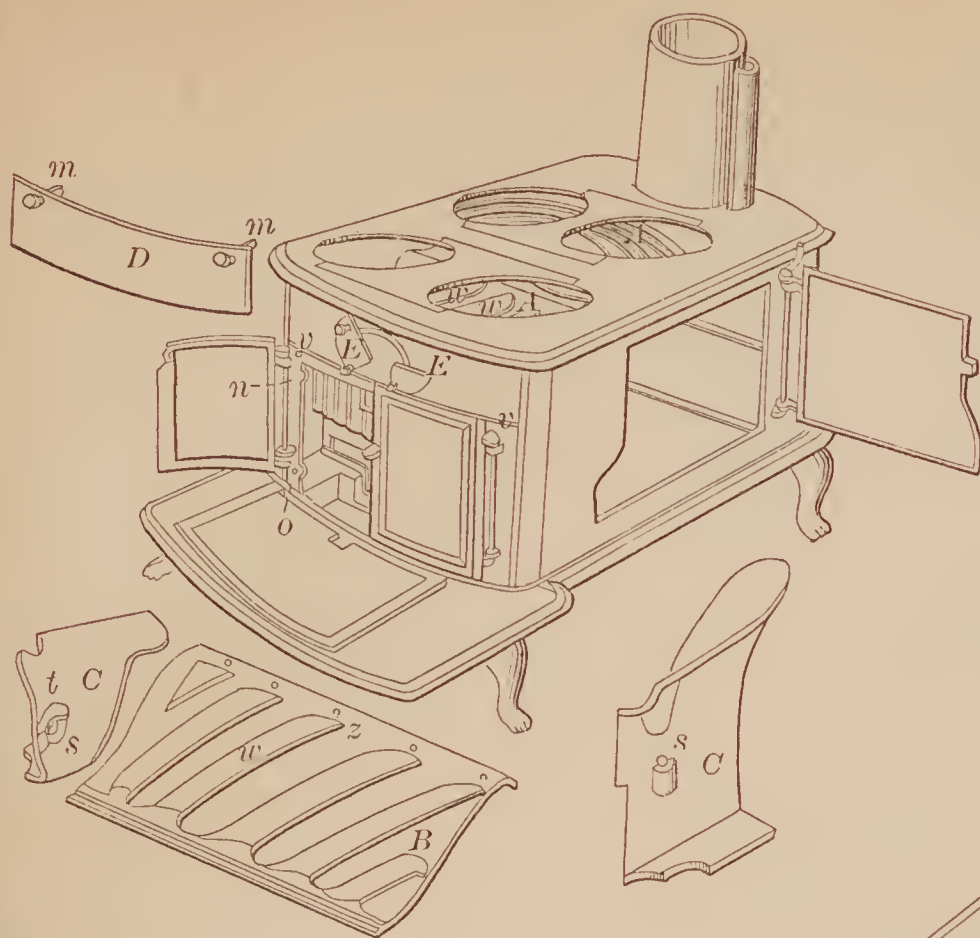
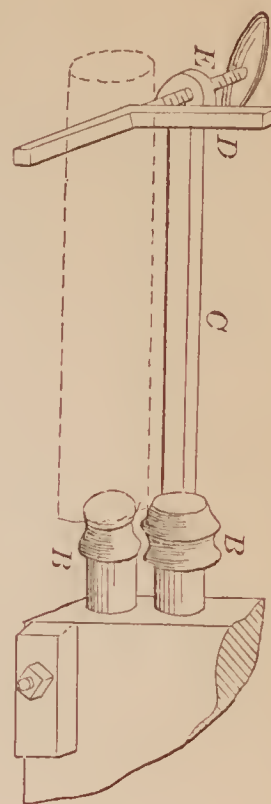
61784—J. E. Wheat—Snow Shovel.



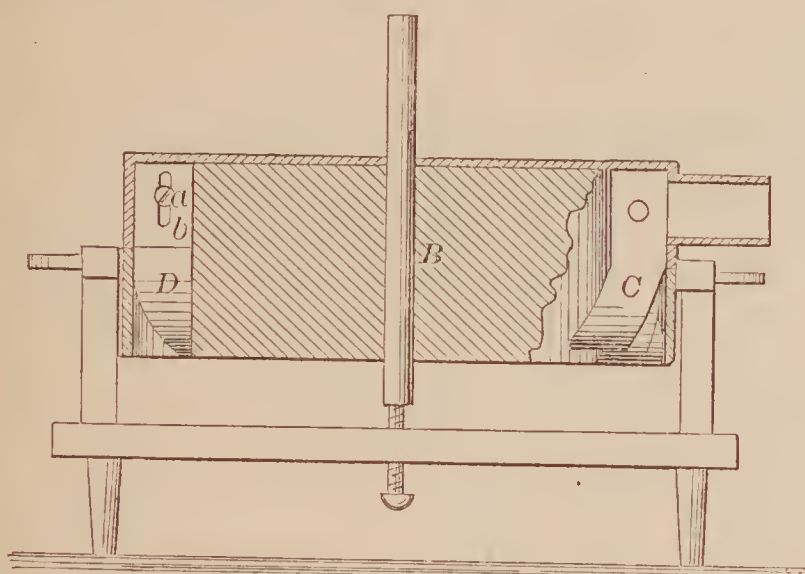
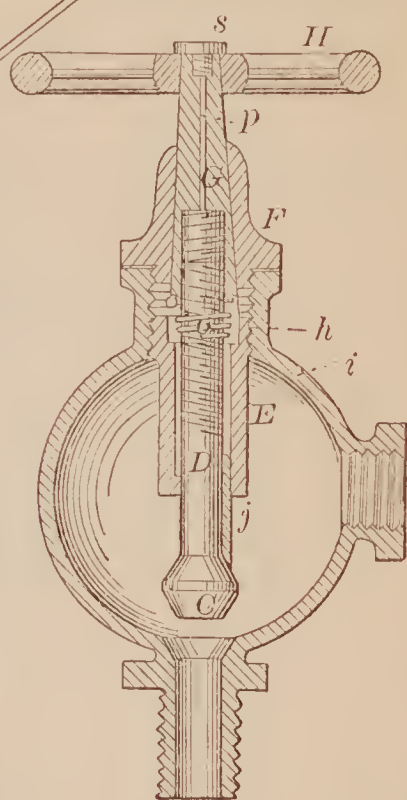
61789—J. Young—Piston Rod Packing.



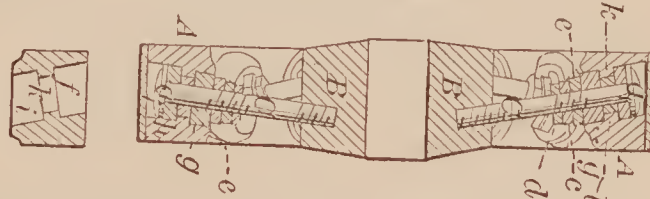
61790—Adams & Peckover—*Cooking Stove.*

61791—J. N. Adams—*For Jointing Stove Pipes.*

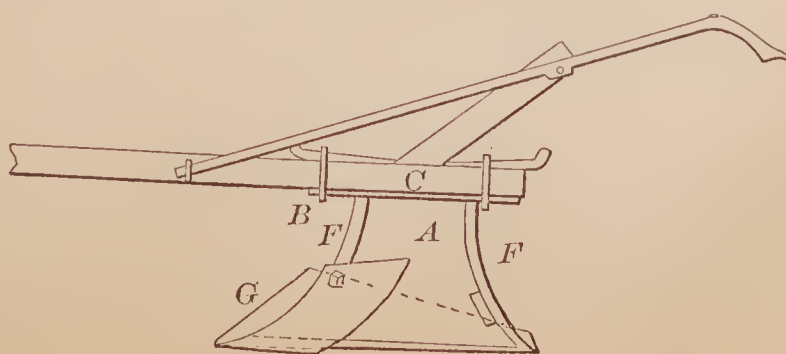
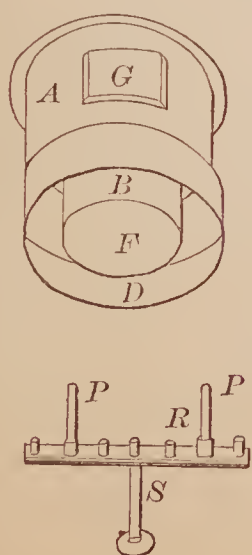
61792—G. Arrison—*Water Wheel.*

61794—T. & J. Barber—*Globe Valve.*

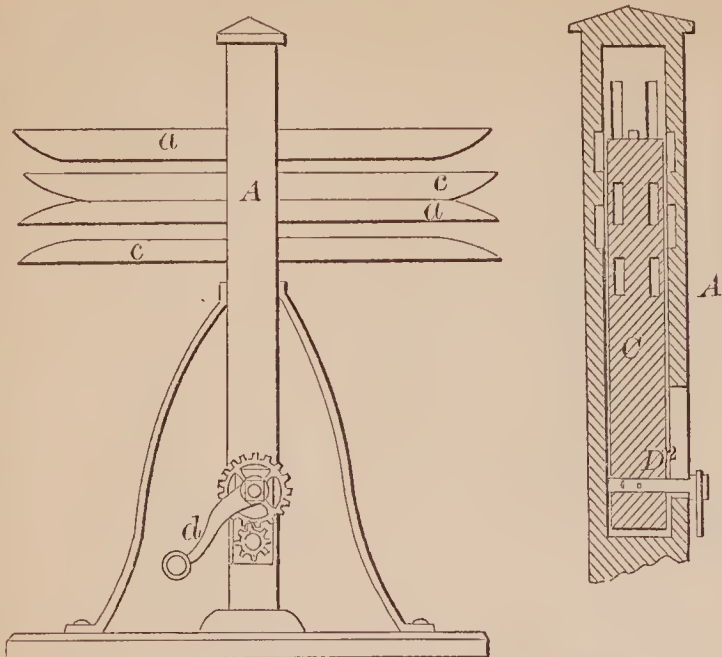
61793—C. C. Ayer—*Carriage Wheel.*



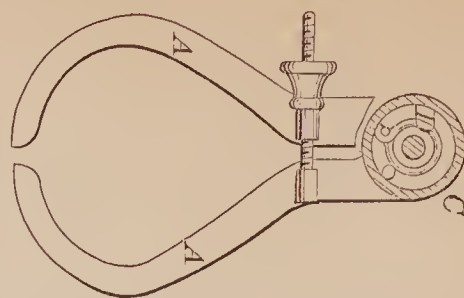
61796—J. C. Bethea—*Gang Plow.*

61795—G. W. Beard—*Heating Stove.*

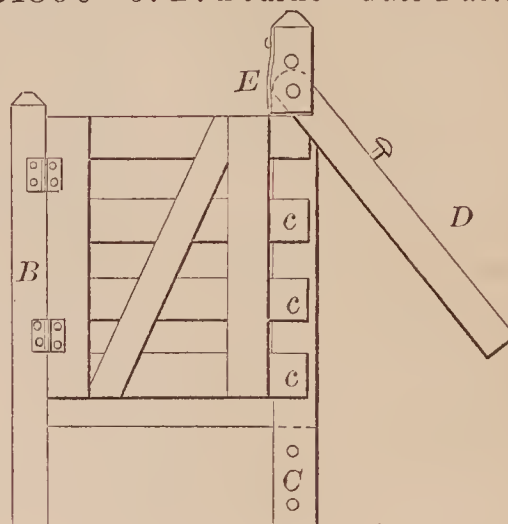
61797—C. A. Biermann—*Hemp Break.*



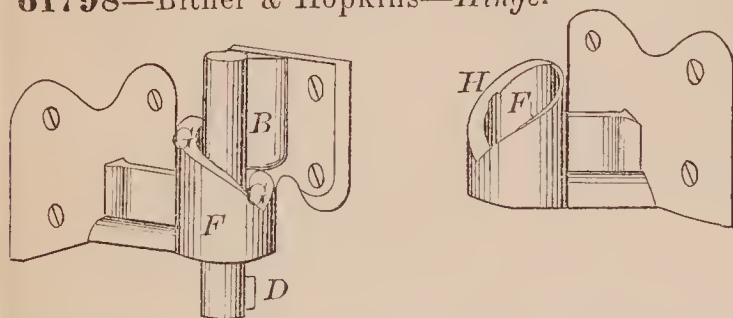
61799—H. A. Boardman—*Calipers.*



61800—J. D. Bourne—*Gate Fastening.*



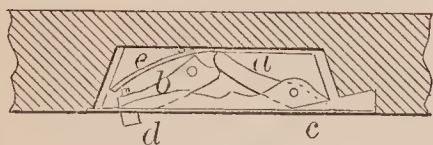
61798—Bitner & Hopkins—*Hinge*.



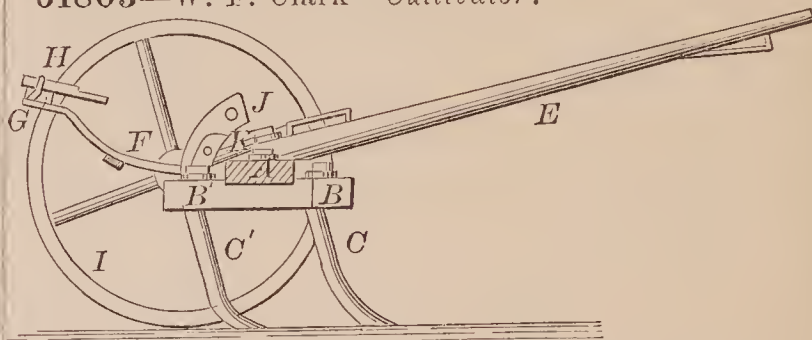
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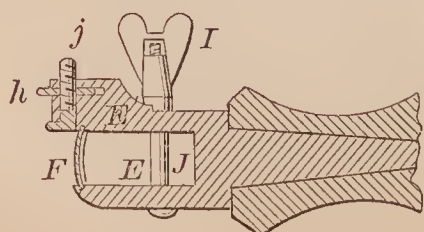
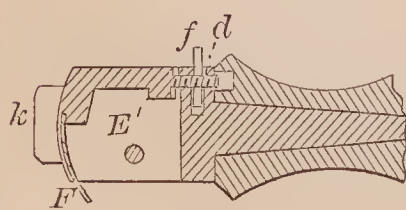
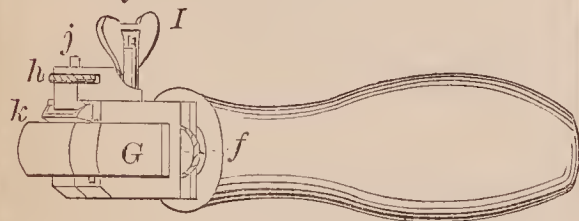
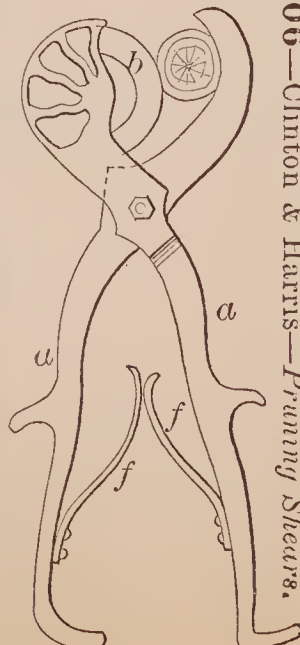
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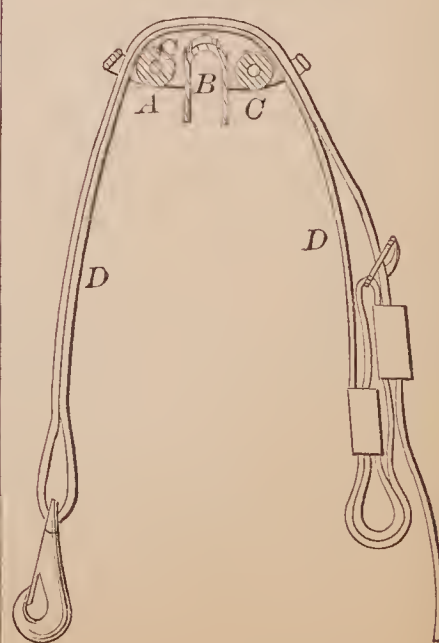
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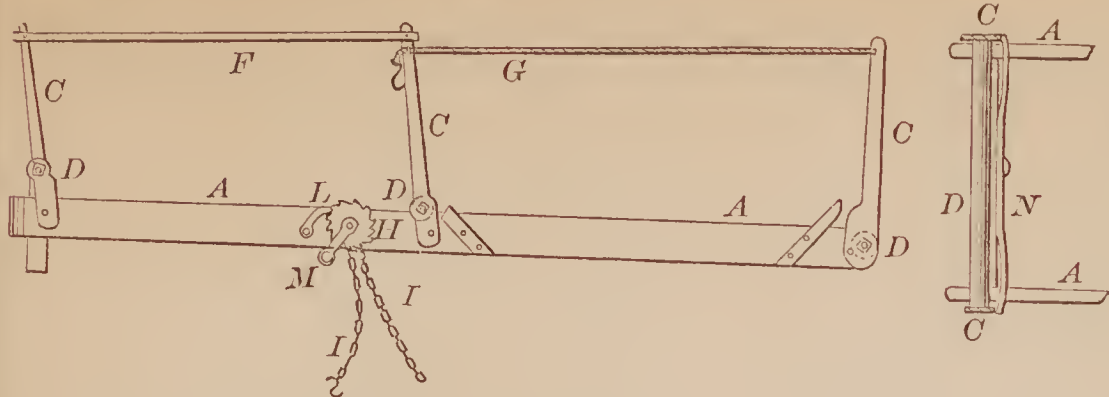
61804—A. B. Clark—*Edge Plane
for Boots and Shoes.*

61806—Clinton & Harris—*Pruning Shears*.

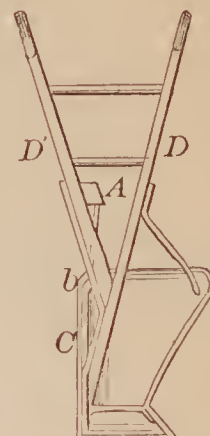
61807—A. H. Cole—*Neck
Yoke Trundle.*



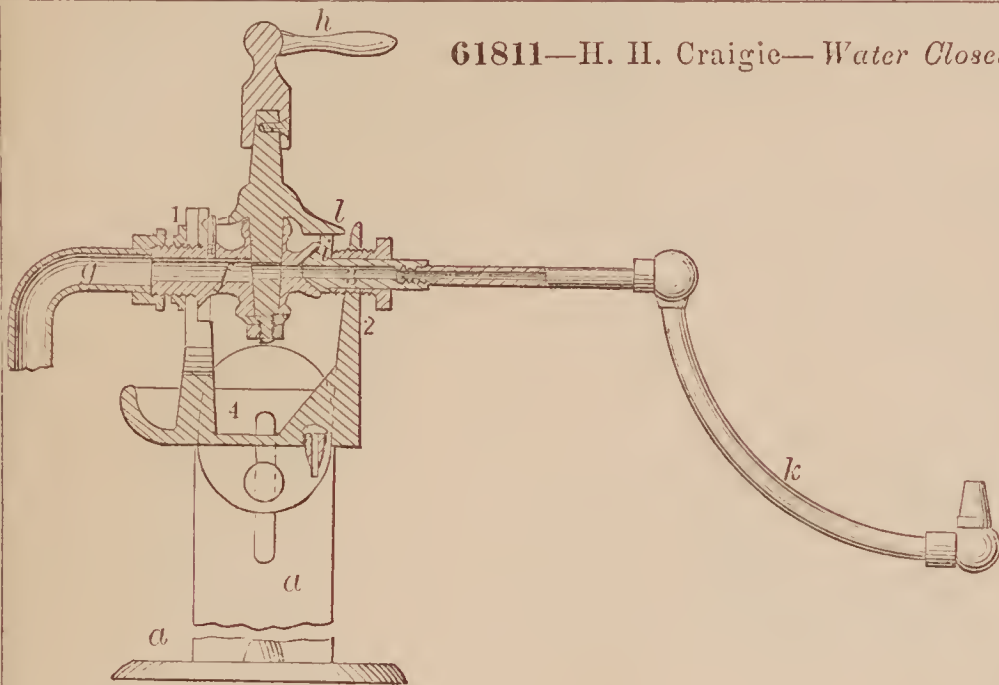
61808—C. C. Comstock—*Wagon Lumber Rack.*



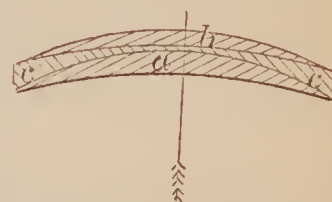
61809—W. Cooley—*Plow.*



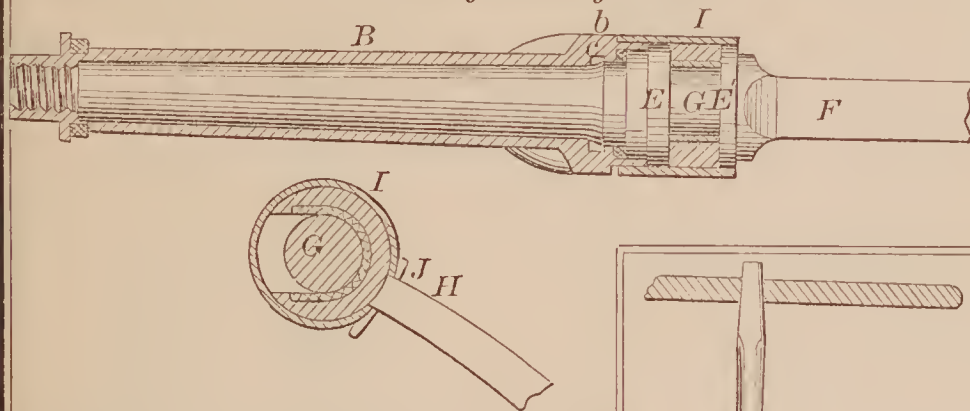
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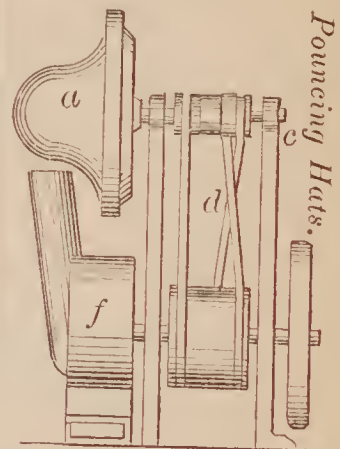
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J. H. Dallmeyer—*Photographic Lens.*



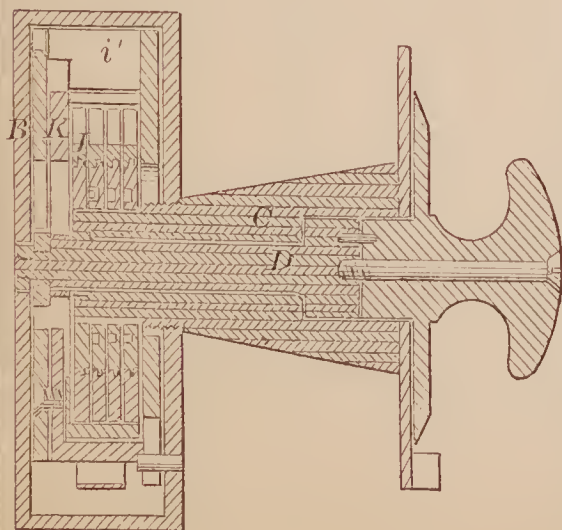
61813—D. Dalzell—*Attaching Carriage Thills.*



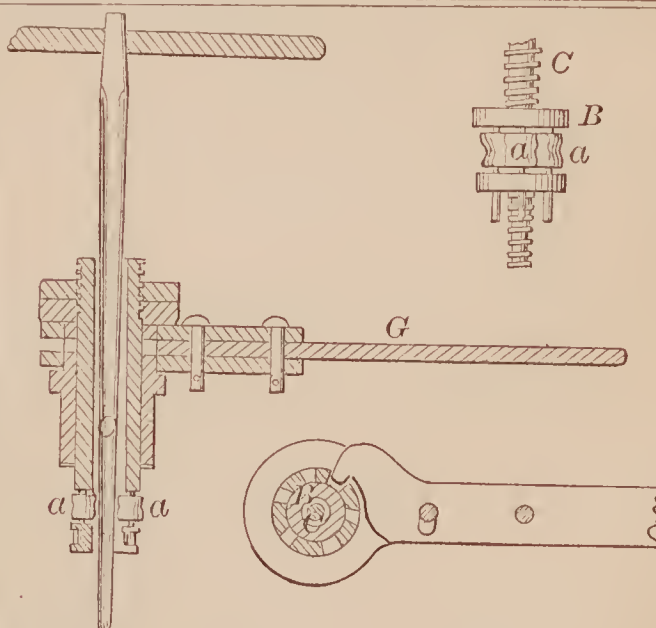
61814—N. S. Drake—*For Pouncing Hats.*



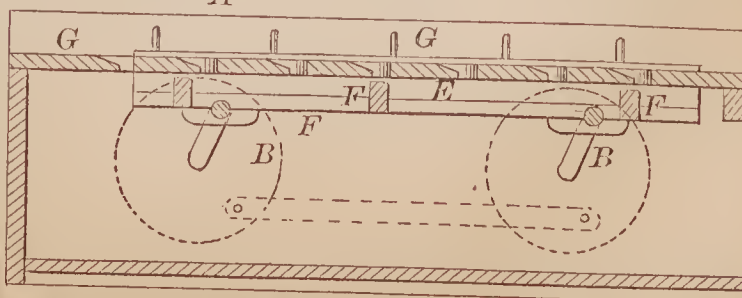
61810—J. Corbett—*Permutation Lock.*

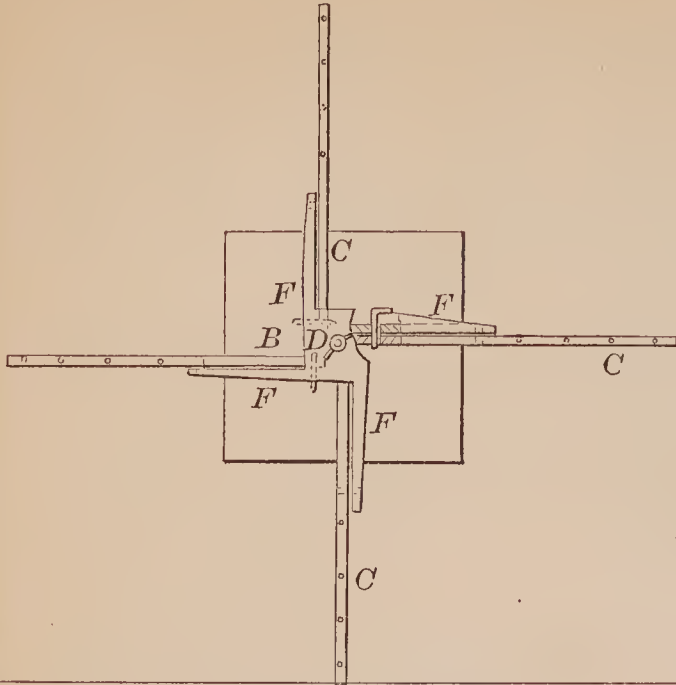
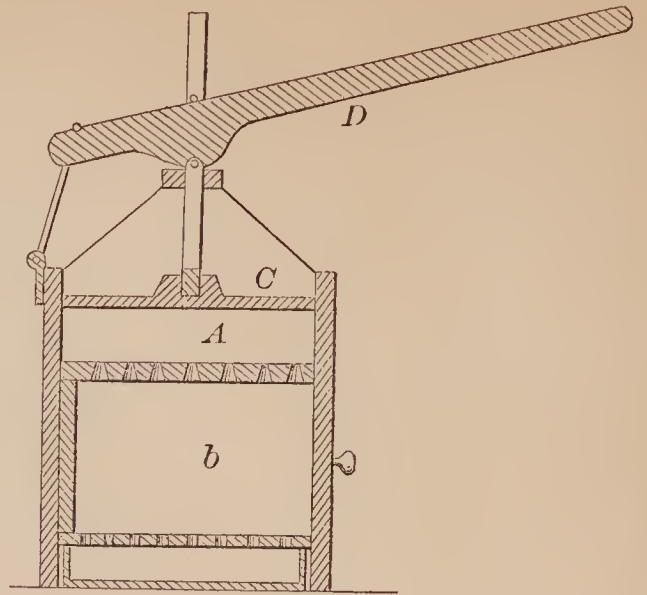
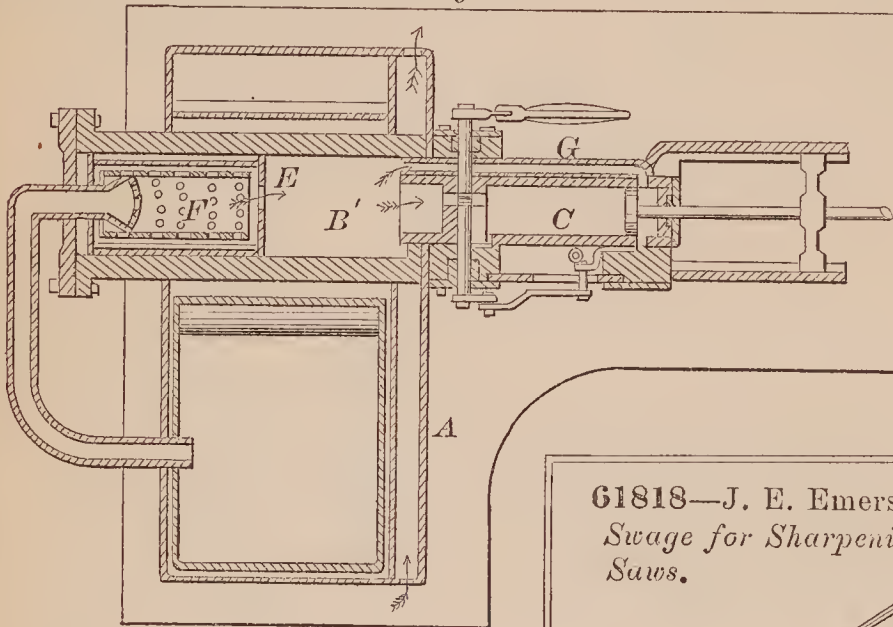
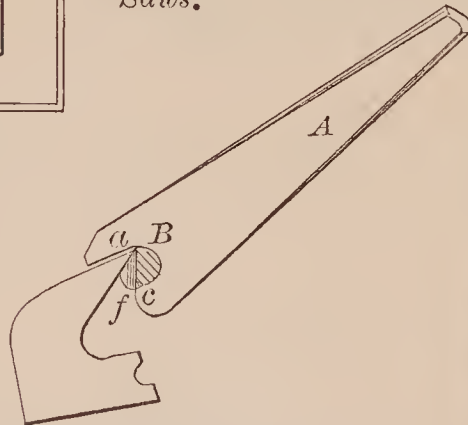
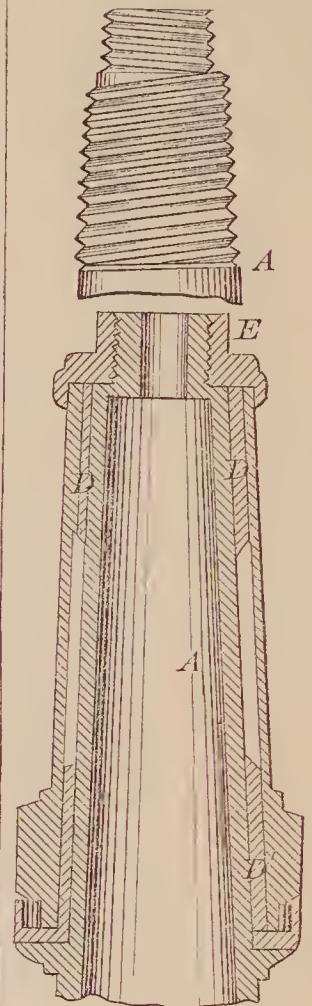
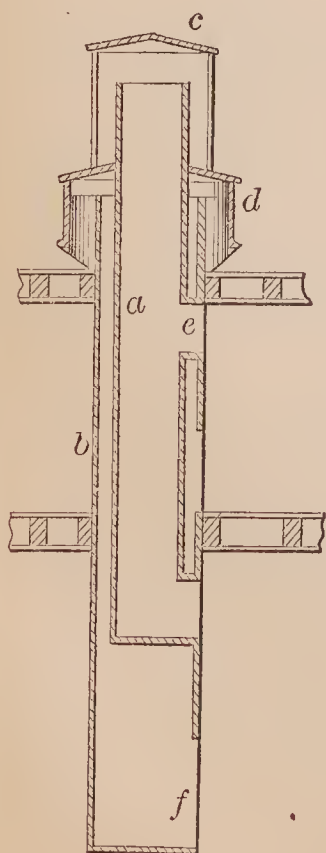
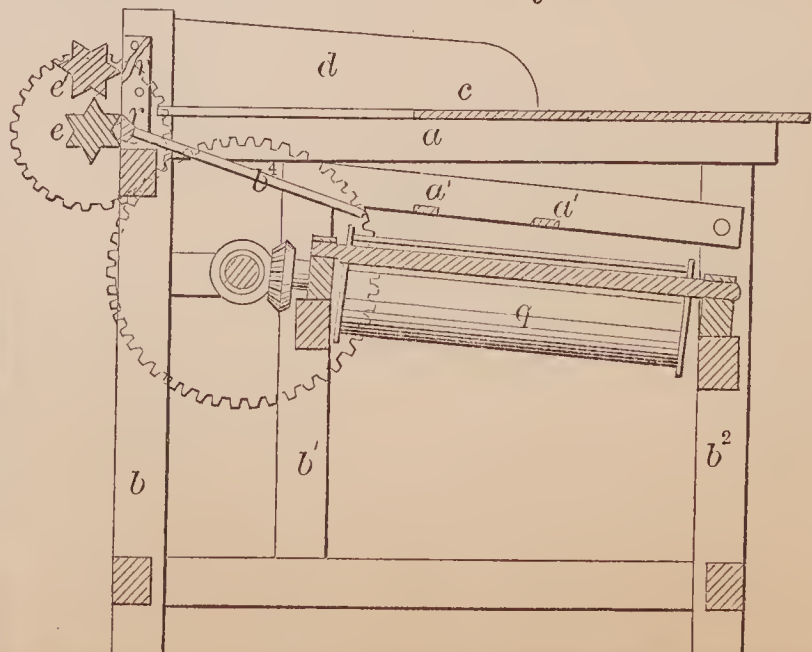


61815—R. Dudgeon—*For Fastening Boiler Tubes.*

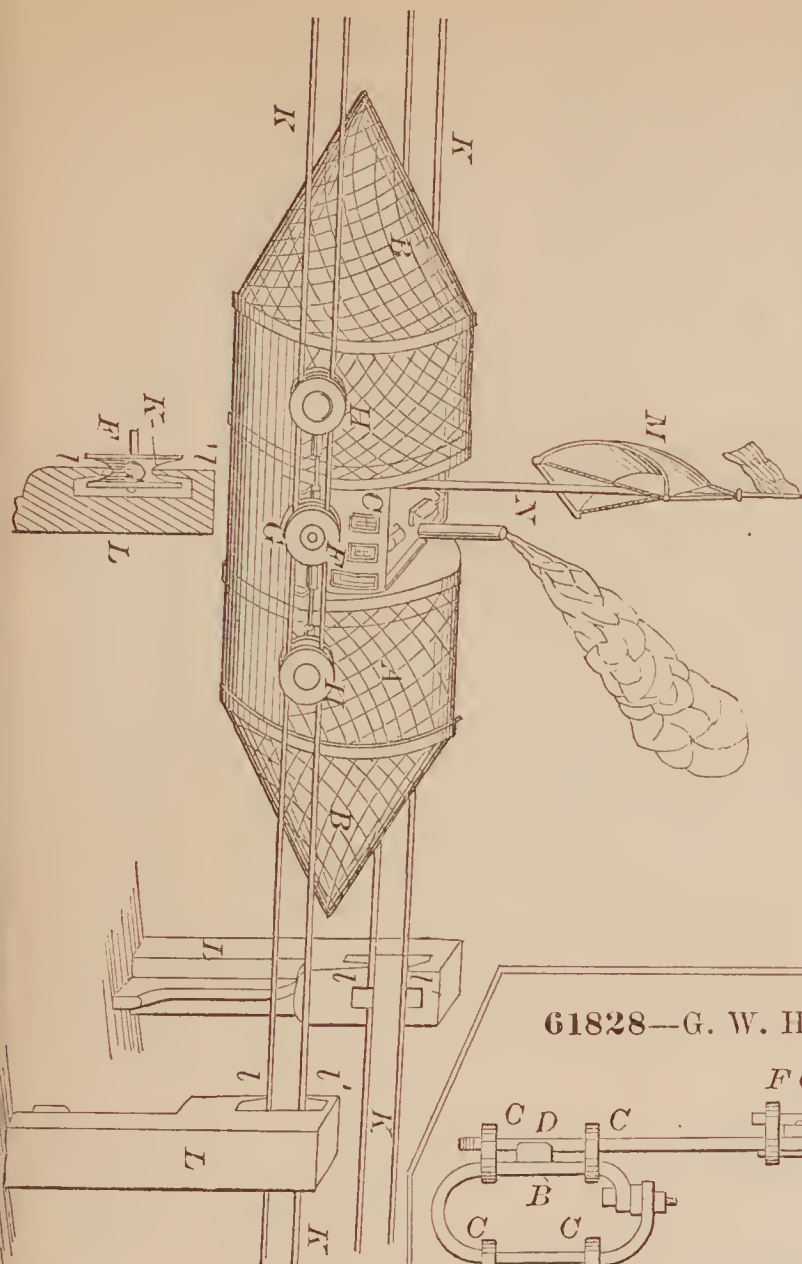


61816—Dunbar & McNaught—*Grain Separator.*

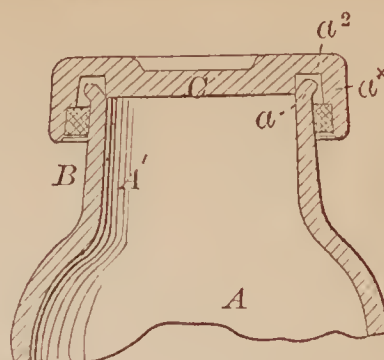


61817—J. T. Elliott—*Clothes Dryer.*61822—E. Farnum—*Butter Worker.*61819—J. M. Enos—*Steam Engine.*61818—J. E. Emerson—*Swage for Sharpening Saws.*61821—T. Falvey—*Carriage Axle.*61820—D. Estes—*Ventilating Pipe for Houses, &c.*61823—Farnum & Scott—*Husking Machine.*

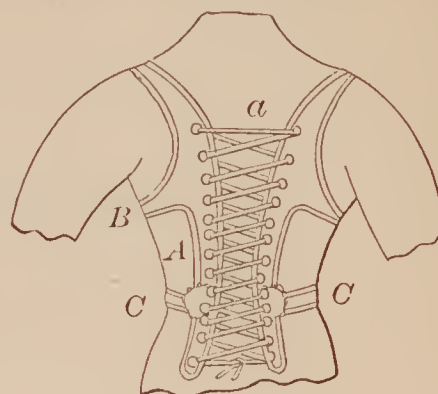
61824—J. A. A. Fontaine—*Aerial Railroad.*



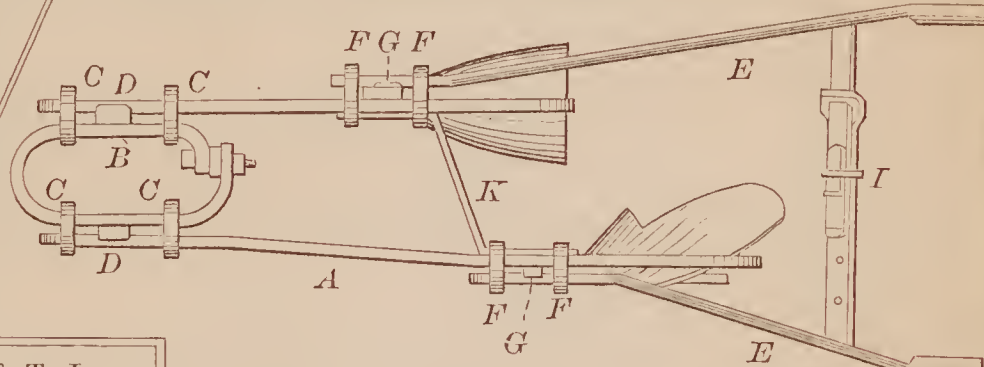
61827—W. L. Haller—*Fruit Jar.*



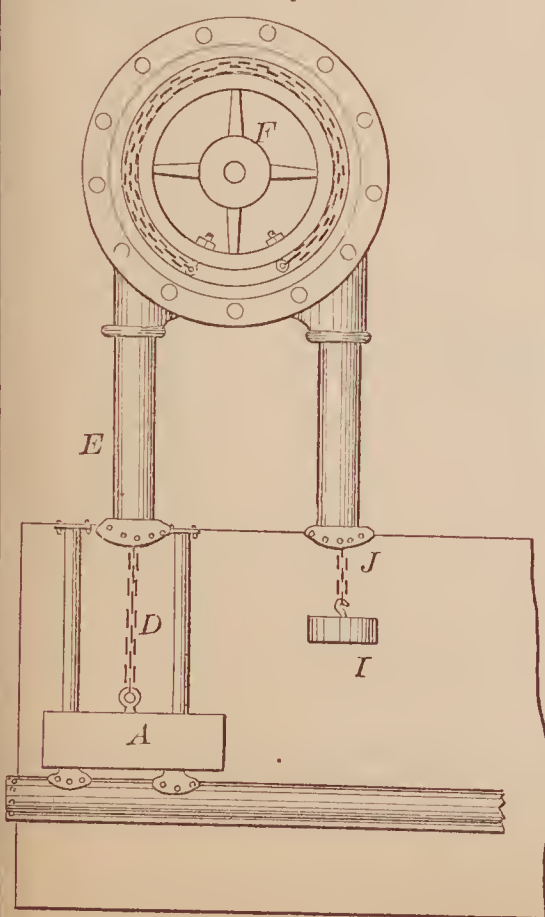
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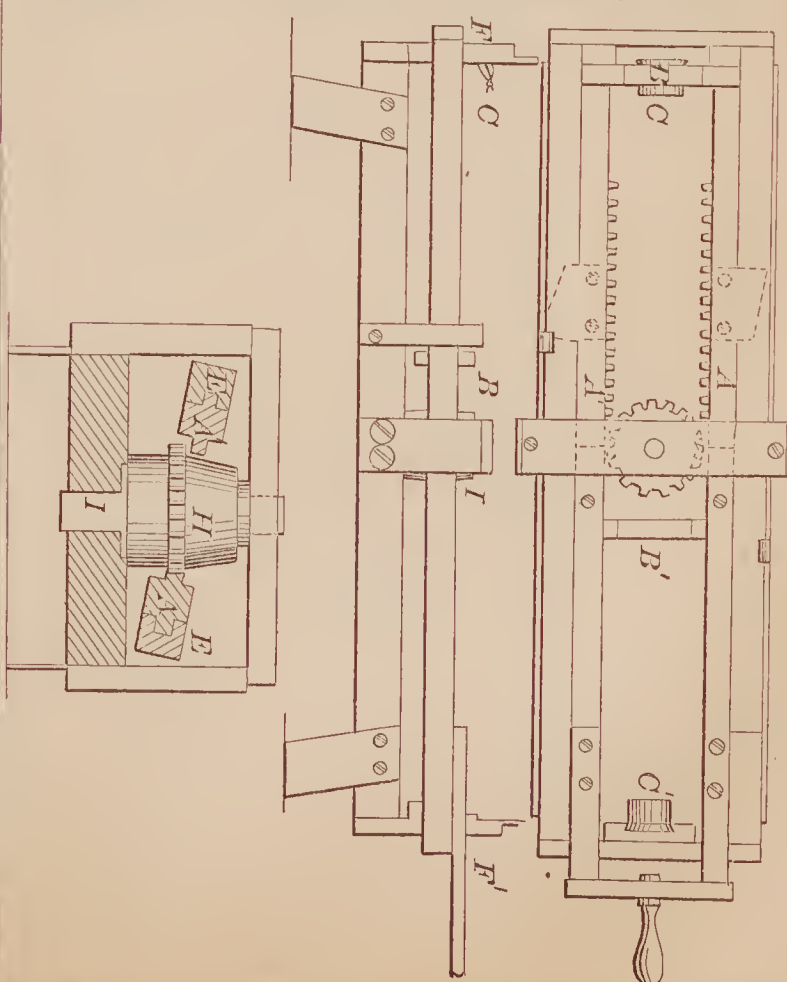
61828—G. W. Hatfield—*Cultivator Plow.*

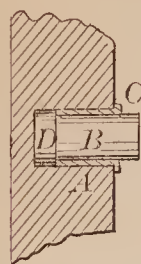


61826—A. & W. Guthrie, & T. L.—*Humes Indicator for Boilers.*



61829—J. Hawthorn—*For Converting Motion.*

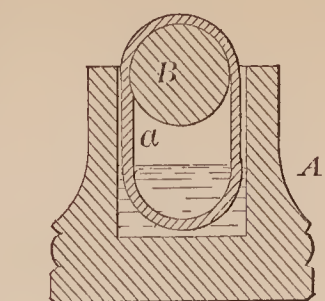




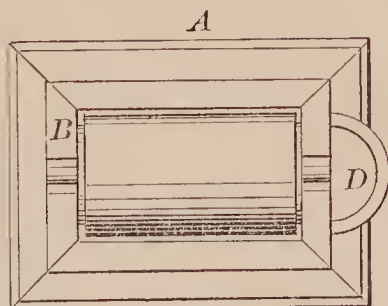
61830—Hazard & Richardson—Door Stop.



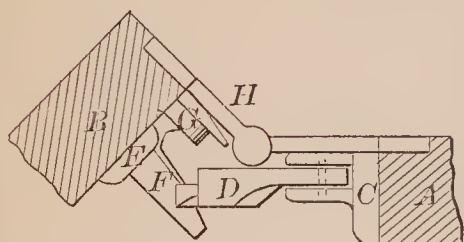
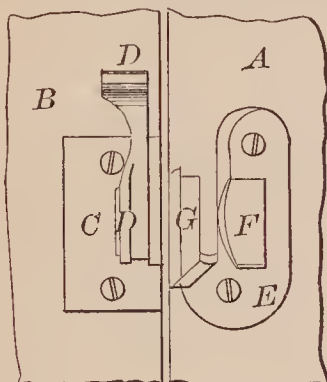
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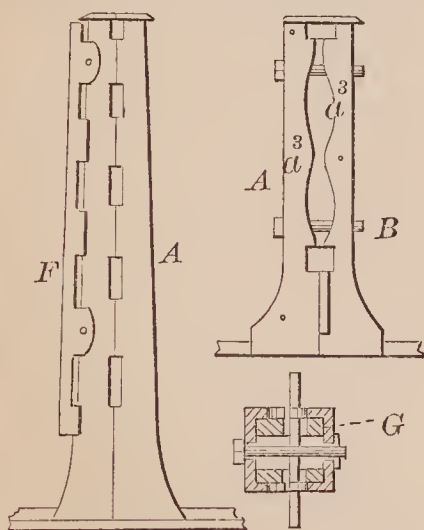
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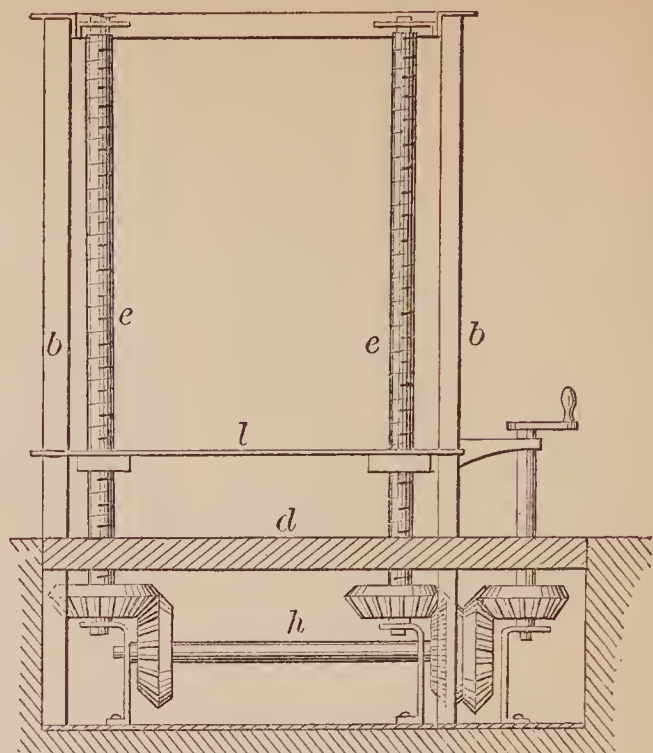
61834—W. B. Howard—Shutter Fastening.



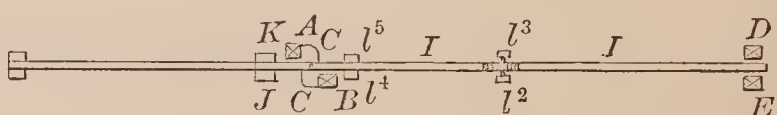
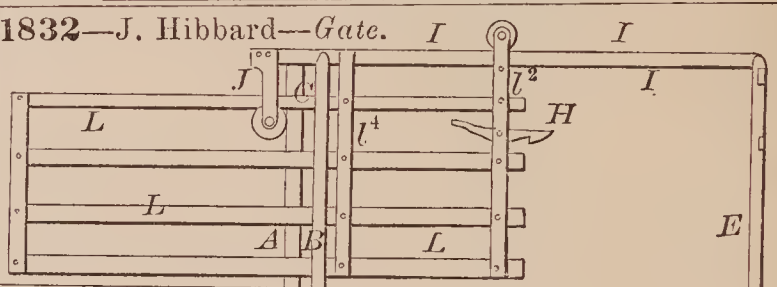
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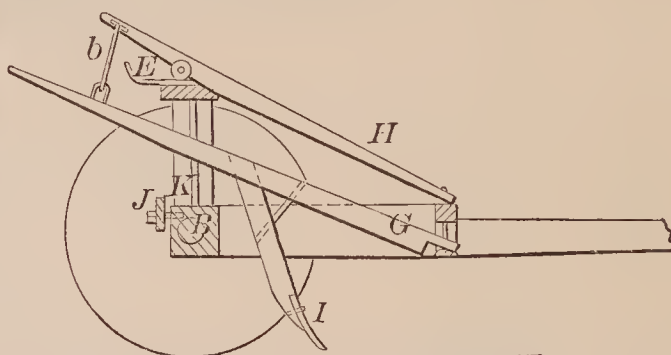
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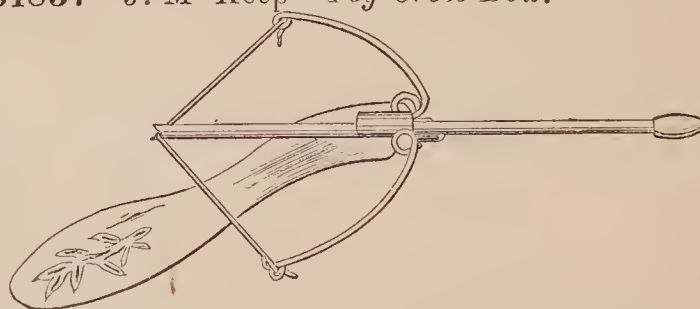
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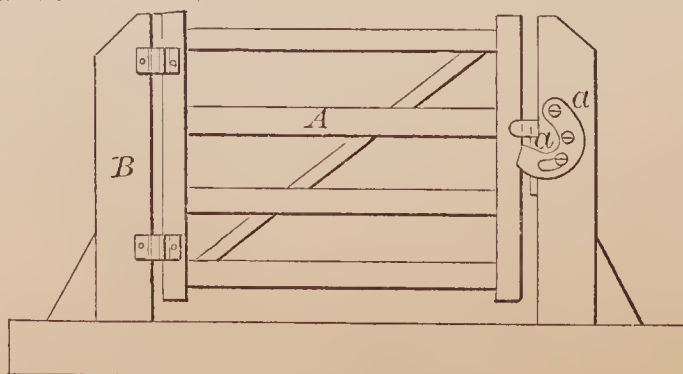
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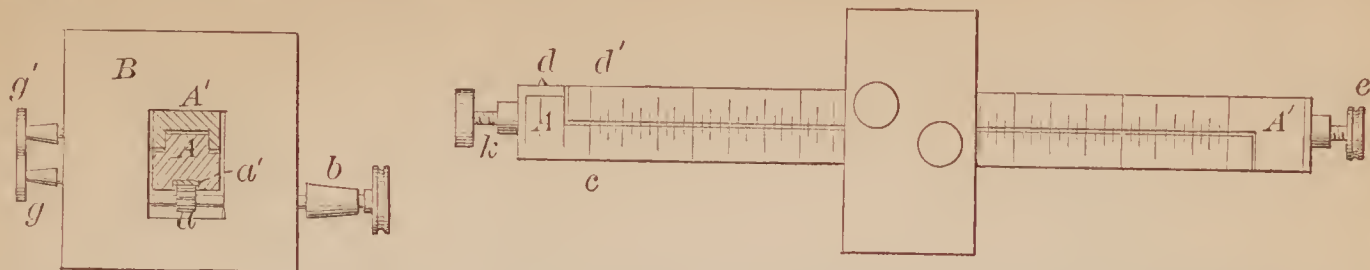
61837—J. M. Keep—Toy Cross Bow.



61839—J. E. Klein—Gate Latch.



61840—G. T. Lapo—*Carpenter's Gauge.*



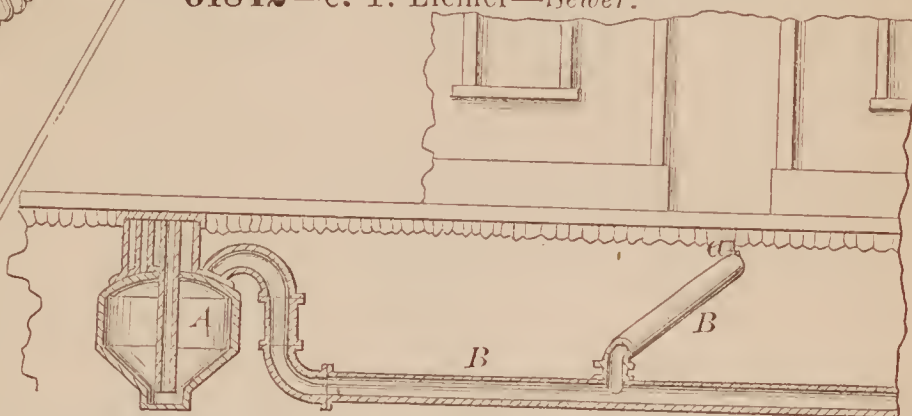
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C. E. F. Lewis—
Washing Shield.



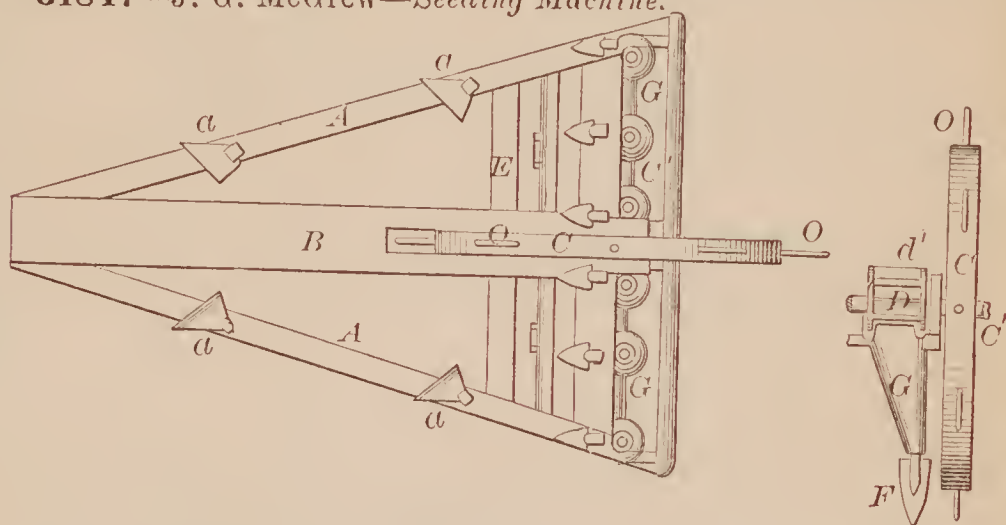
61846—S. McClain—*Whistle and Bird Call.*



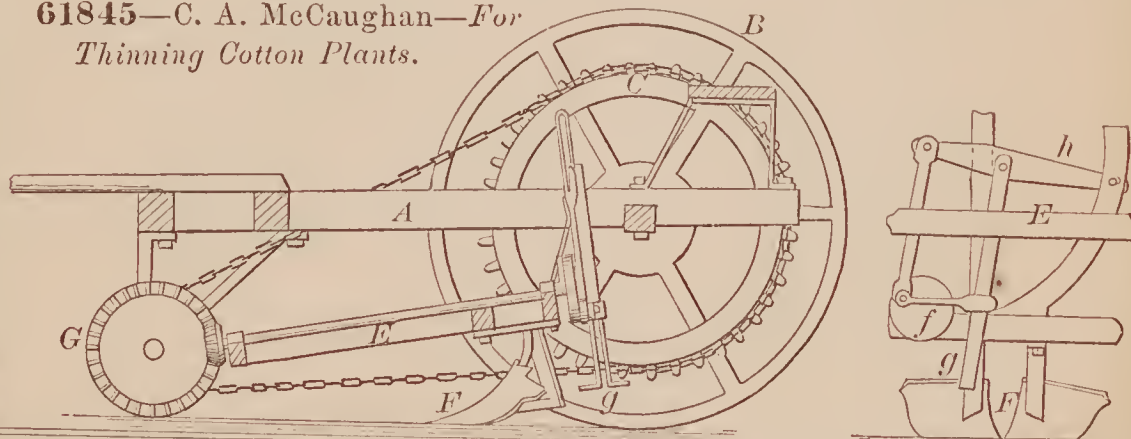
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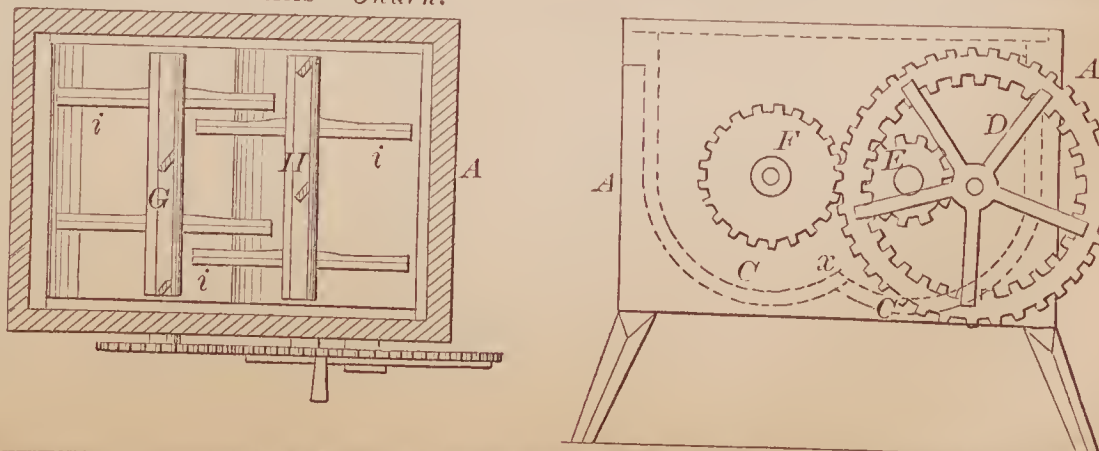
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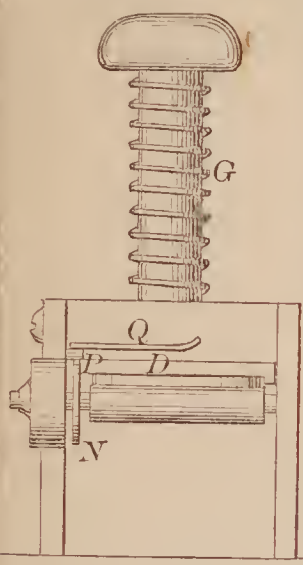
61845—C. A. McCaughan—*For
Thinning Cotton Plants.*



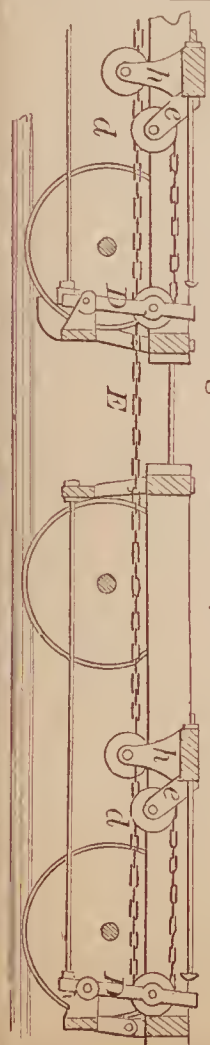
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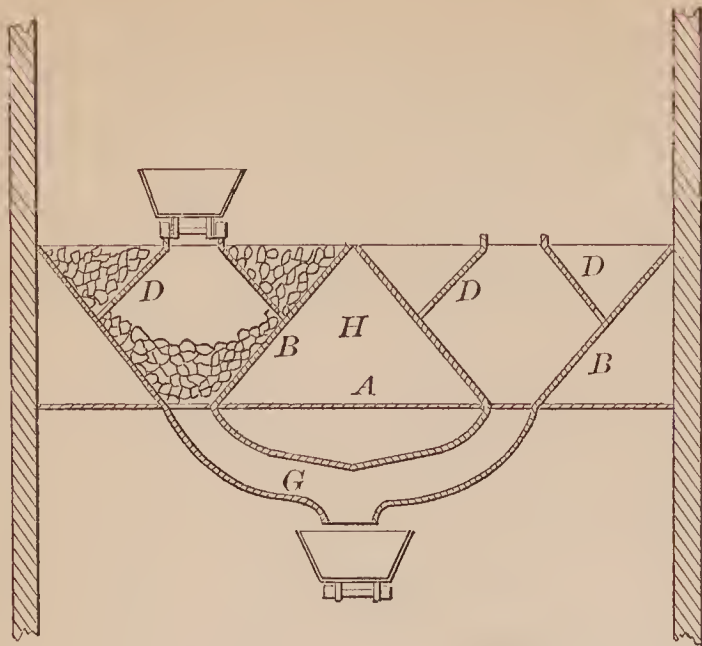
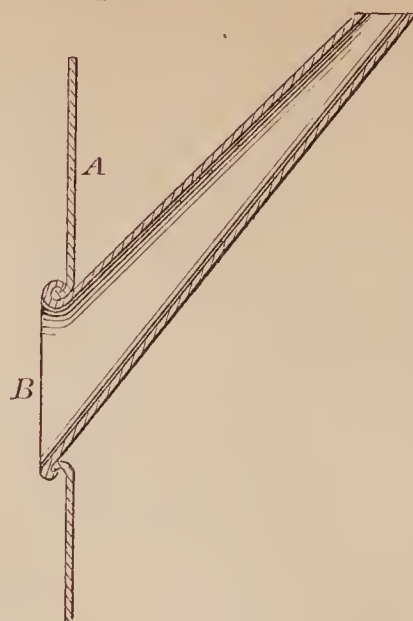
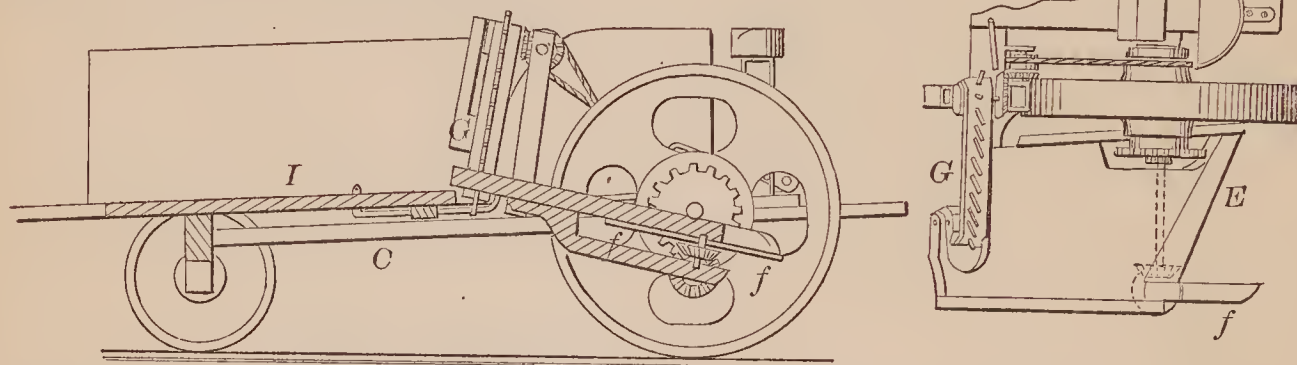
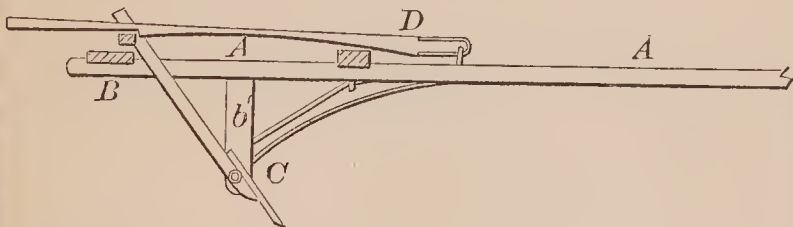
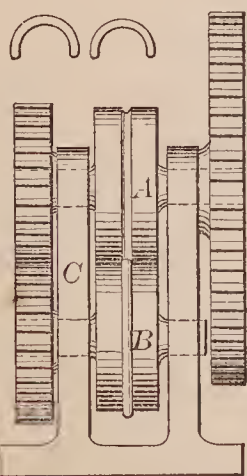
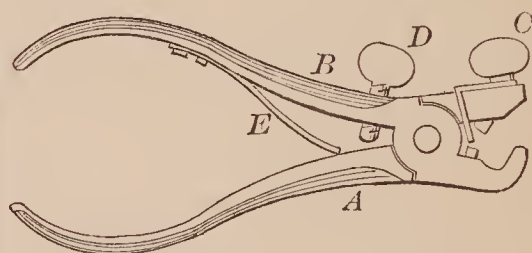
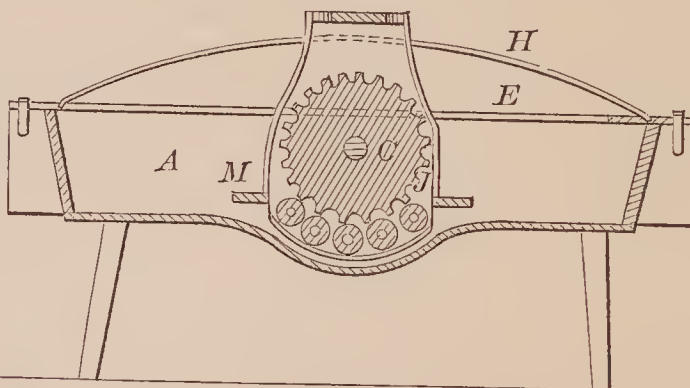
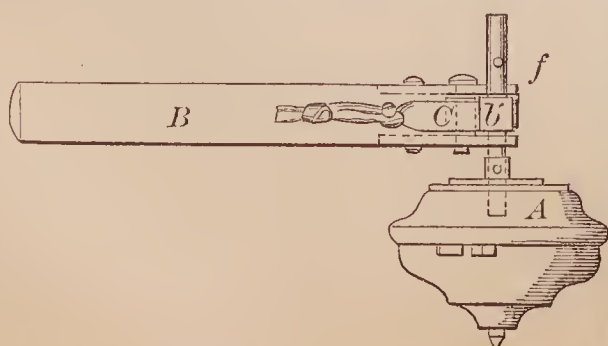
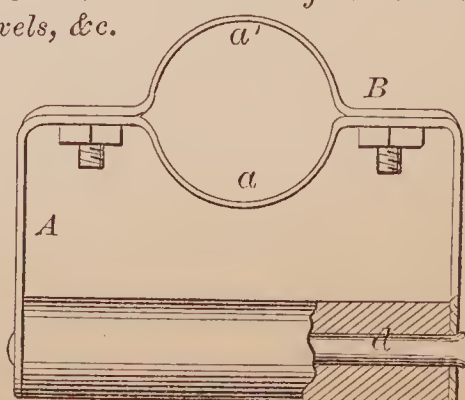


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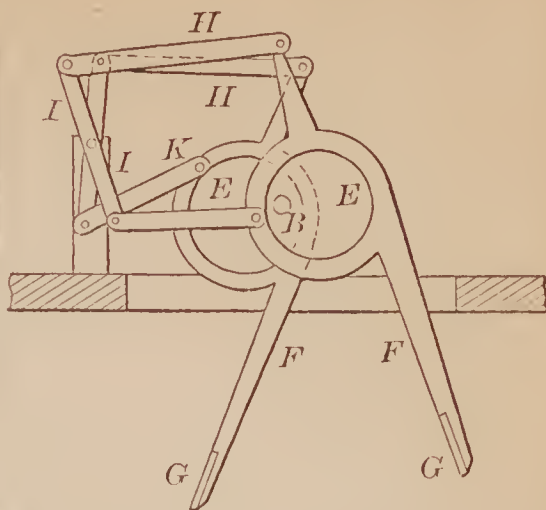


61844—S. McCambridge—*Car Brake.*

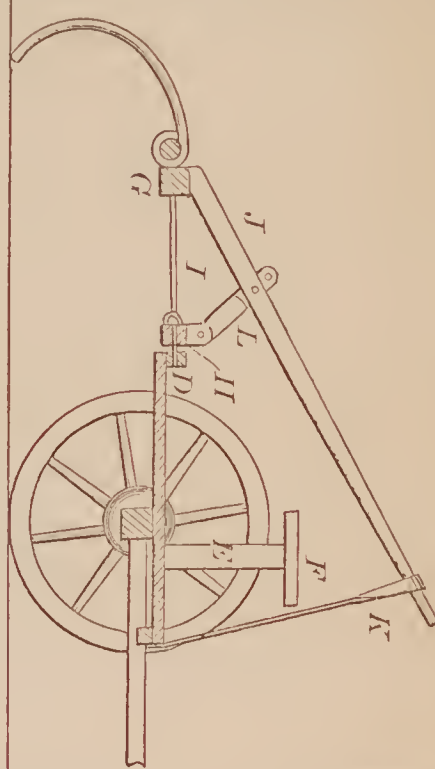


61851—W. Moller—*Cooling Animal Coal.*61853—W. A. Munn—*Attaching Spouts to Metal Vessels.*61852—A. Moravek—*Corn Harvester.*61854—I. Munson—*Scraper.*61855—W. Nash—*Saw Set.*61856—E. S. Nichols—*Hat Brim Spring.*61858—M. E. Parsons—*Washing Machine.*61857—C. Page—*Top Driver or Spinner.*61859—J. N. Pease—*Adjustable Handle for Shovels, &c.*

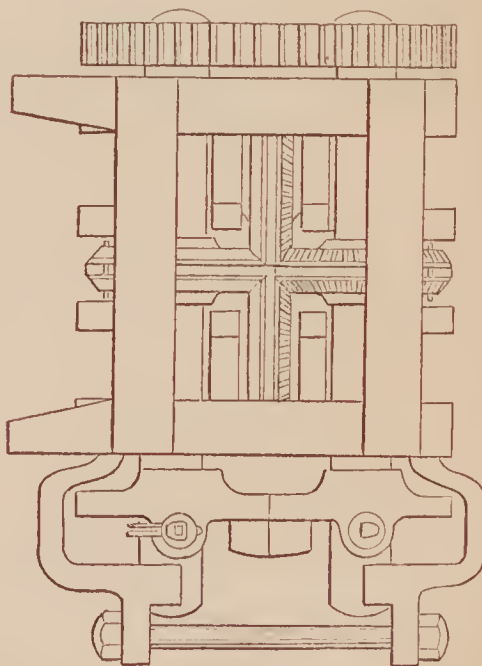
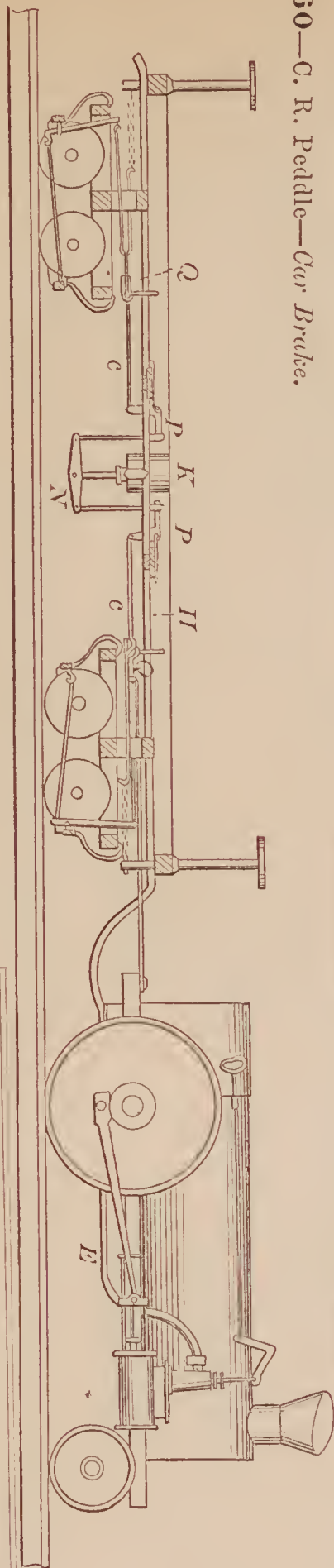
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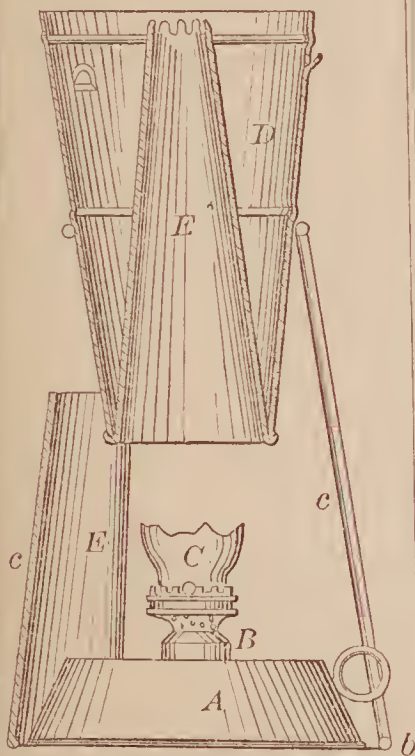
61862—0. Pier—Horse Pike.



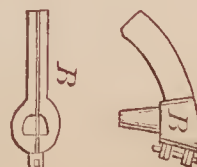
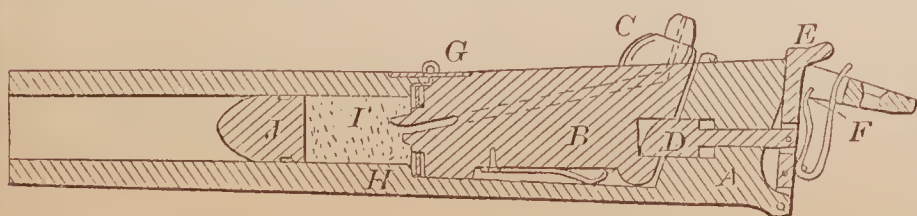
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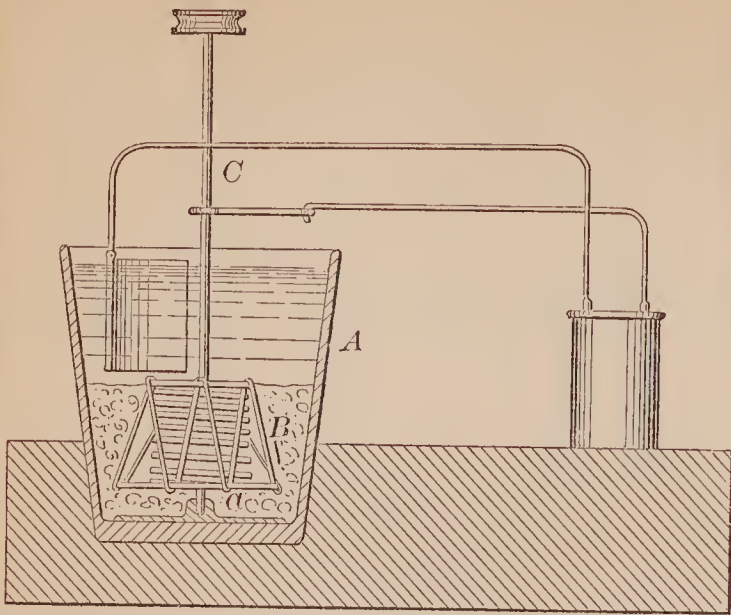
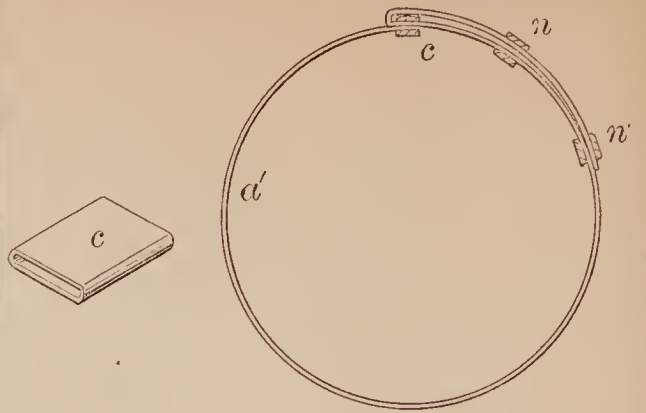
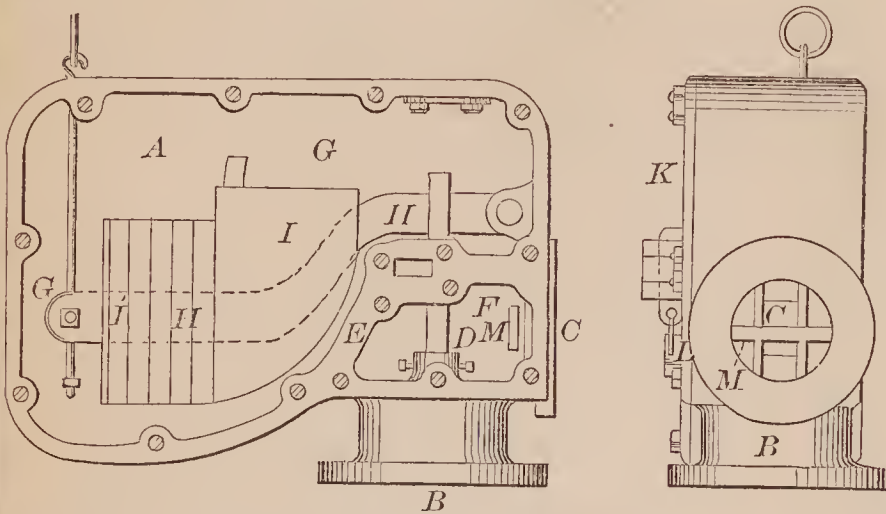
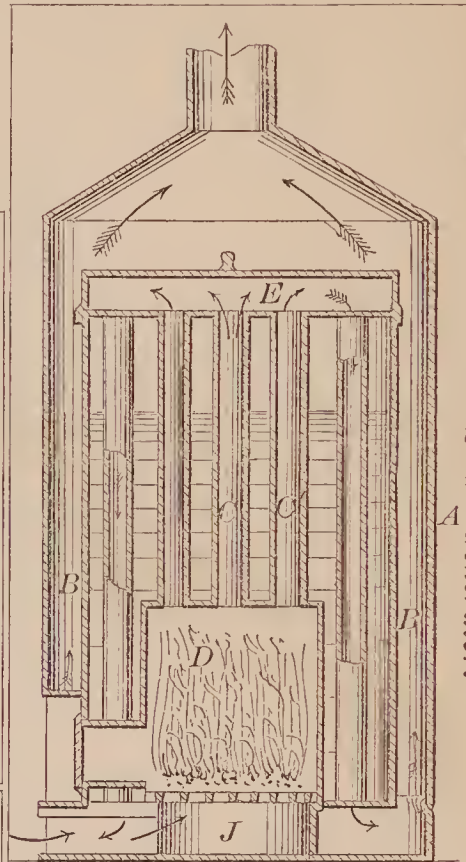
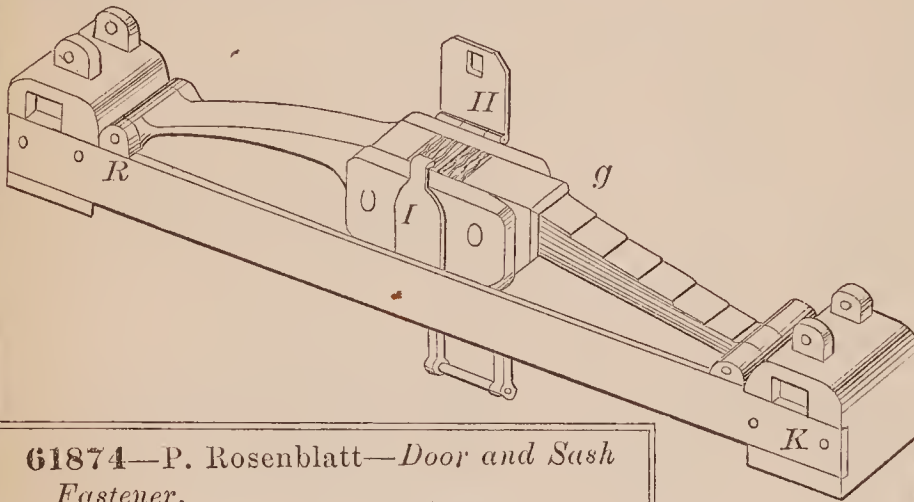
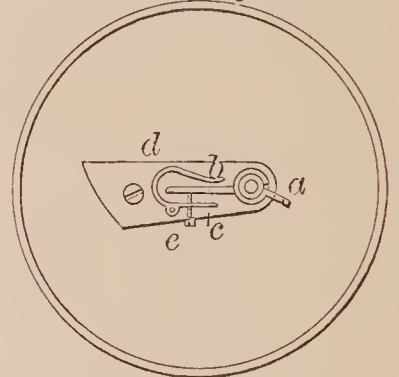
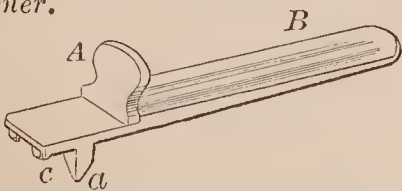
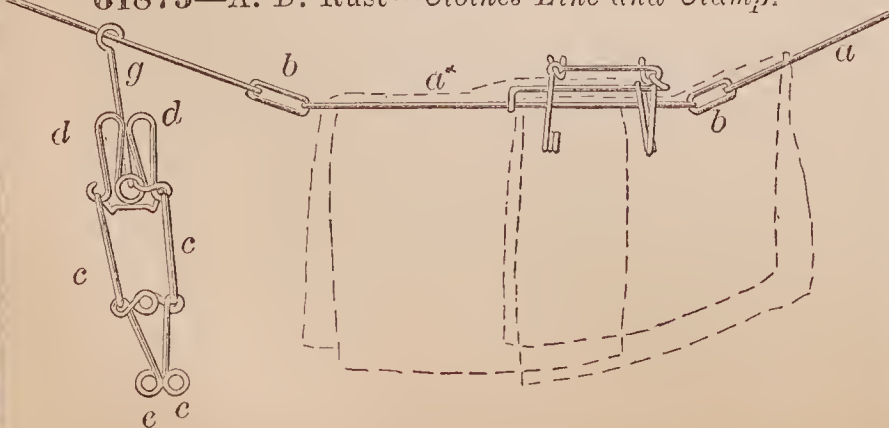
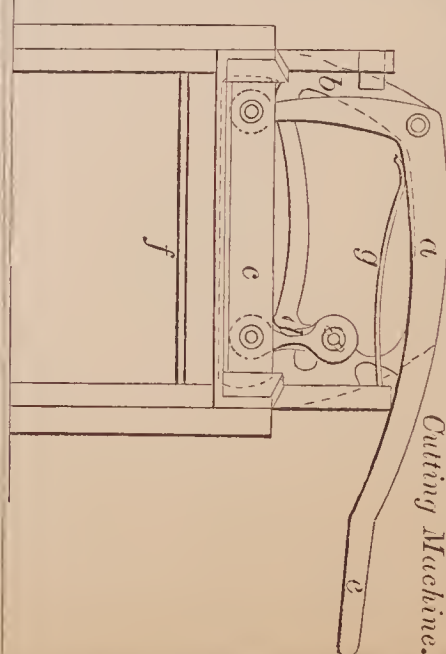
61860—C. R. Peddle—*Carr Brake*.

61863—L. A. Plumb—
Nurse Stove.

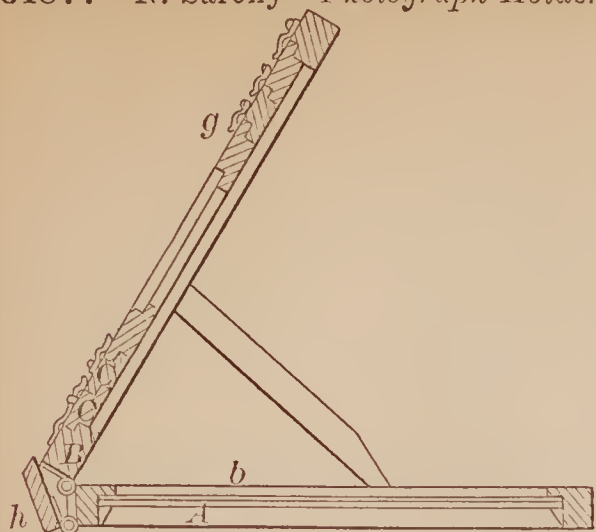


61865—J. W. Preston—*Breech-Loading Fire Arm.*

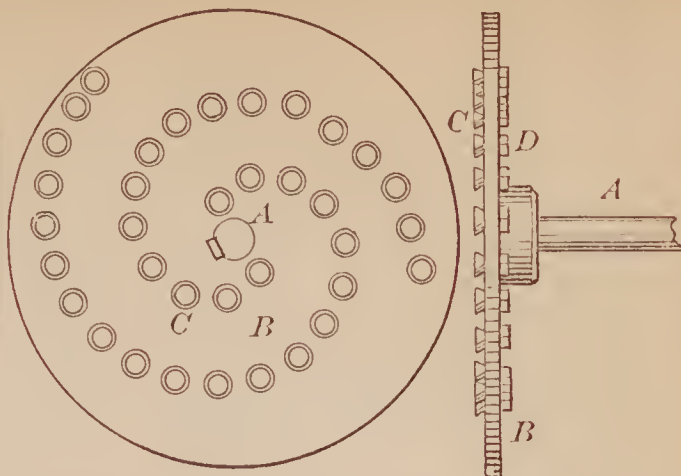


61866—J. H. Rae—*Treating Ores.*61868—J. Reese—*Bale Hoop Fastening.*61872—R. Robinson—*Lock-up Safety Valve.*61869—J. W. Reid—*Steam Generator.*61873—D. B. Rogers—*Car Truck.*61867—G. P. Reed—*Time Piece Regulator.*61874—P. Rosenblatt—*Door and Sash Fastener.*61875—A. D. Rust—*Clothes Line and Clamp.*61871—D. T. Robinson—*Straw and Hay Cutting Machine.*

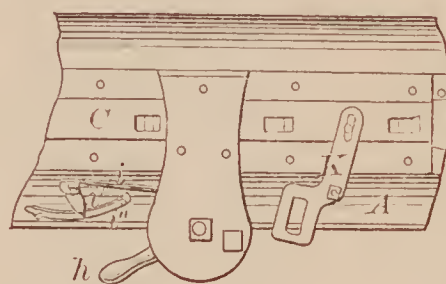
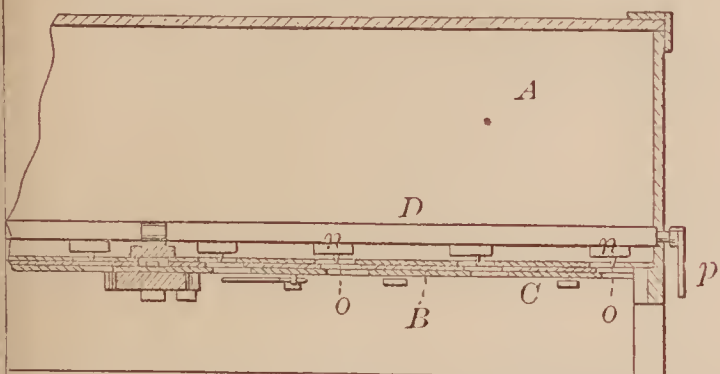
61877—N. Sarony—*Photograph Holder.*



61884—A. Smith—*For Cutting Cracklings.*



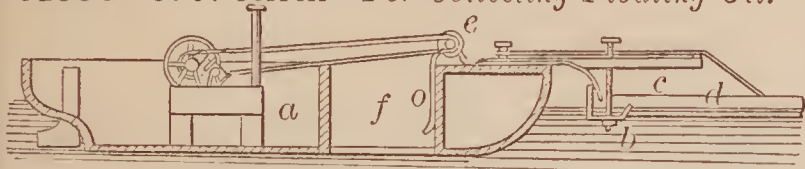
61879—P. & P. J. Schmitt—*Grain Drill.*



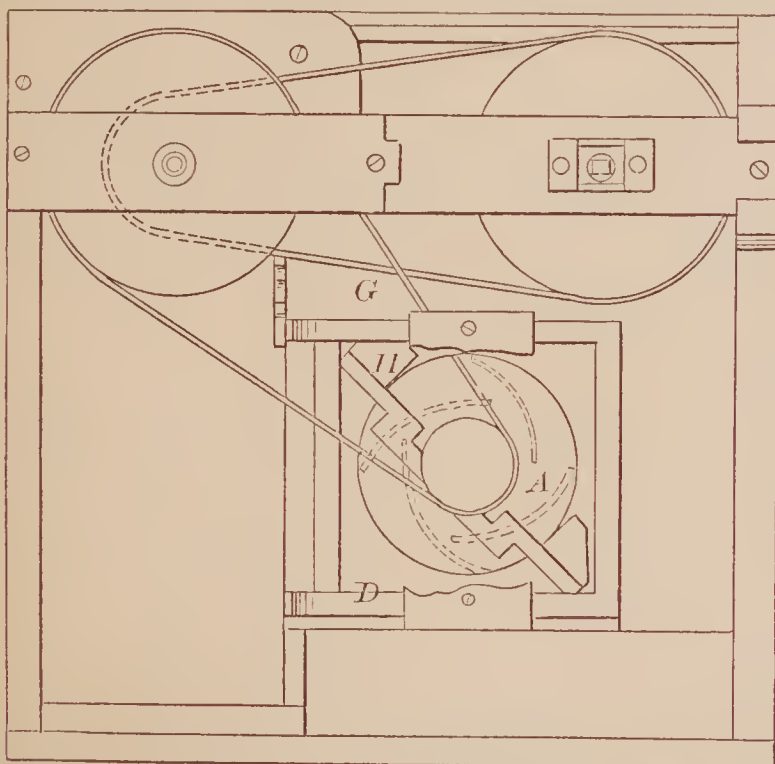
61878—J. Scanlan—*Felt Roofing.*



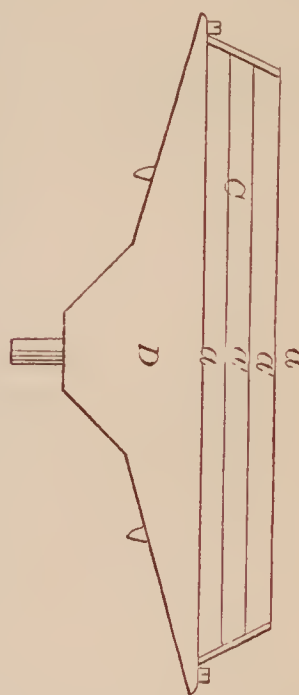
61880—J. J. Serrell—*For Collecting Floating Oil.*



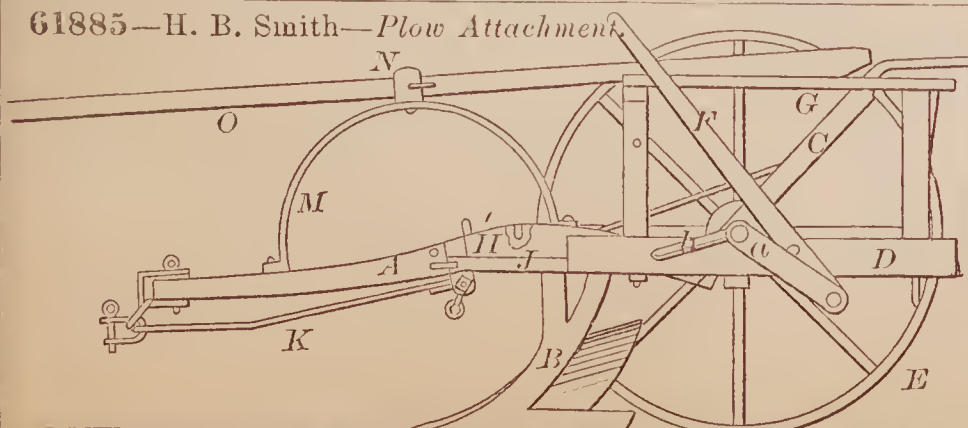
61882—Z. B. Shannon—*Rotary Pump.*



61881—Seward & Smith—*Steam Generator.*

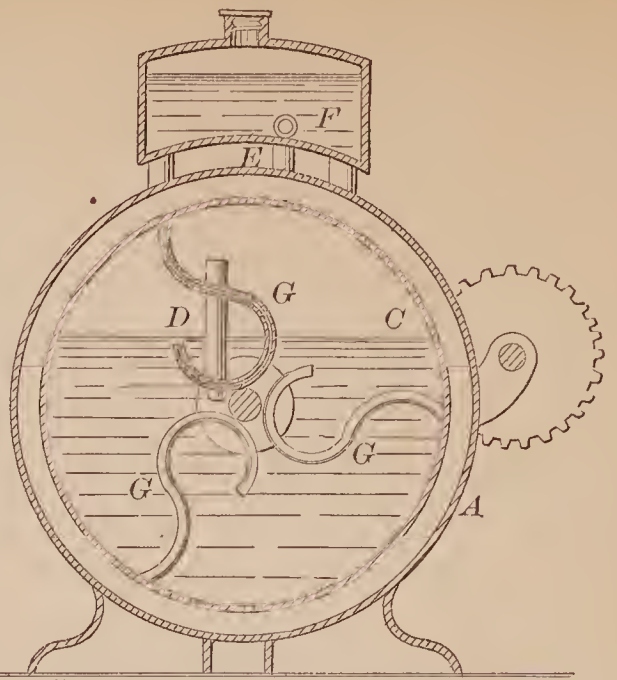
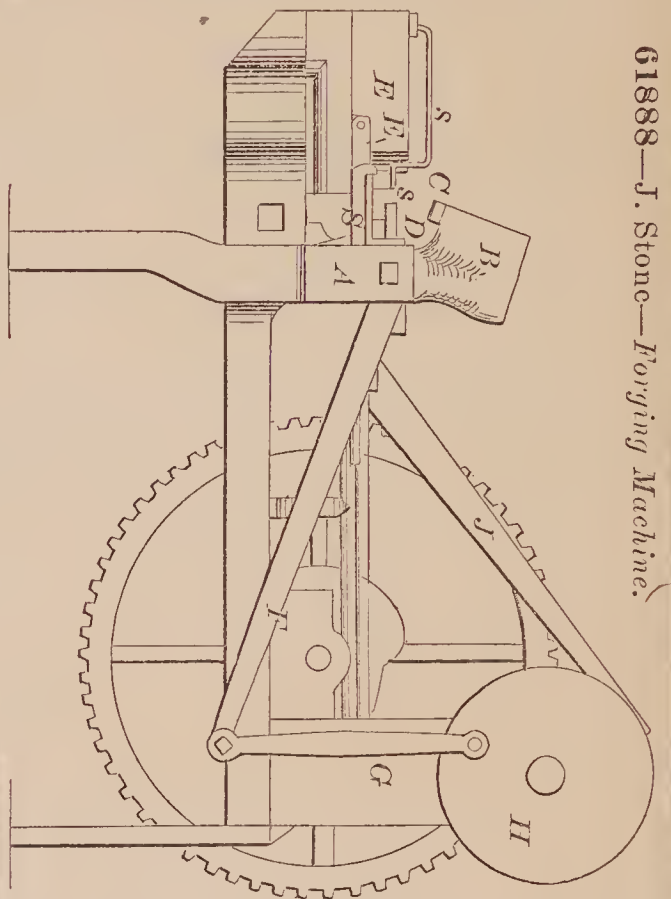
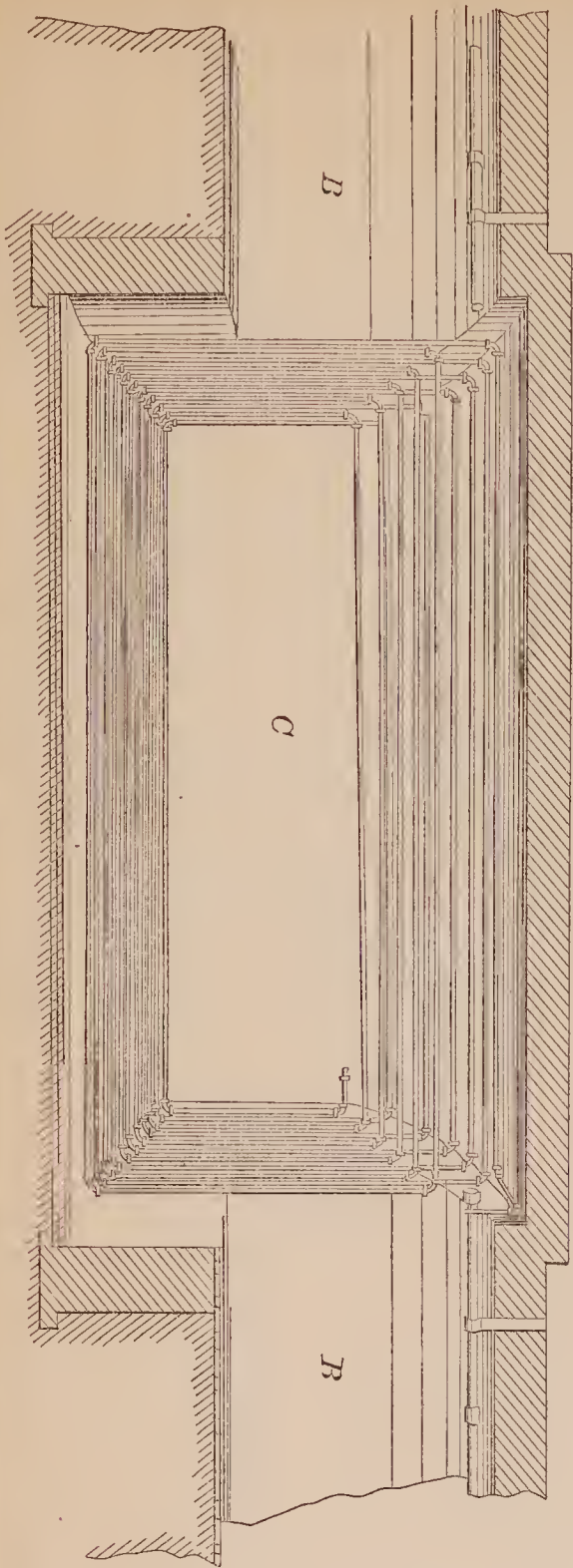
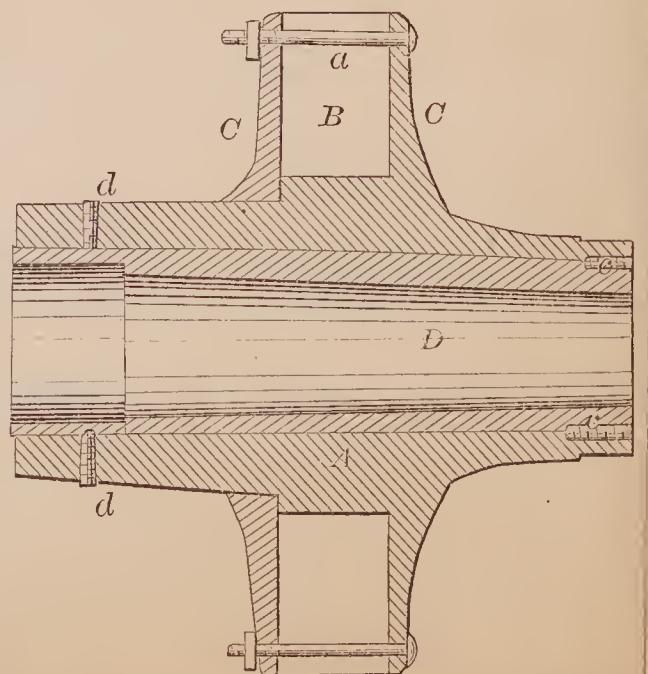
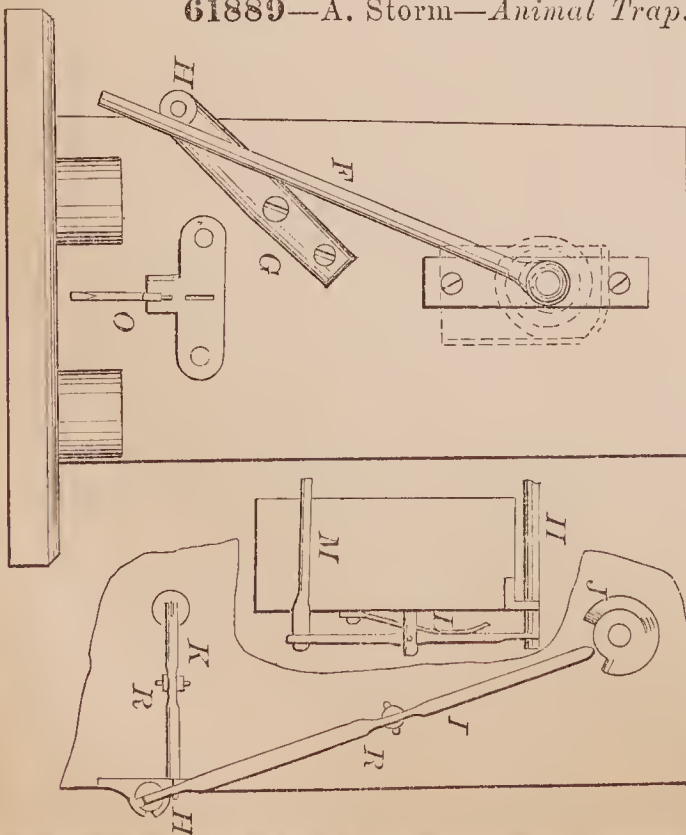


61885—H. B. Smith—*Plow Attachment.*

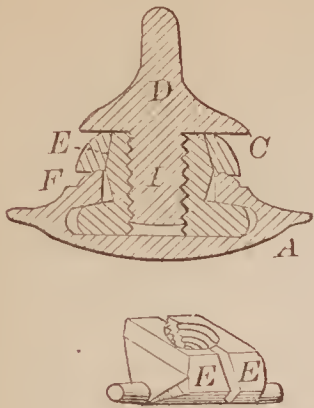


61883—I. M. Singer—*Carriage Guard.*

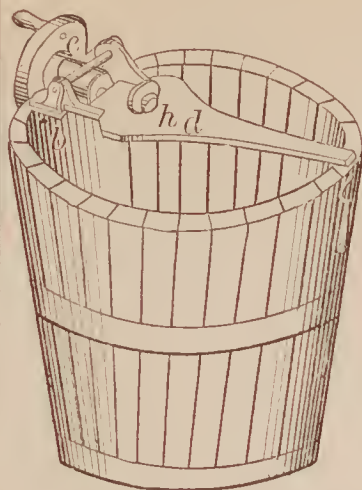


61887—J. F. Spence—*Gas Apparatus.*61888—J. Stone—*Forging Machine.*61886—D. E. Some—*Moistening, Cooling and Warming Air.*61890—J. B. Stuart—*Securing Boxes in Metallic Hubs.*61889—A. Storm—*Animal Trap.*

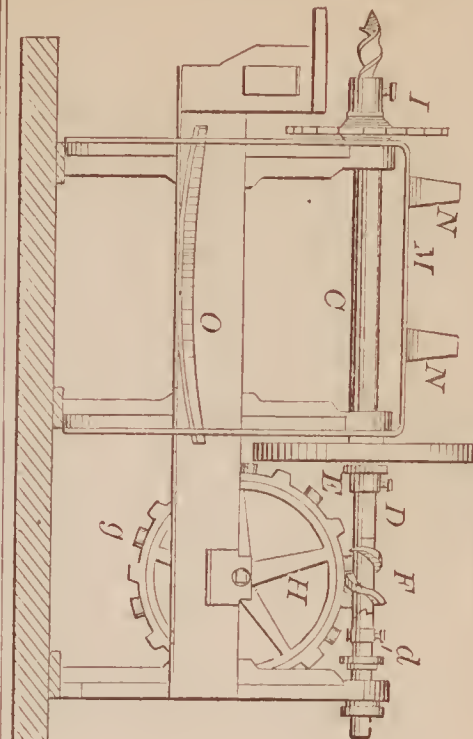
61891—C. M. Sturgess—*Harness Tree.*



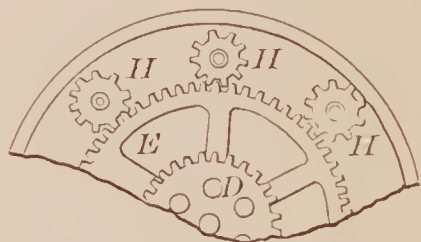
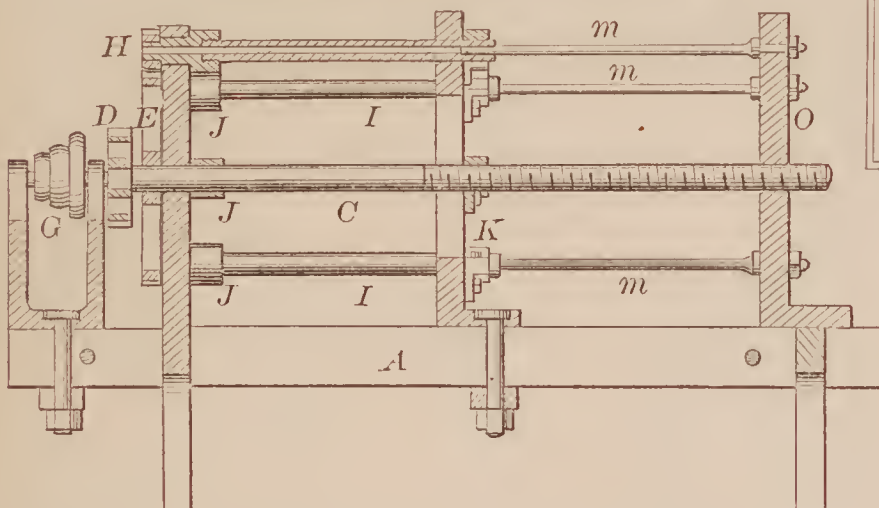
61895—E. S. Torrey—*Cream Freezer.*



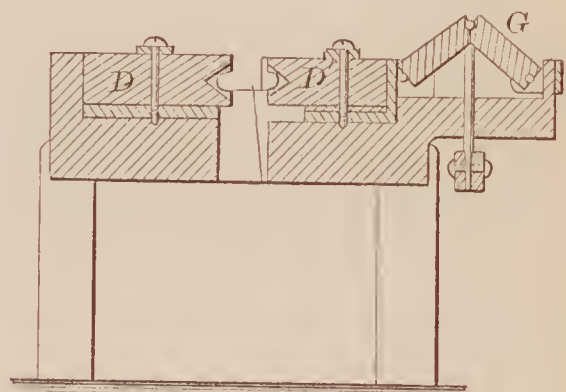
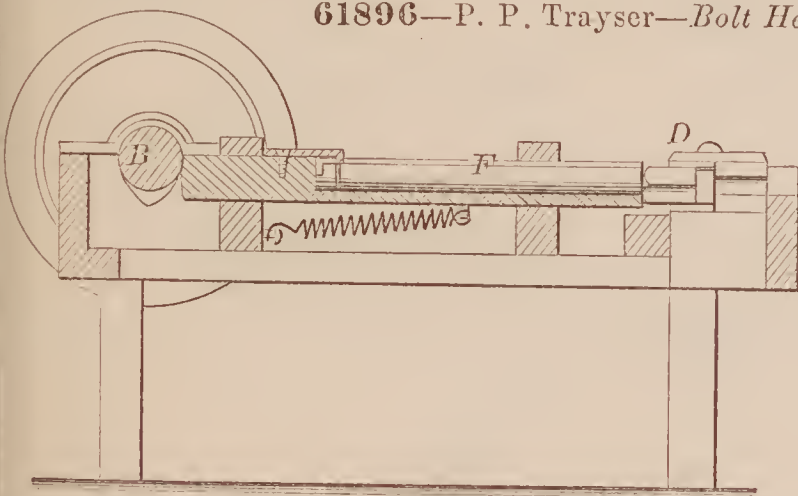
61893—J. B. Sweetland—*Sawing Machine.*



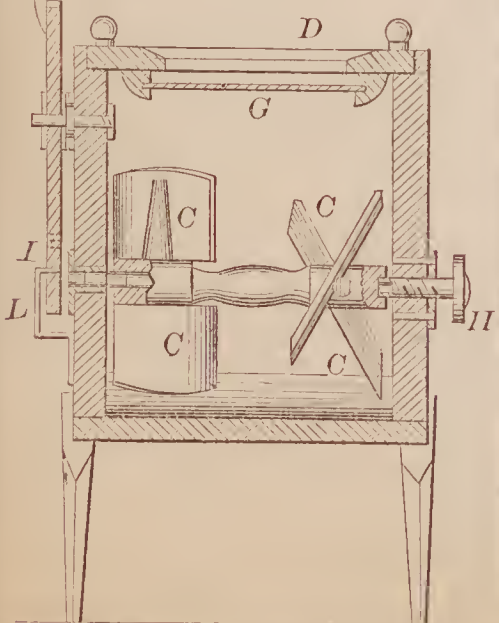
61894—J. A. Thomas—*Metal Tube Polishing Machine.*



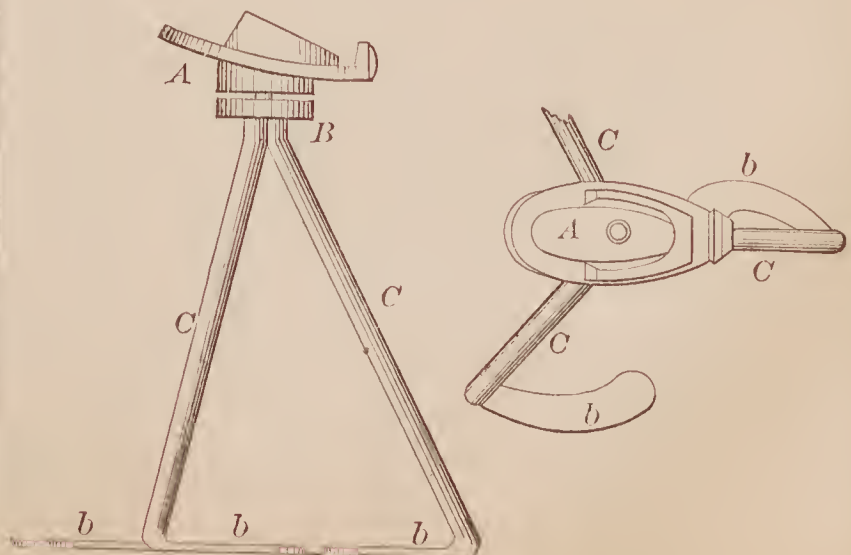
61896—P. P. Trayser—*Bolt Heading Machine.*



61892—J. B. Sweetland—*Churn.*



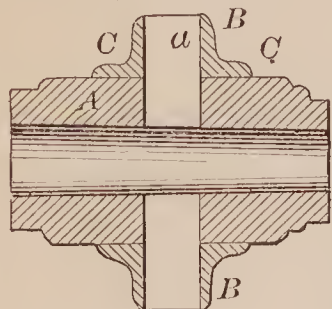
61897—J. E. Tucker—*Horse Foot Rest.*



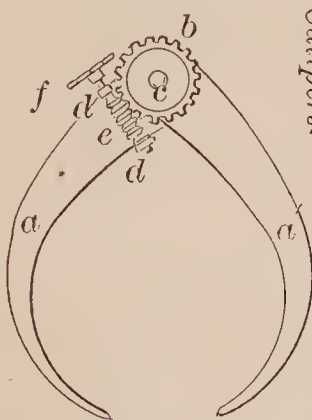
61899—J. C. Wands—
Roofing.



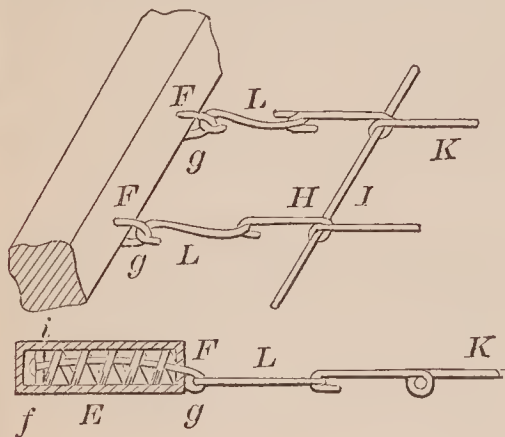
61900—A. Warner—
Carriage Wheel Hub.



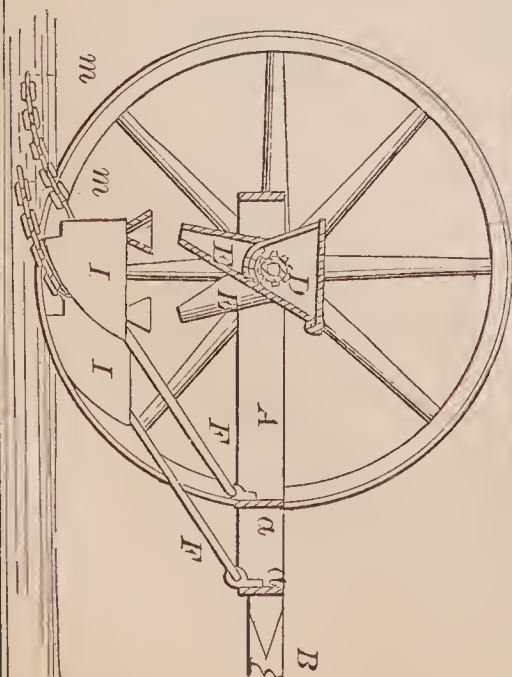
61902—A. V. D. Westervelt—
Culipers.



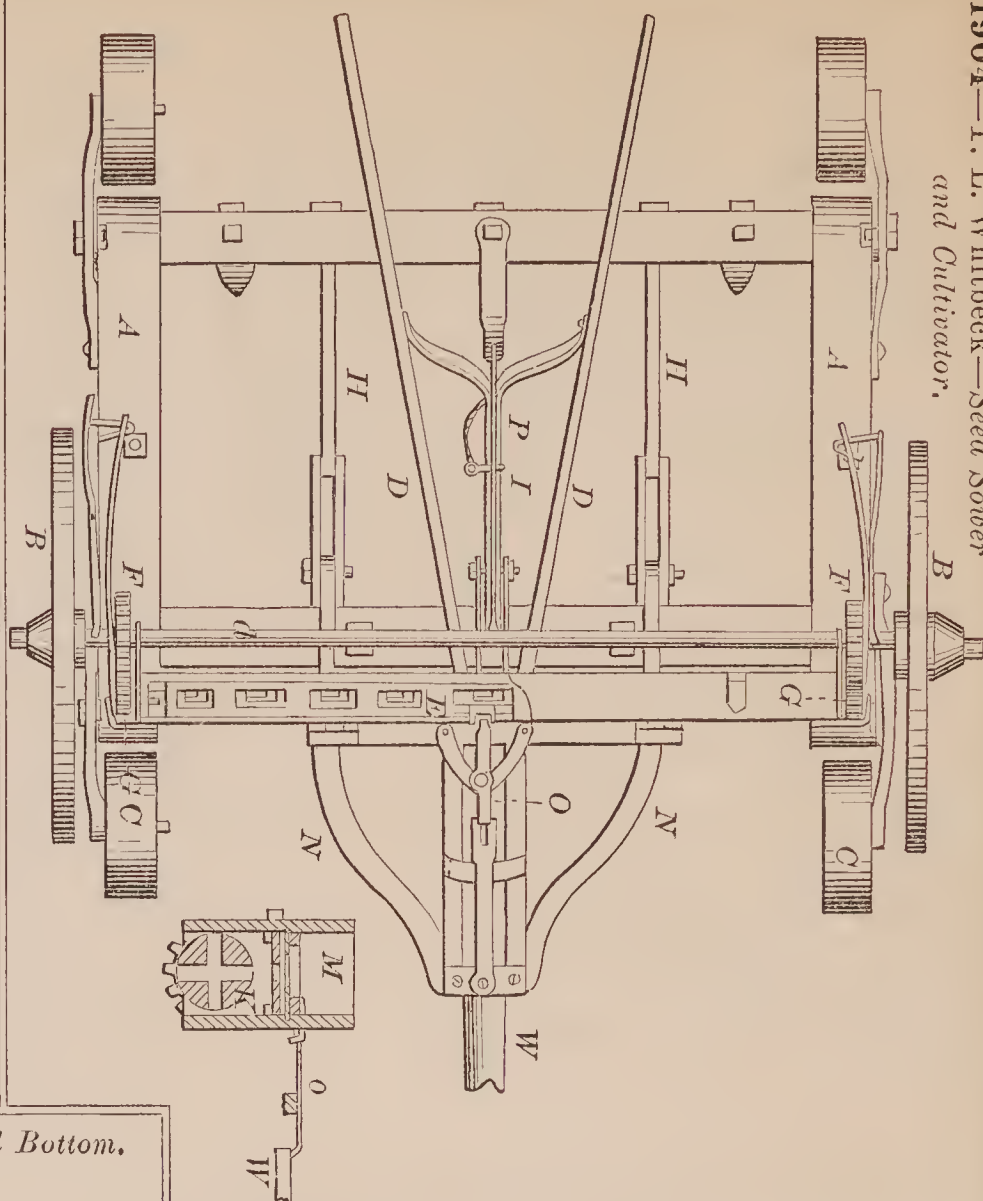
61901—W. Weaver—*Bed Bottom.*



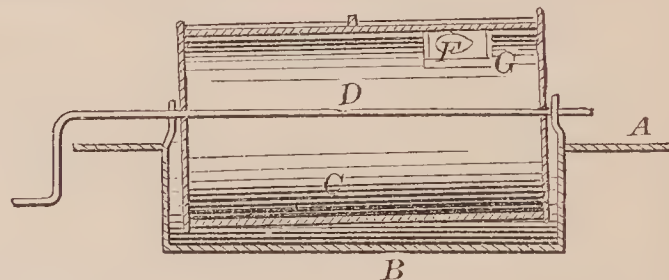
61903—Wheeler & Tuttle—
Grain Drill.



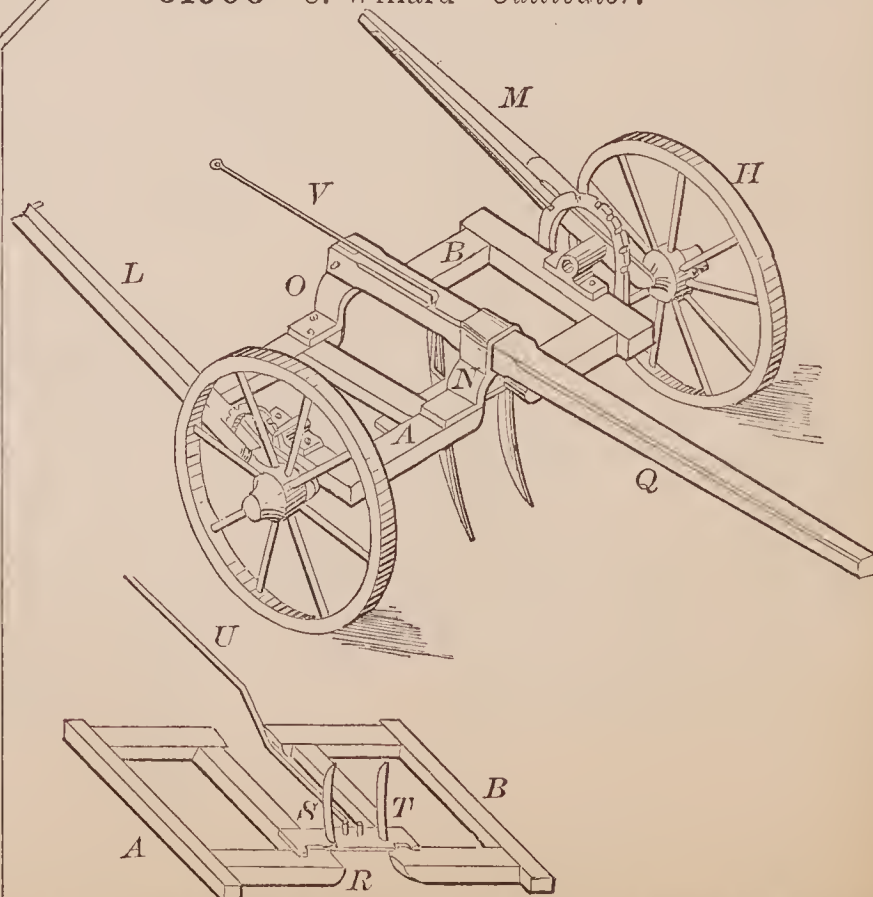
61904—T. L. Whitbeck—*Seed Sower
and Cultivator.*



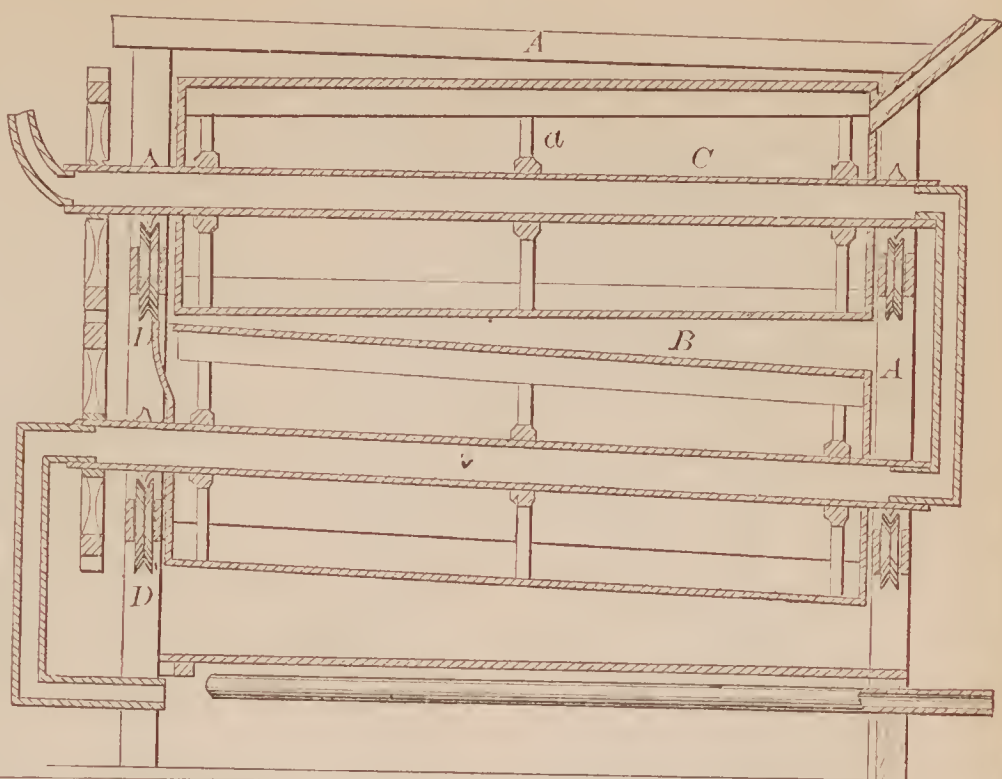
61905—N. L. Whitney—*Coffee Roaster.*



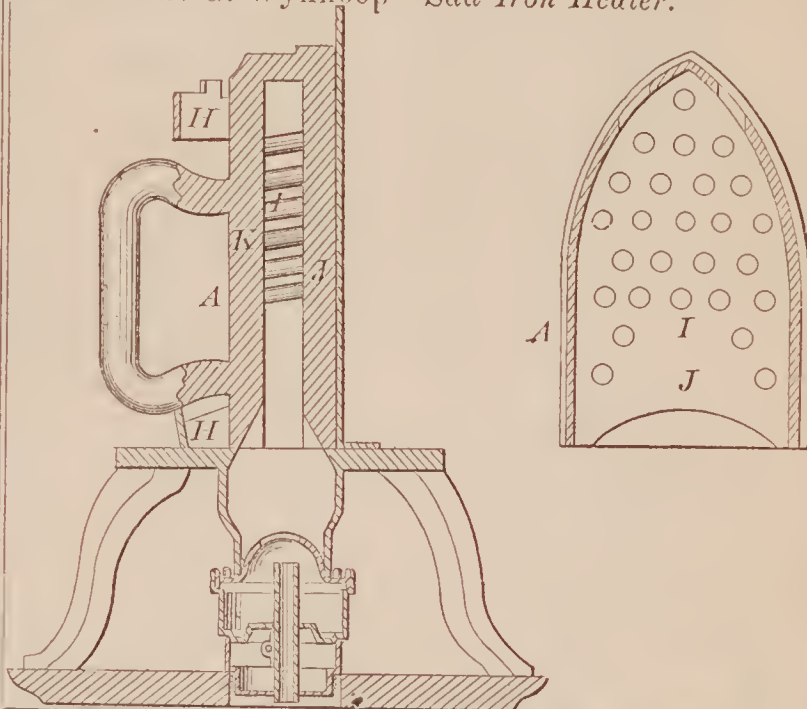
61906—C. Willard—*Cultivator.*



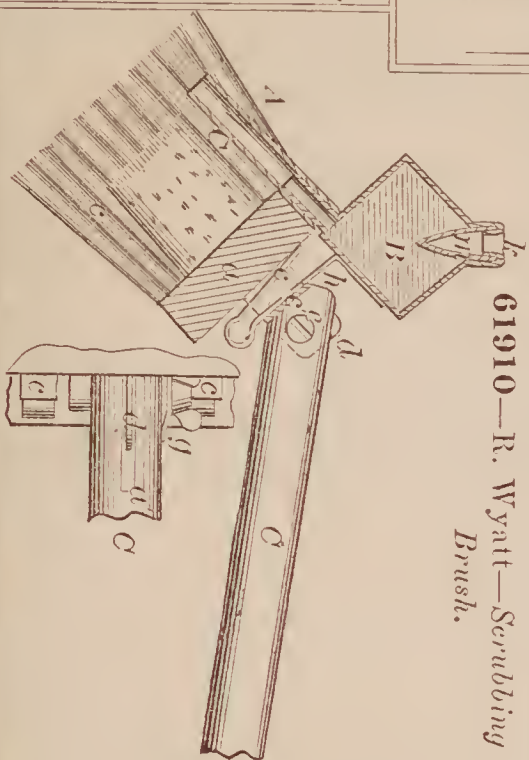
61909—M. H. Wright—*Grain Dryer.*



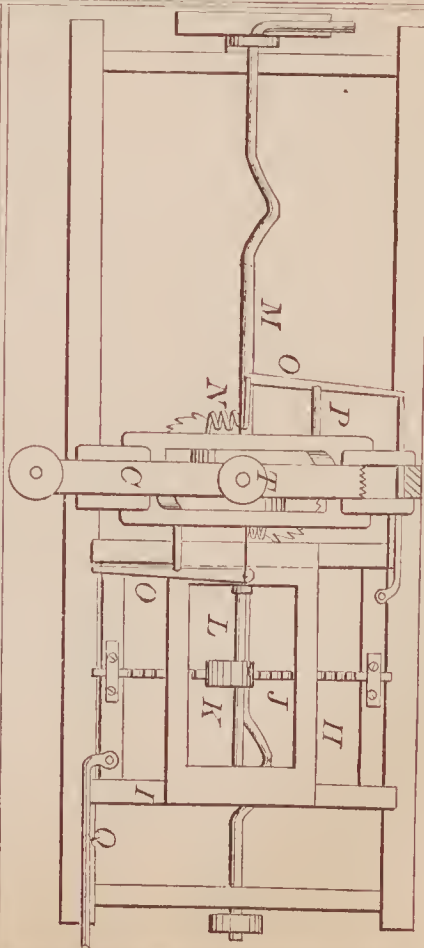
61911—F. G. Wynkoop—*Sad Iron Heater.*



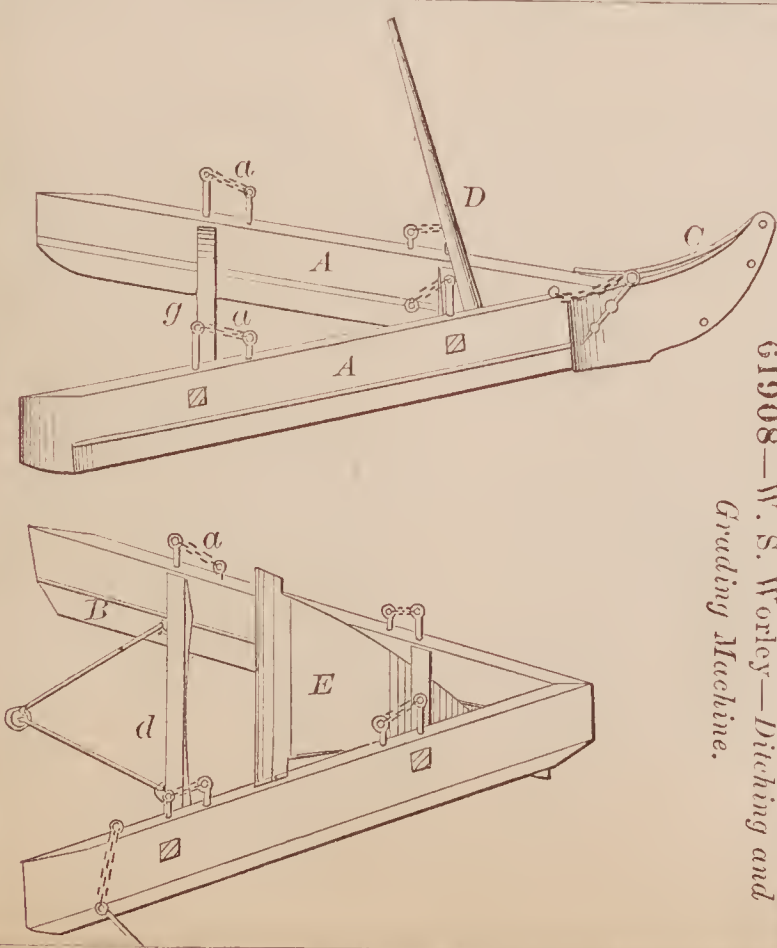
61910—R. Wyatt—*Scrubbing Brush.*



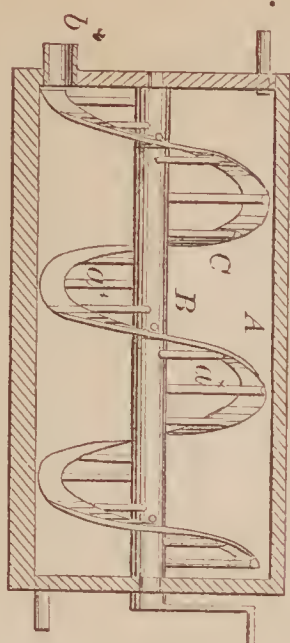
61912—W. Yaman—*Saw Mill.*

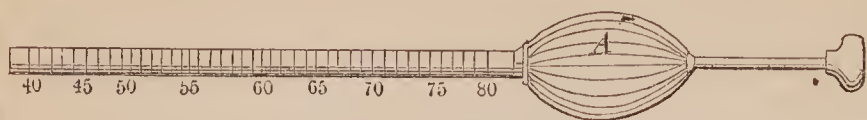
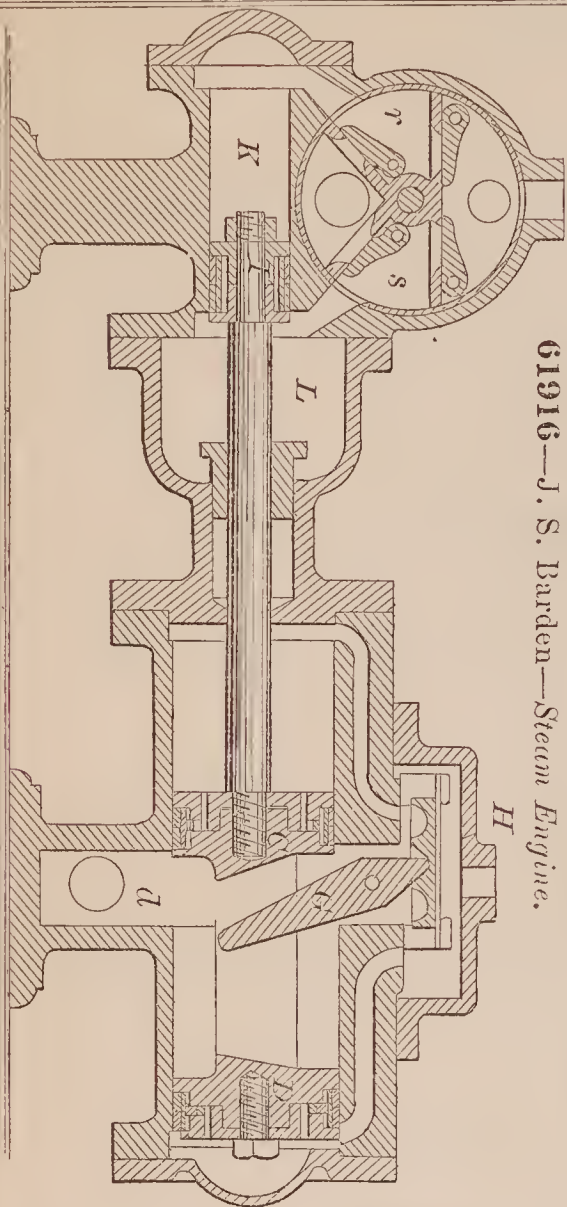
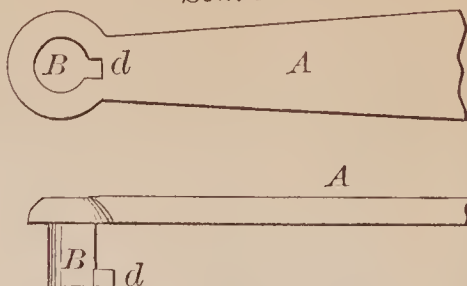
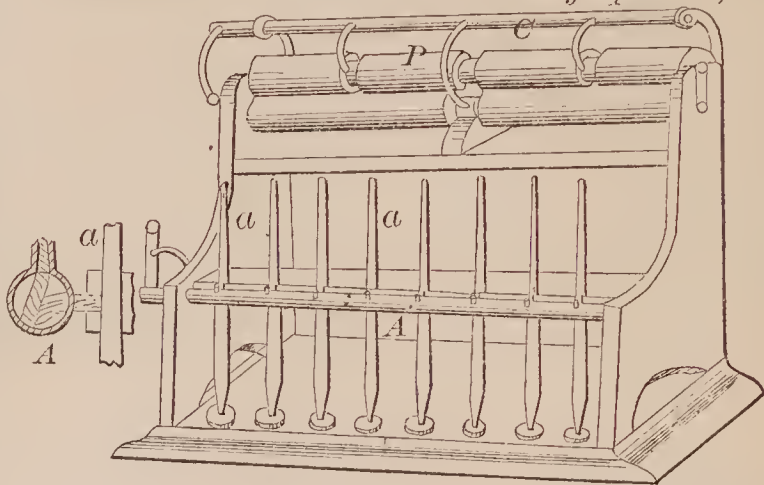
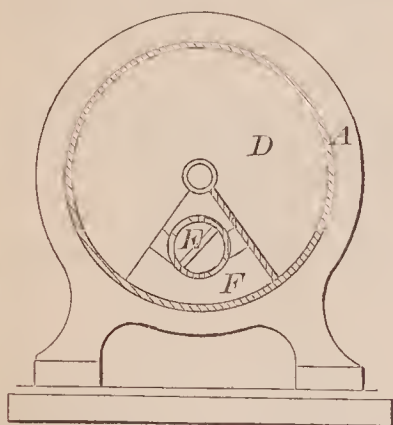
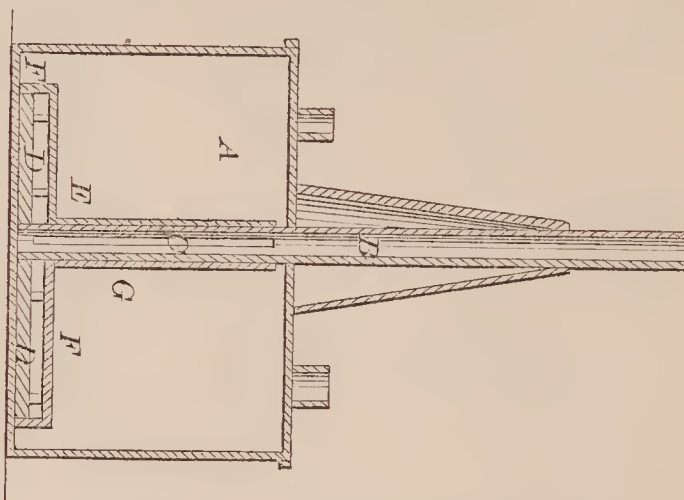
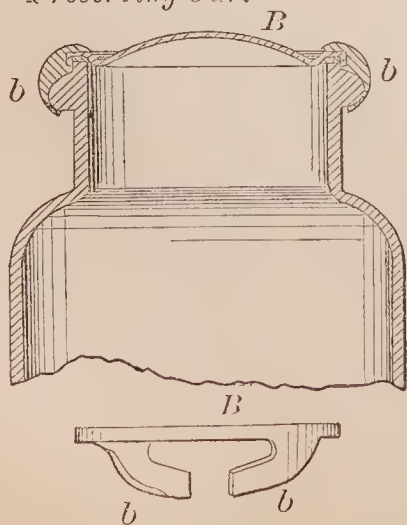
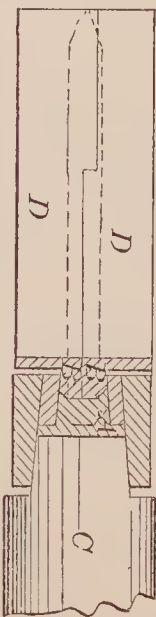
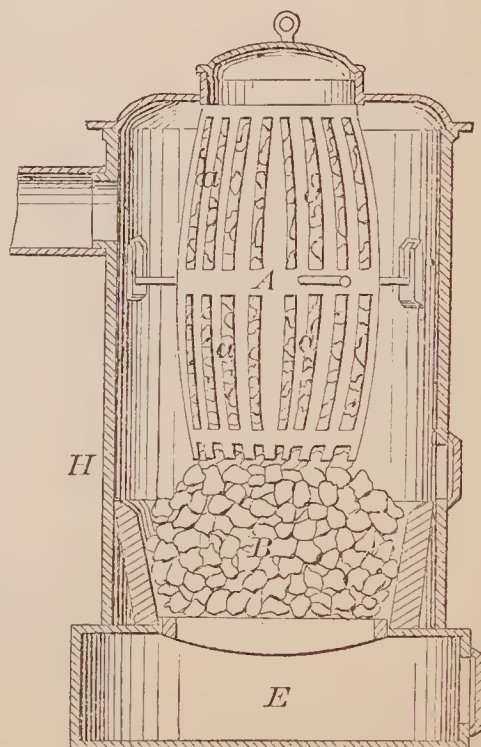


61908—W. S. Worley—*Ditching and Grading Machine.*

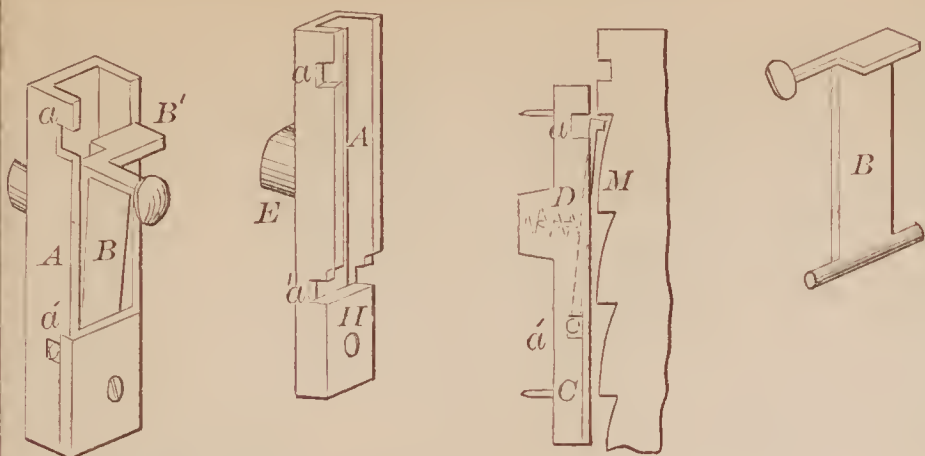


61907—G. B. Williams—*For Stirring and Cooling*
Lard.

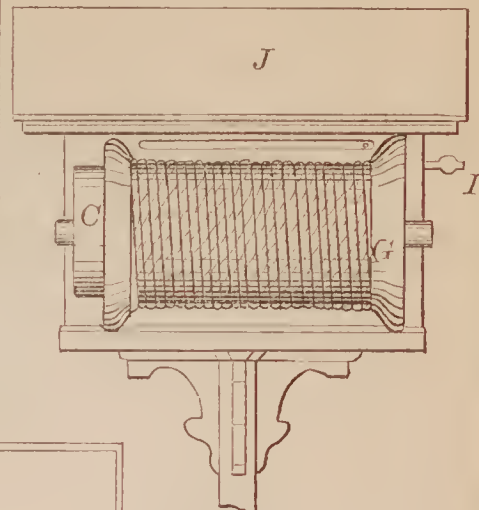


61913—Johnson & Steuernagel—*Spirit Meter.***61914**—A. L. Babcock—*Car Seat Arm.***61916**—J. S. Barden—*Steam Engine.***61915**—S. H. Barber—*For Oiling Spindles, &c.***61918**—W. W. Bierce—*For Carburetting Gas.***61919**—G. W. Bigelow—*Blower.***61921**—J. Borden—*Cap for Preserving Jar.***61920**—R. Blackwood—*Die for Forming Spike Heads.***61922**—A. Brown—*Coal Stove.*

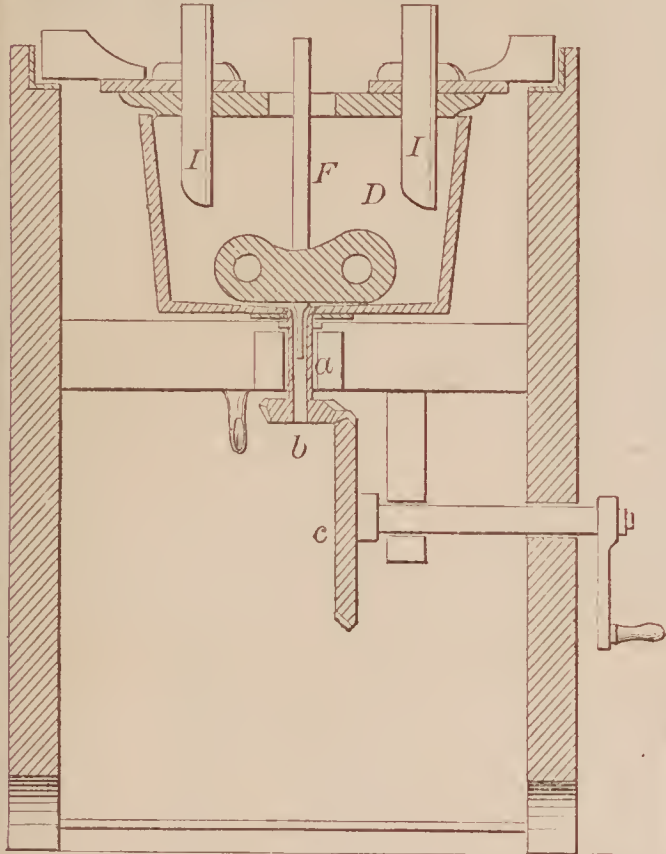
61923—R. F. Brown—*Sash Spring Holder.*



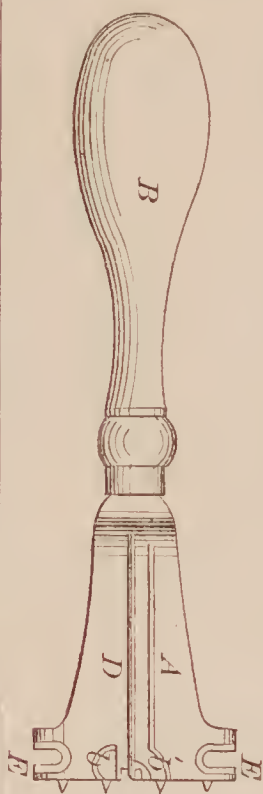
61924—Card & Sallee—*Clothes Line Reel and House.*



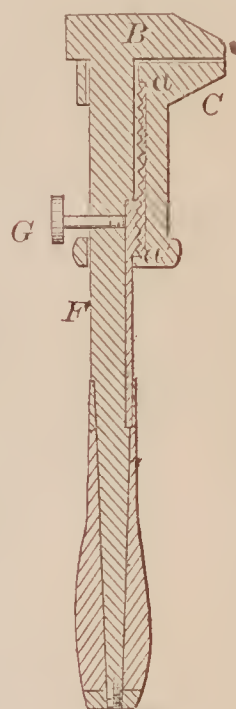
61925—W. L. Card—*Churn.*



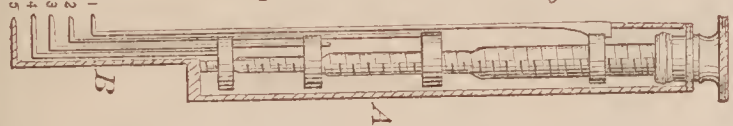
61928—G. O. Dunlap—*Carpet Stretcher.*



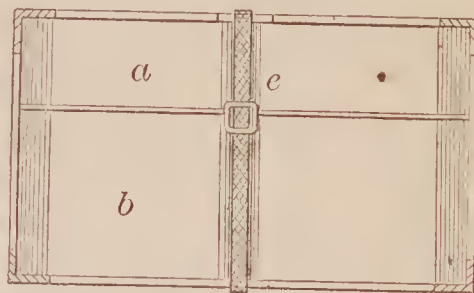
61929—T. Earle—*Wrench.*



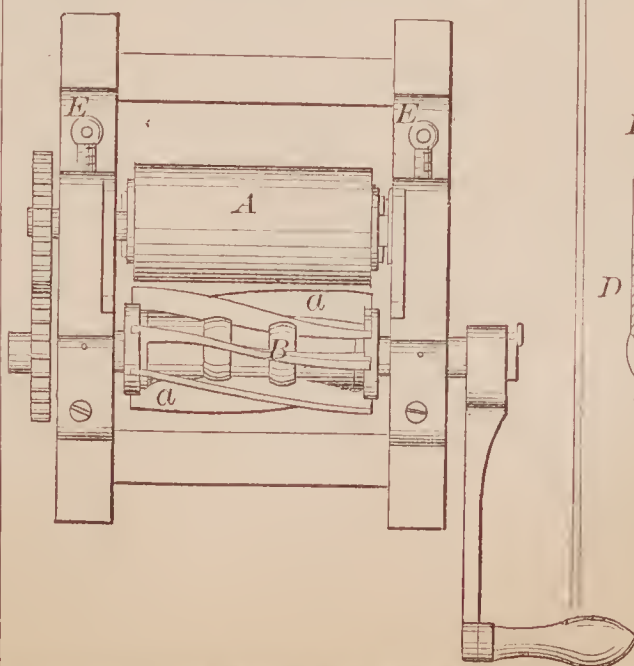
61926—J. S. Copeland—*Screw Gauge.*



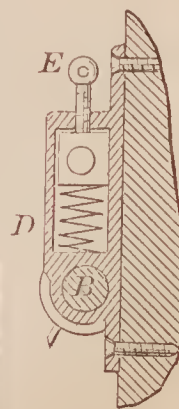
61927—E. Curtice—*Hymn and Tune Book.*



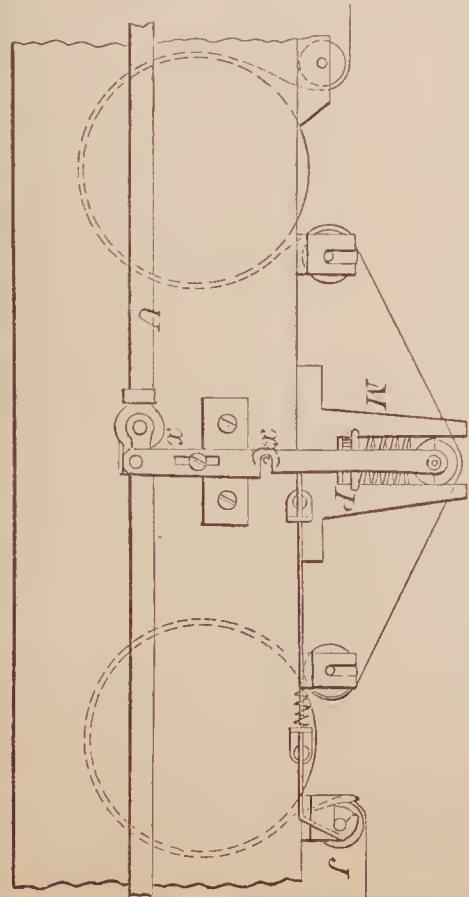
61932—W. Gale—*Straw Cutter.*

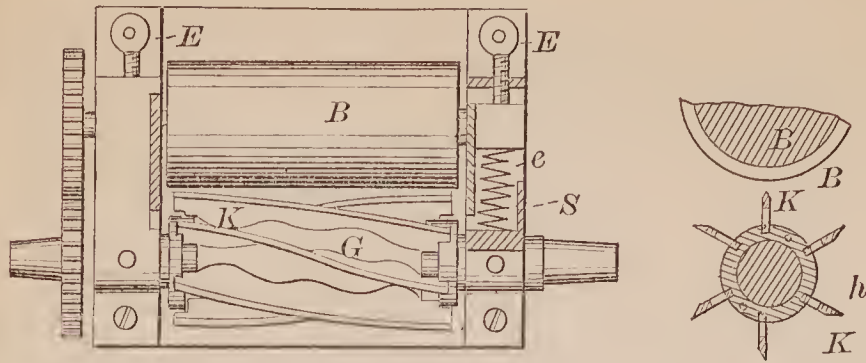
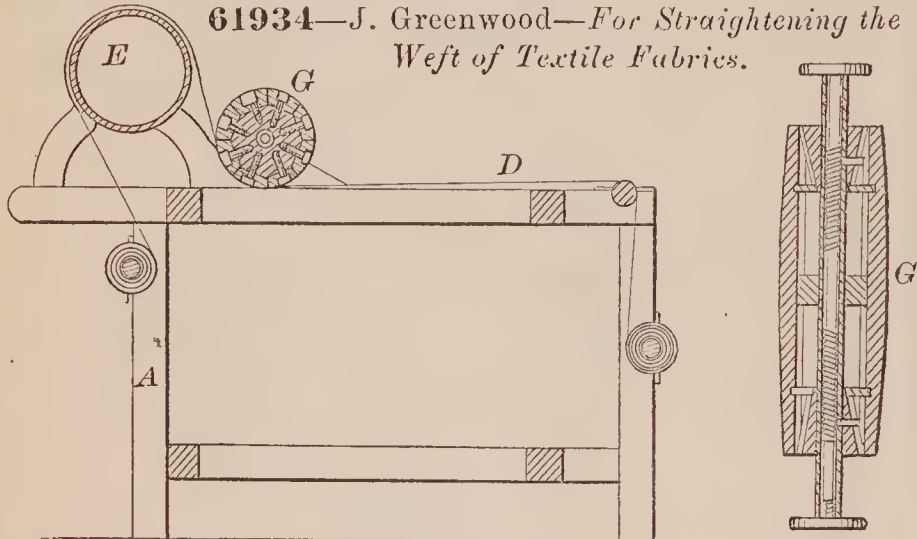
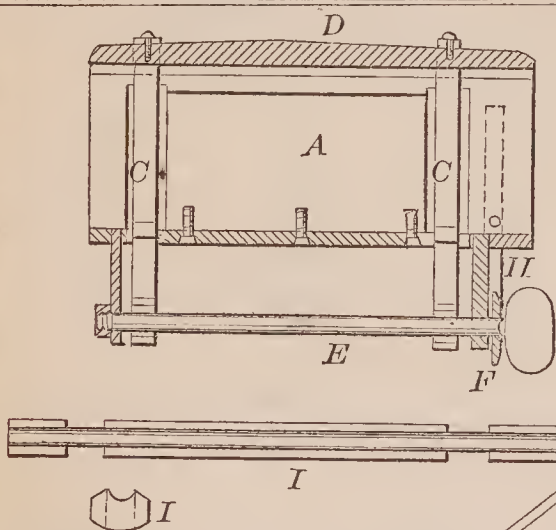
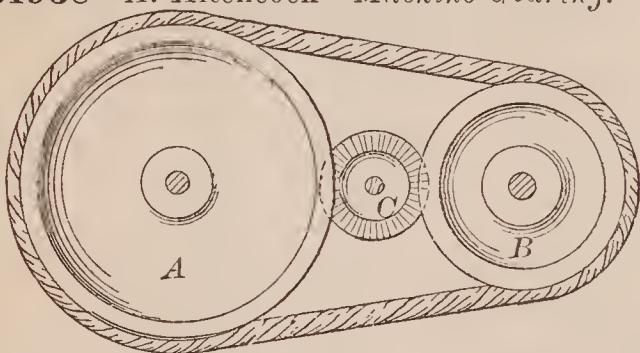
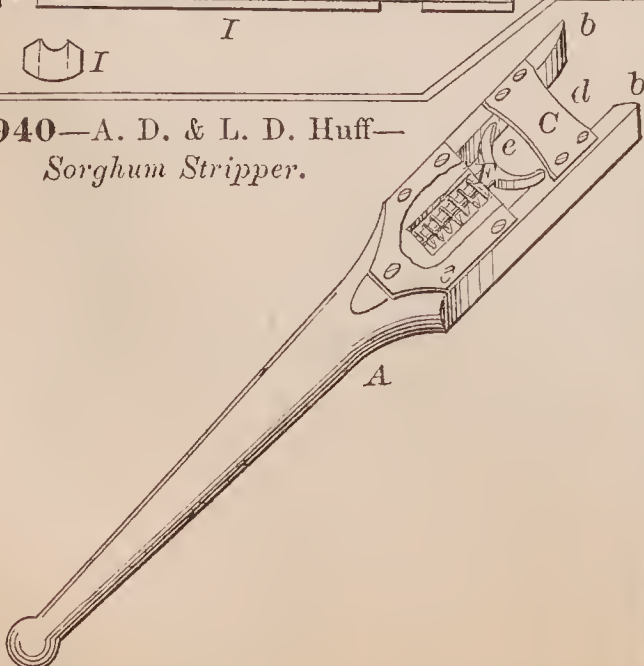


61933—W. Gale—*Straw Cutter.*

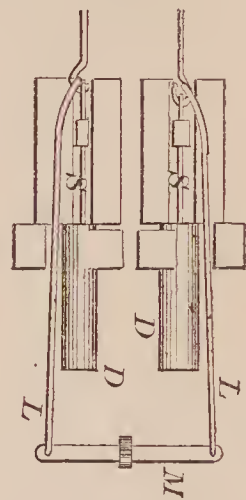
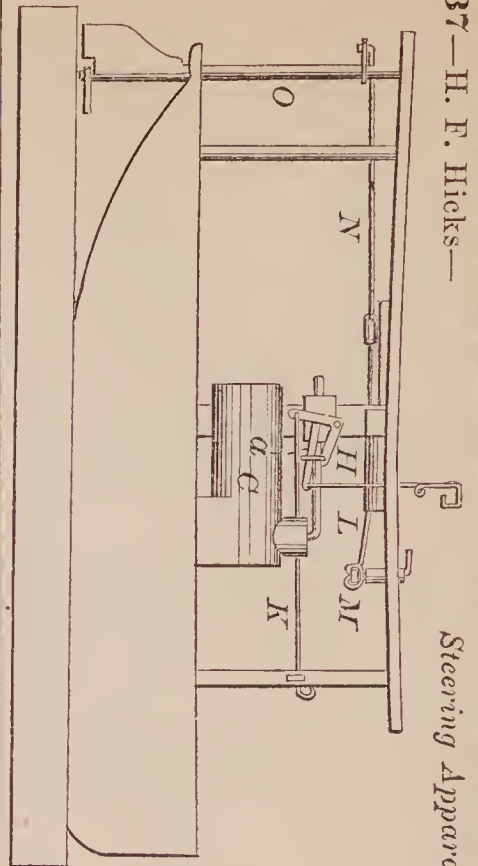
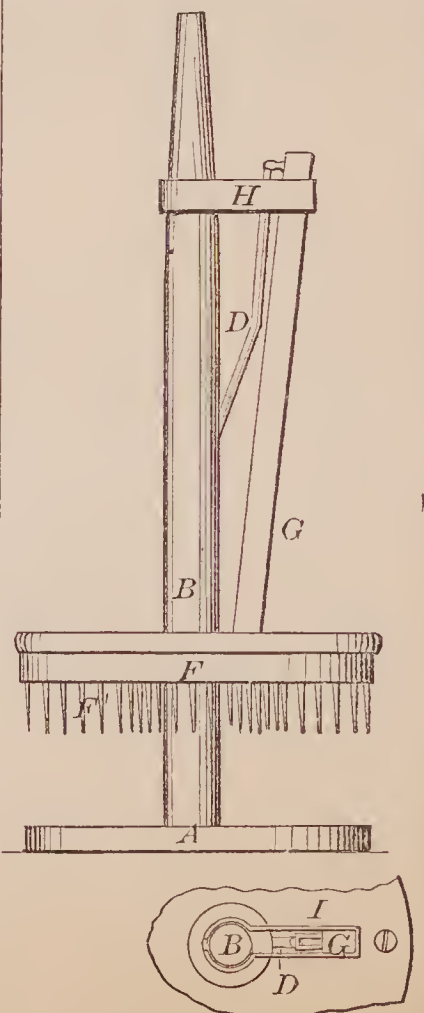


61930—O. Ellsworth—*For Drying Paper.*

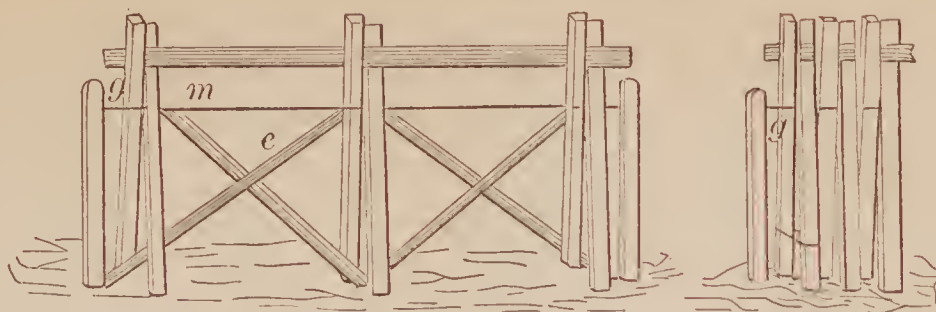


61933—W. Gale—*Straw Cutter.*61934—J. Greenwood—*For Straightening the Weft of Textile Fabrics.*61938—A. Hitchcock—*Machine Gearing.*61939—T. B. Hodge—*Harness Clamp.*61940—A. D. & L. D. Huff—*Sorghum Stripper.*

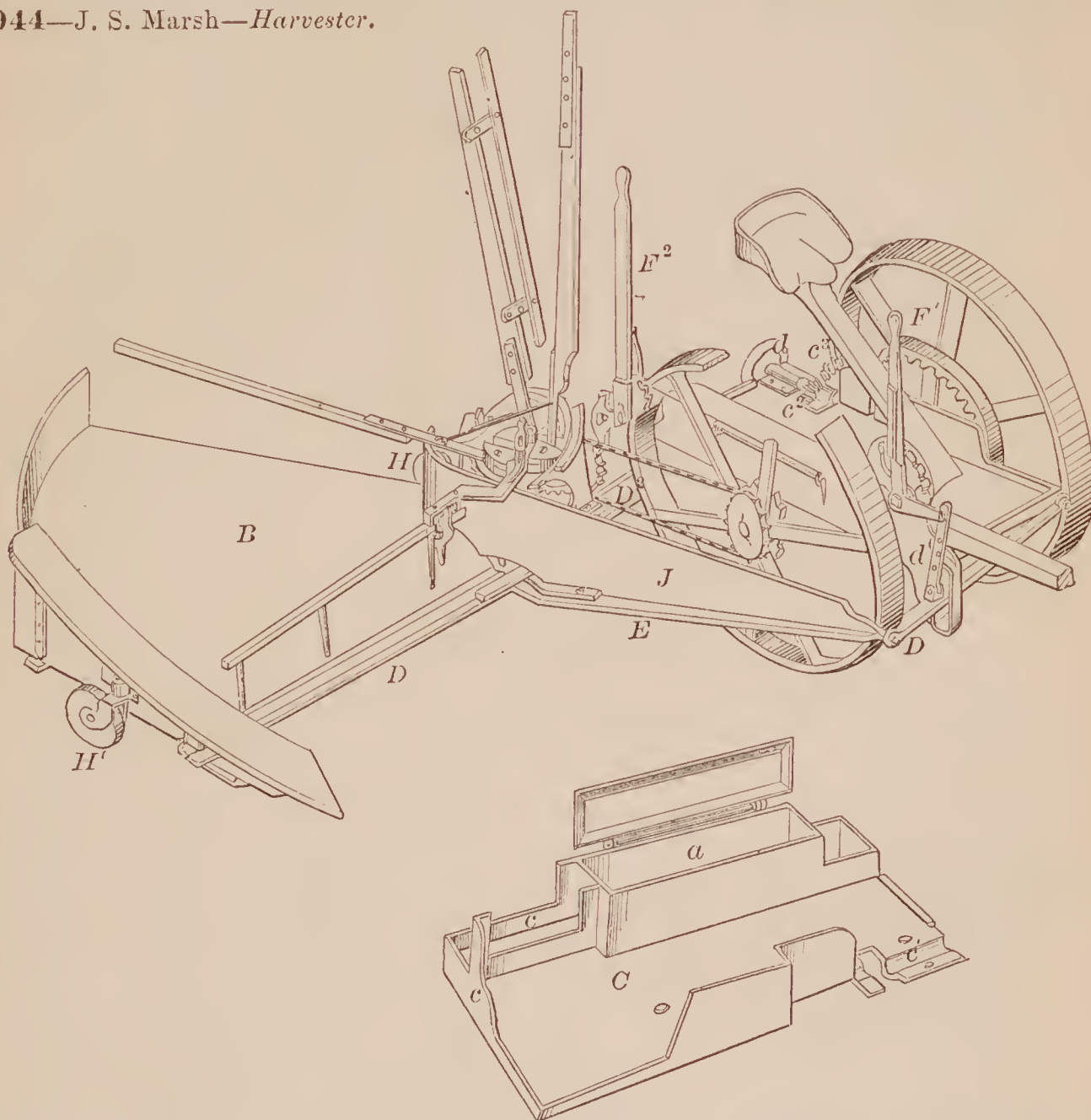
61937—H. F. Hicks—

Steering Apparatus.61935—P. Harlow—*Belt Clasp.*61941—H. Lee—*Animal Trap.*

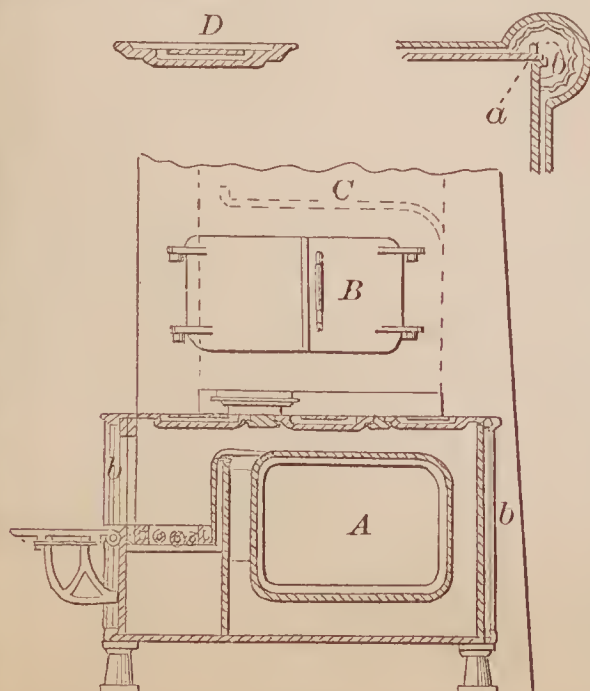
61942—J. C. Leonard—*Fence*.



61944—J. S. Marsh—*Harvester*.

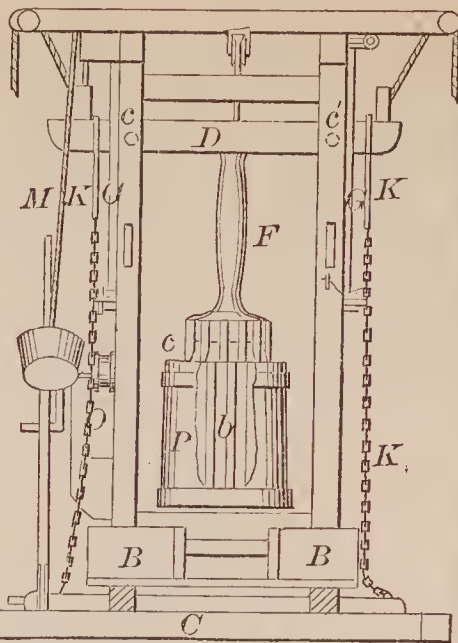
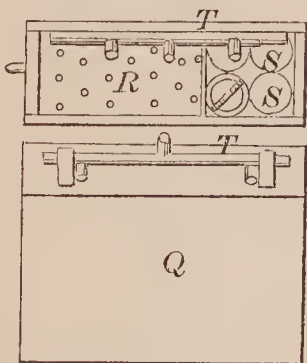
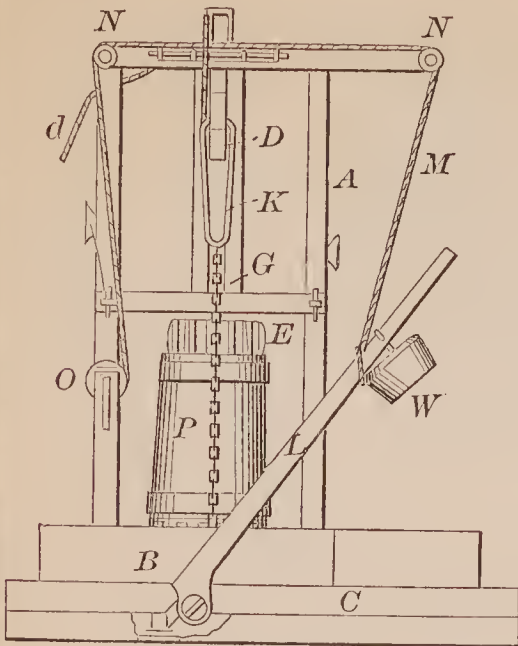
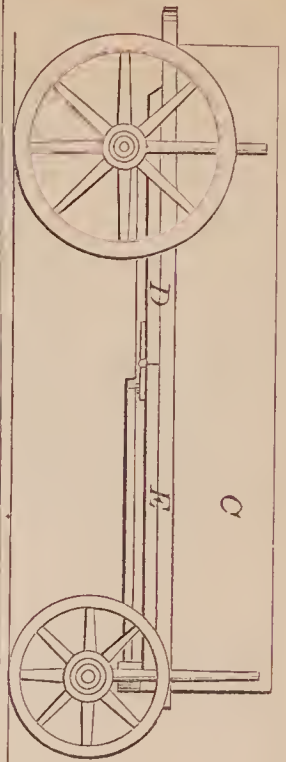
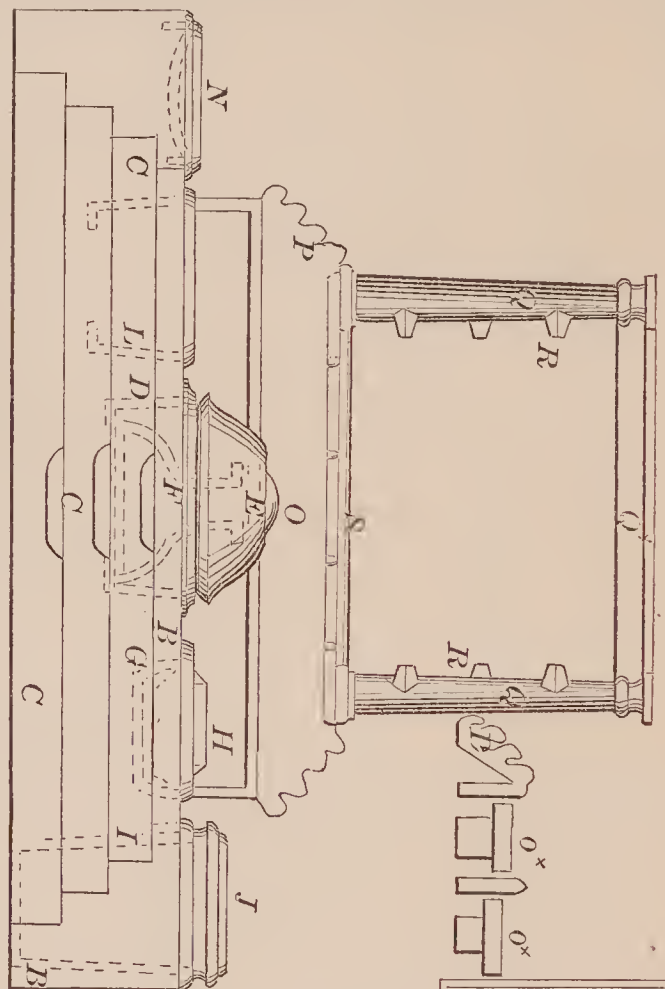
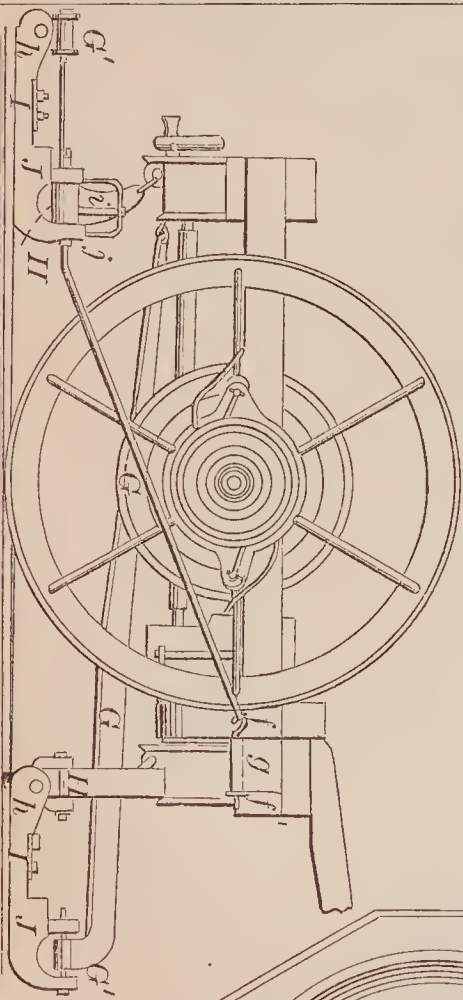
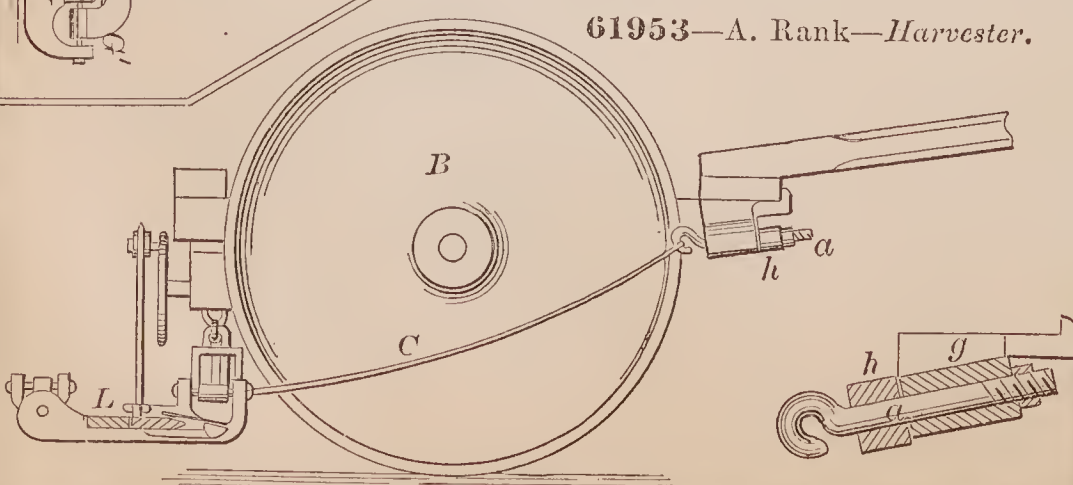
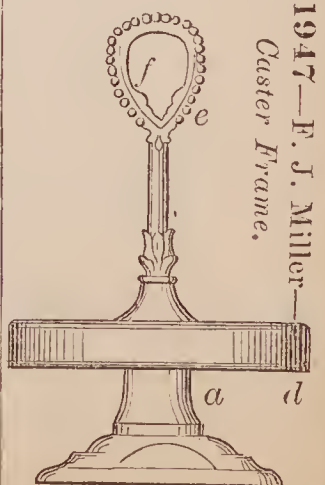


61945—J. Marshall—*Cooking Stove*.

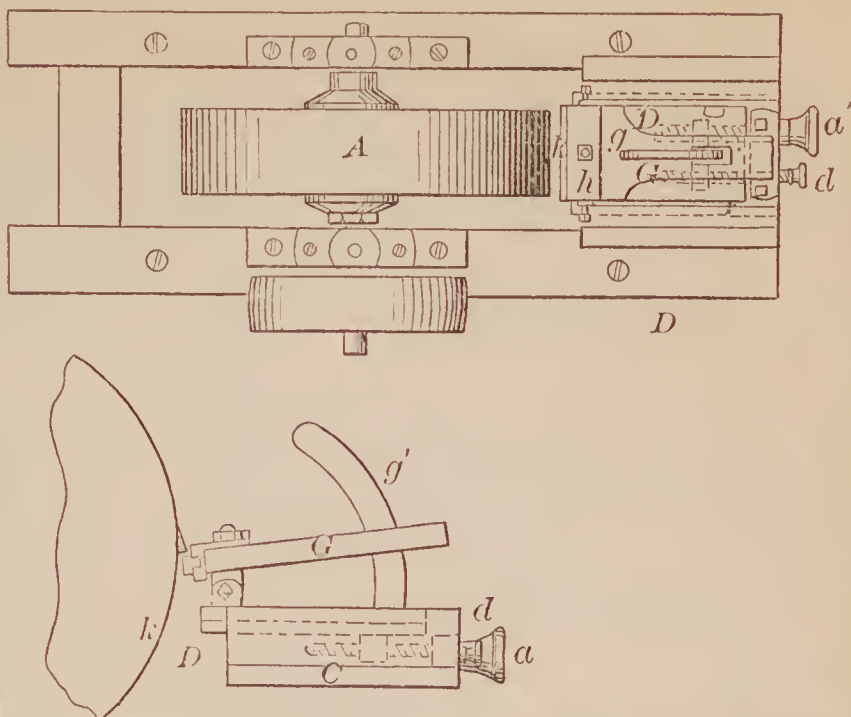


61943—Lord & Woodman—*Cultivator*.



61946—J. B. Meriam—*For Extracting Paraffine, &c., from Oil.*61951—R. B. Prindle—*Hold Back for Carriage Thills.*61948—G. N. Munger—*Dumping Wagon.*61950—Perry & Brooks—*Stamp Holder and Inkstand.*61952—A. Rank—*Harvester.*61953—A. Rank—*Harvester.*61947—F. J. Miller—*Cluster Frame.*

61955—J. Richards—*For Grinding Saws.*



61960—Spofford & Raffington—*Portable Pistol Gallery.*

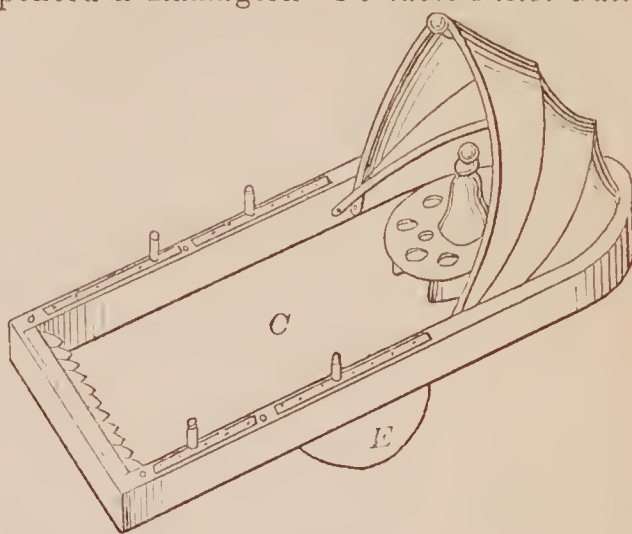


Fig. 3

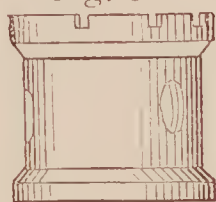
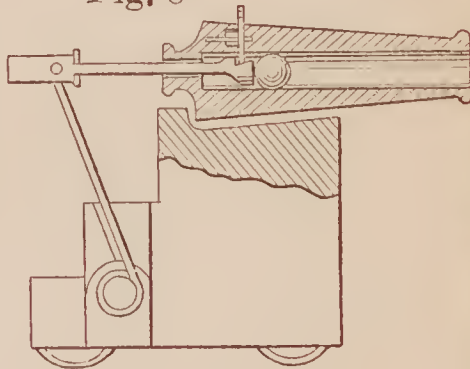
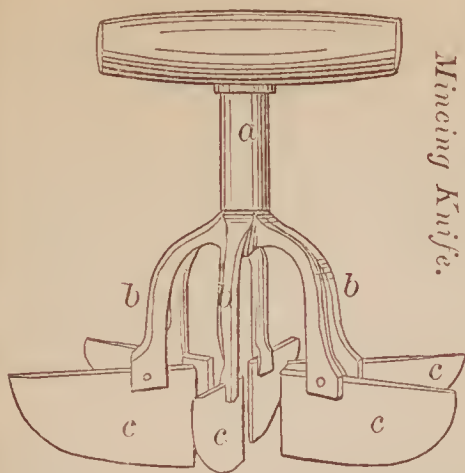


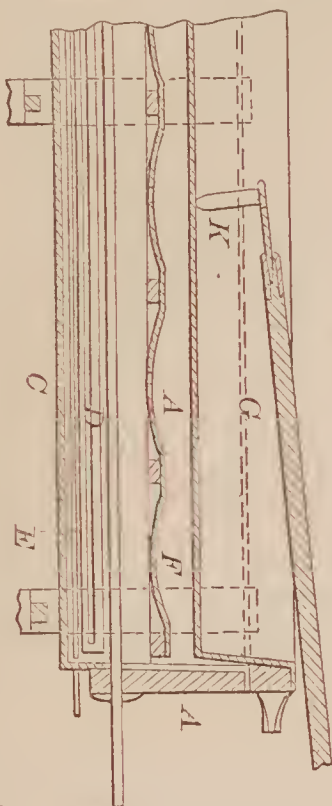
Fig. 8



61954—H. M. Remington—*Mining Knife.*



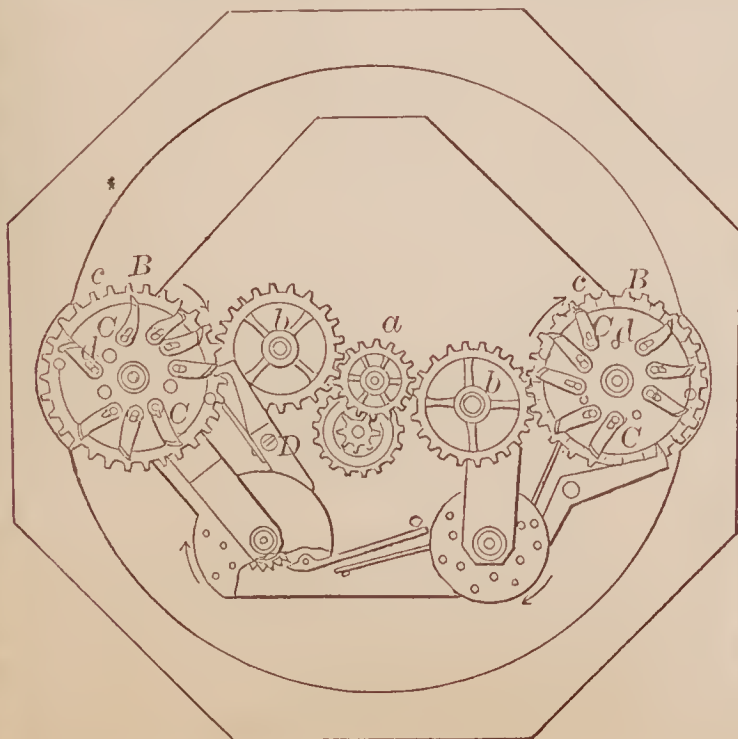
61959—A. Slaughter—*Cheese Vat.*



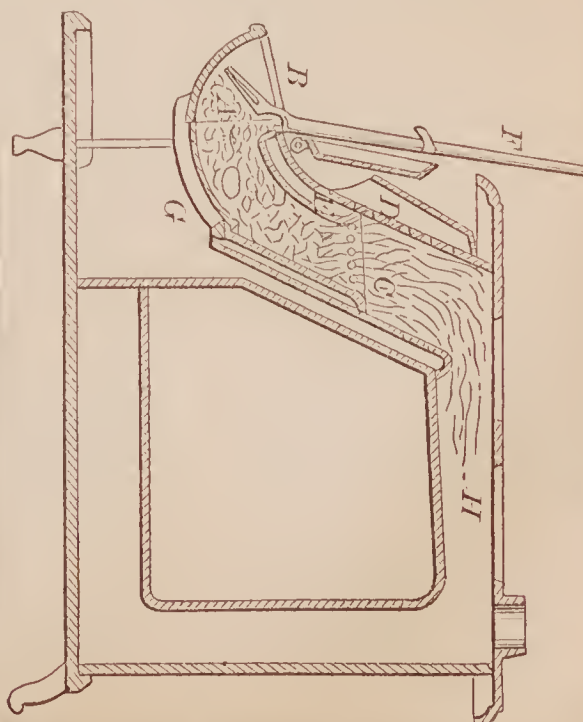
61958—W. H. Shurtleff—*Pavement.*



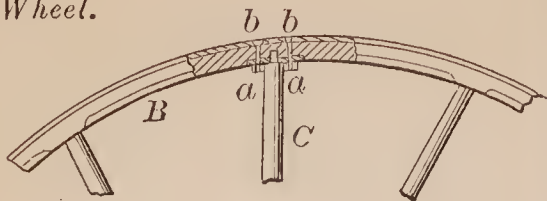
61961—R. C. Taylor—*Railroad Time Indicator.*



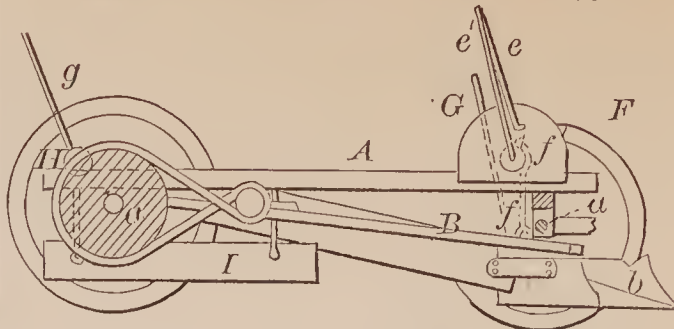
61956—J. J. Savage—*Cooking Stove.*



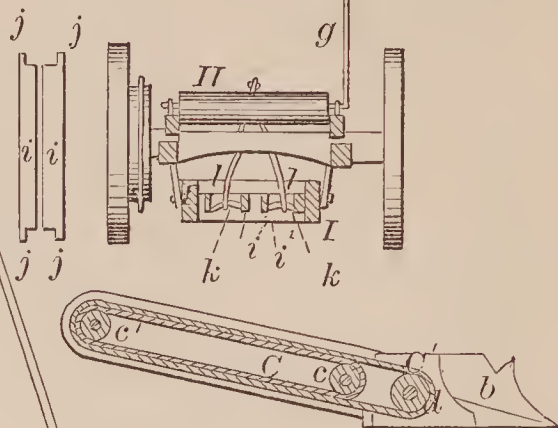
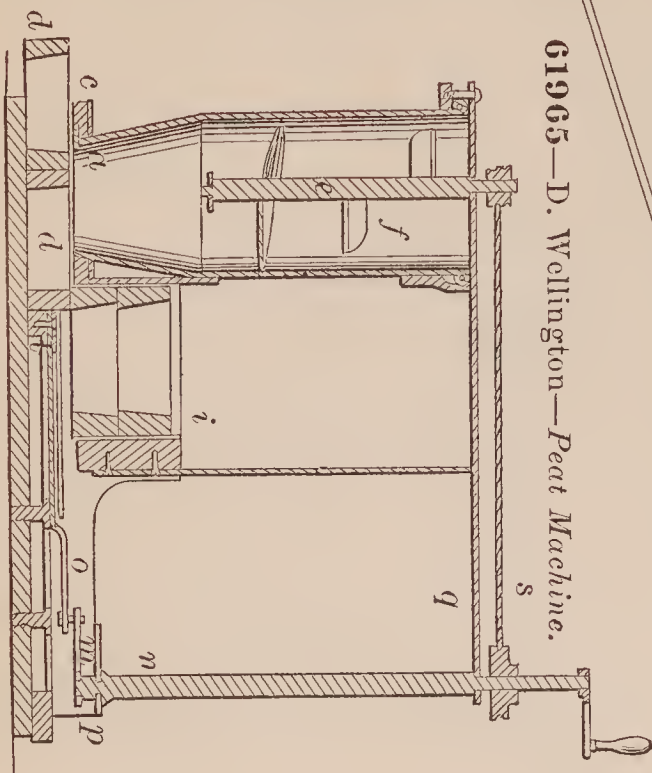
61962—A. P. Ware—*Metallic Carriage Wheel.*



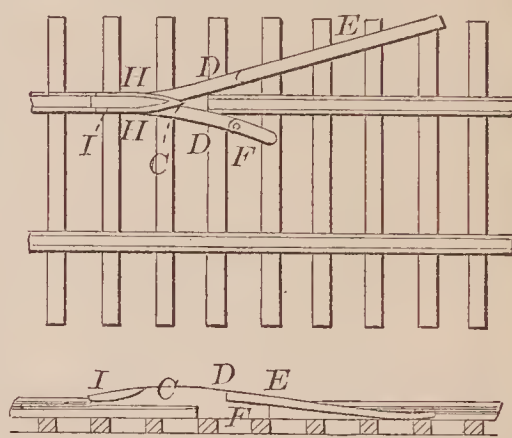
61963—B. O. Warren—*Potato Digger.*



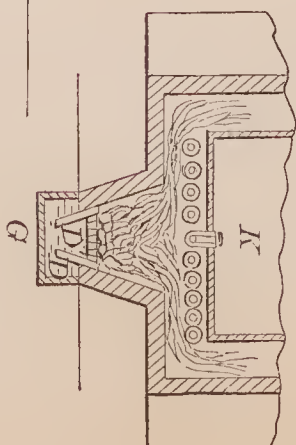
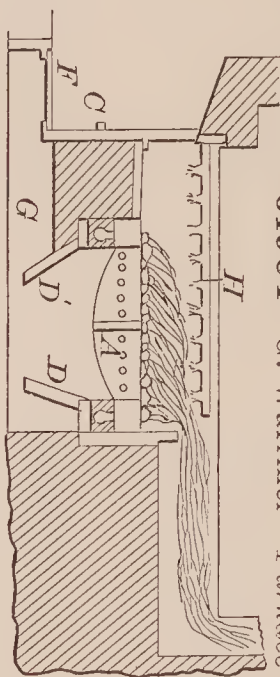
61965—D. Wellington—*Peat Machine.*



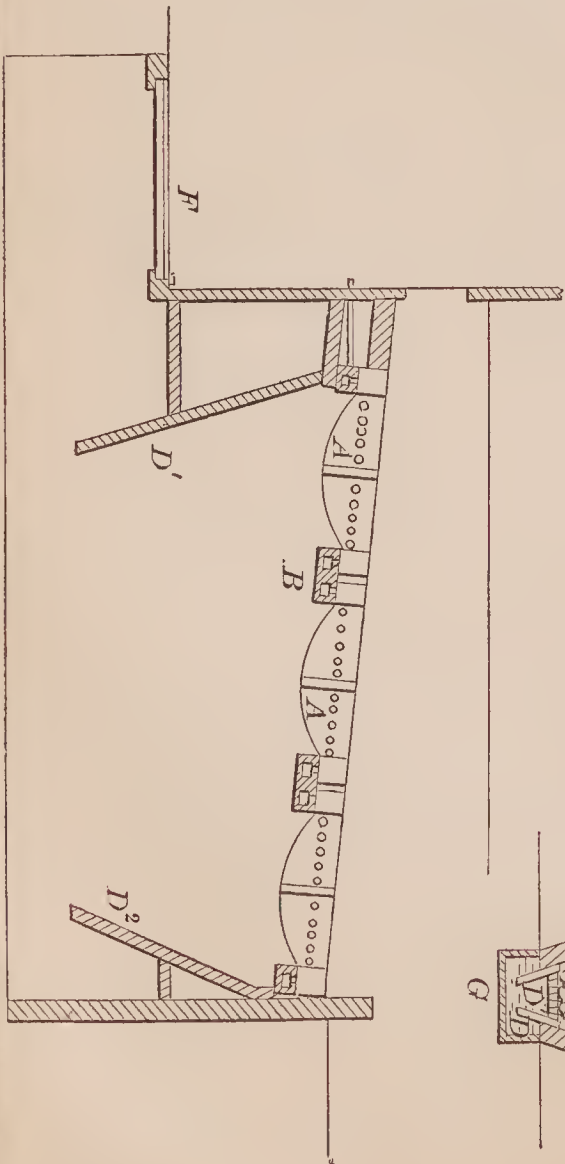
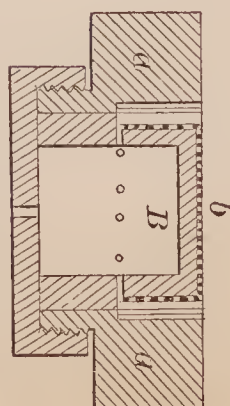
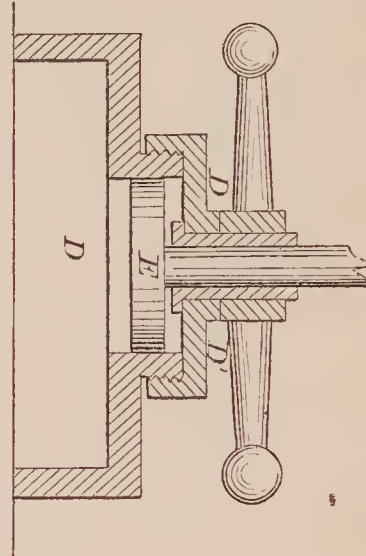
61967—G. Westinghouse, Jr.—*Railroad Switch.*



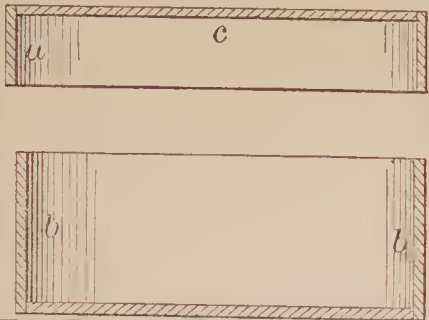
61964—G. Wariner—*Furnace and Fire Place Grate.*



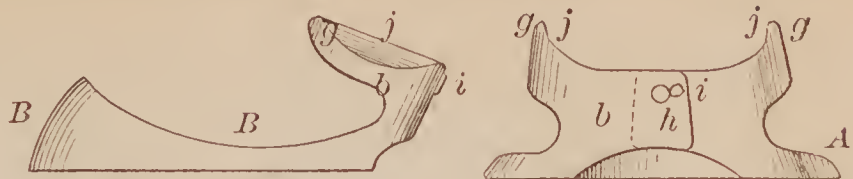
61968—Wheeler & Jerome—*Paper Box Manufacture.*



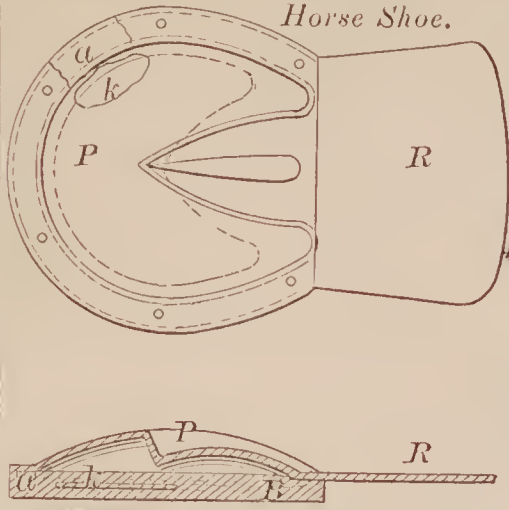
61969—Wheeler & Jerome—*Paper Pulp Box.*



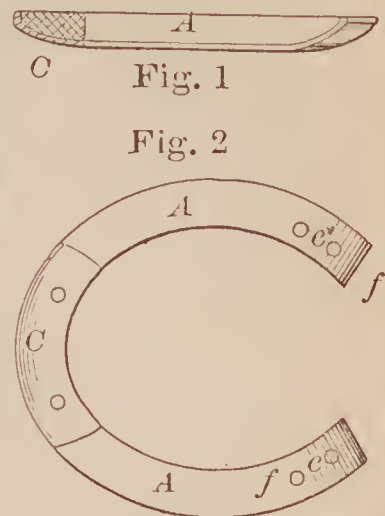
61972—A. S. Wilkinson—*Horse Shoe.*



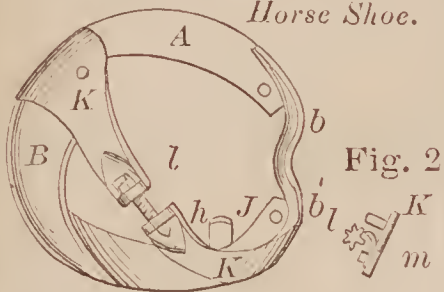
61973—A. S. Wilkinson—*Horse Shoe.*



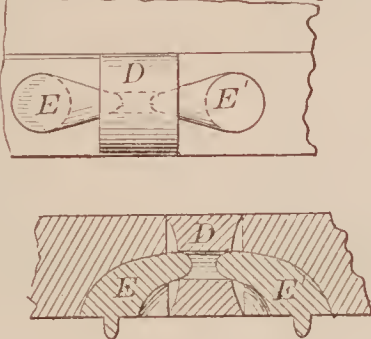
61974—A. S. Wilkinson—*Horse Shoe.*



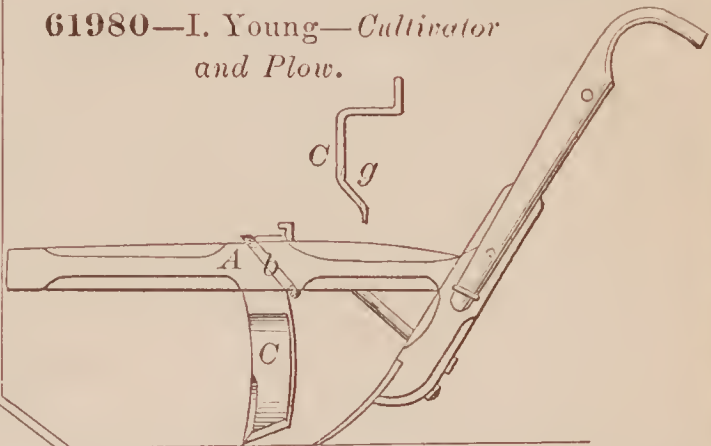
61971—A. S. Wilkinson—*Horse Shoe.*



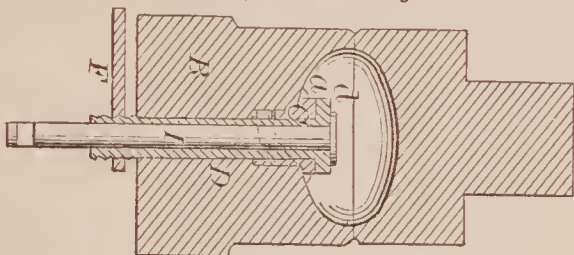
61976—S. Williamson—*Moulding Sash Weight.*



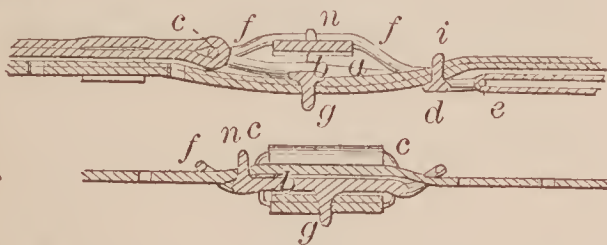
61980—I. Young—*Cultivator and Plow.*



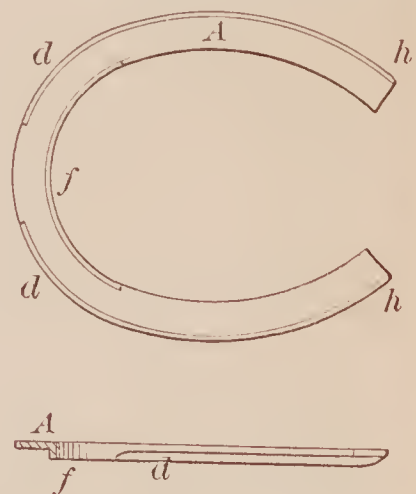
61977—J. Wise—*Die for Making Knobs.*



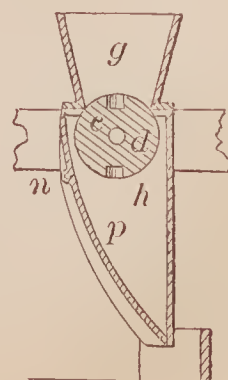
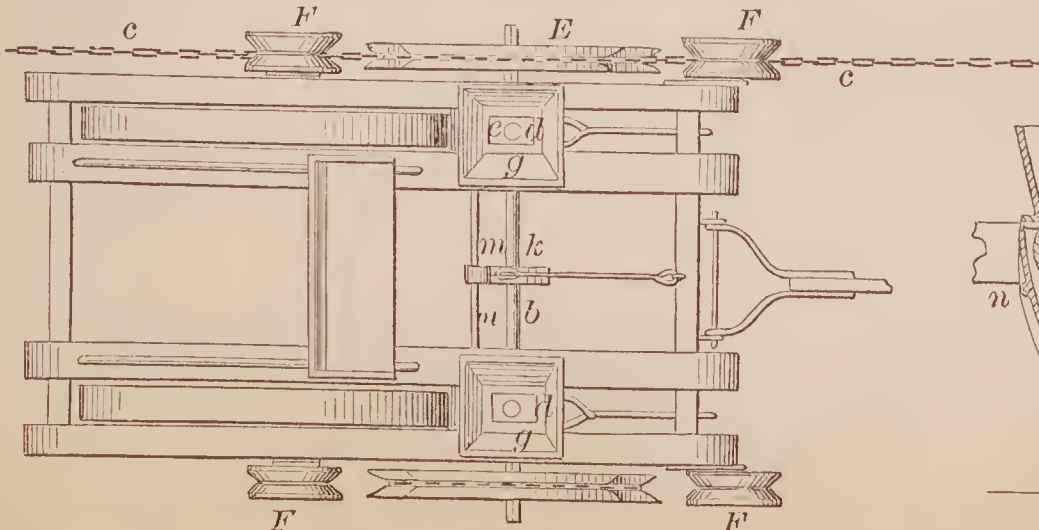
61979—H. S. Woodruff—*Buckle.*

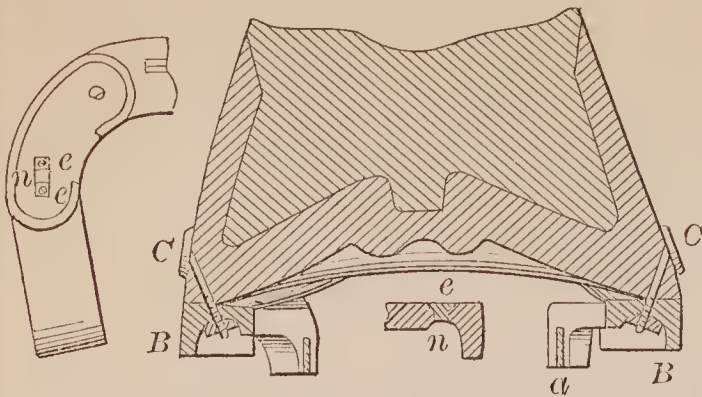
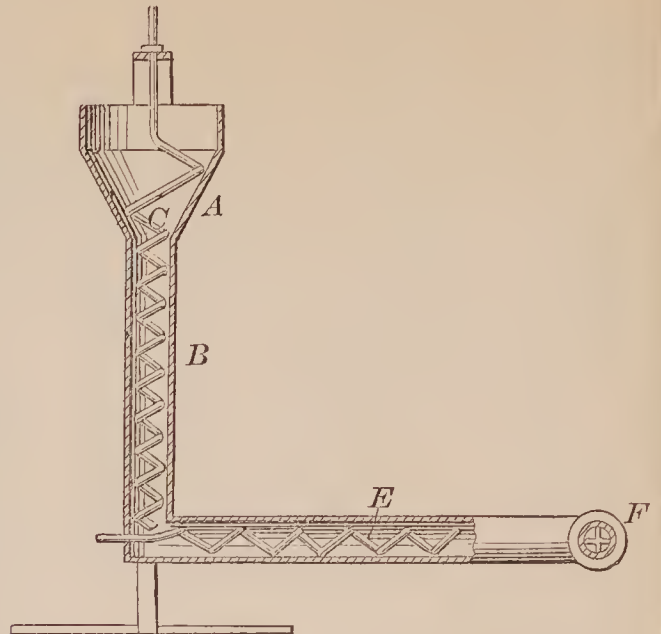
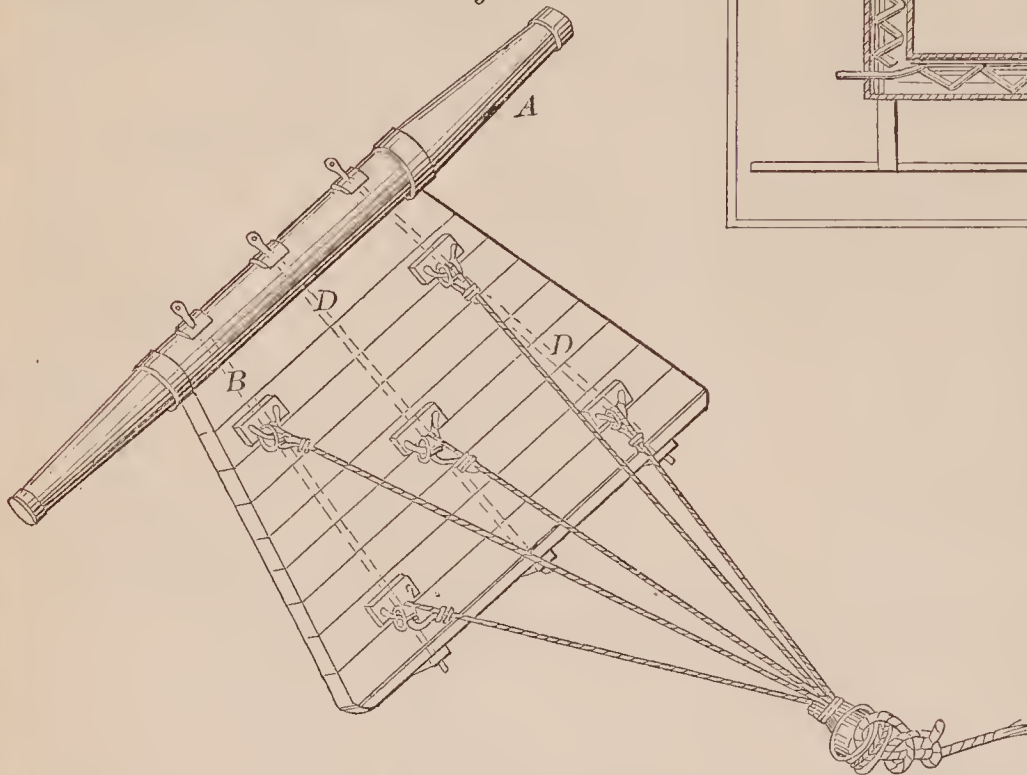
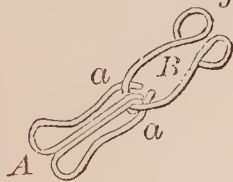
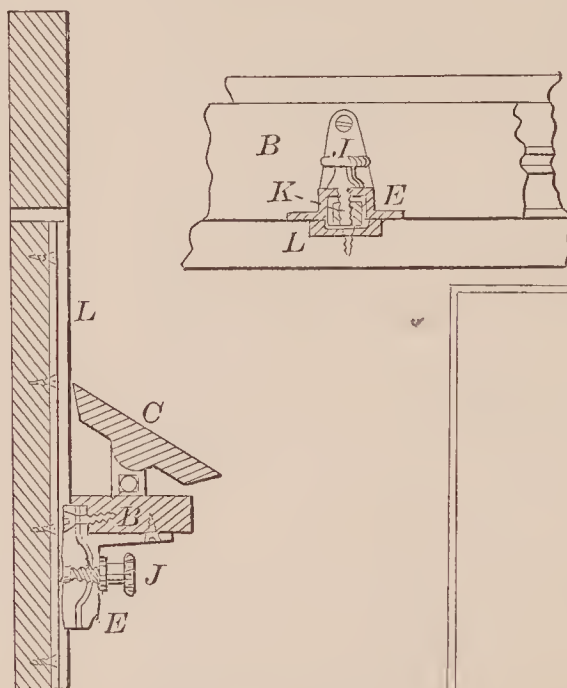
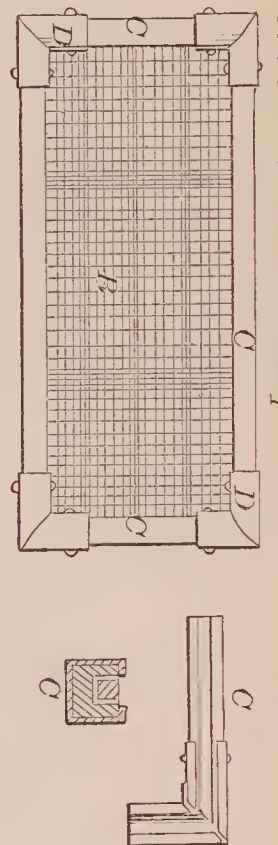
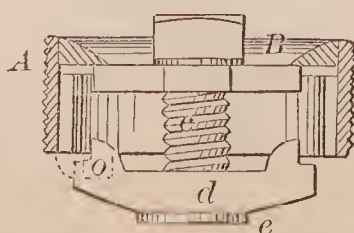
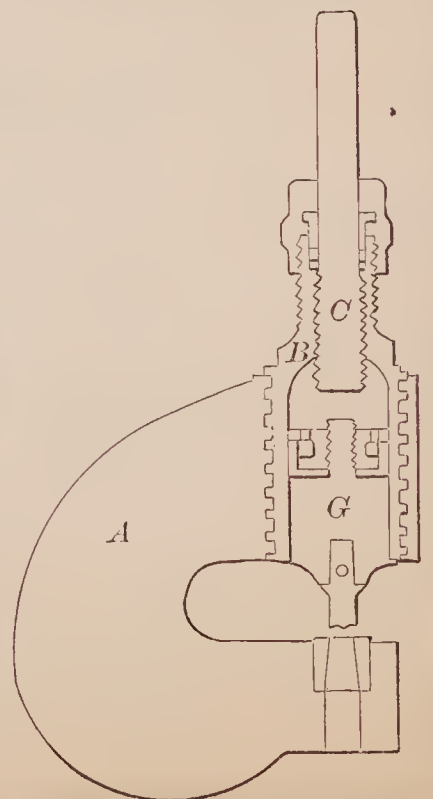


61975—A. S. Wilkinson—*Horse Shoe.*

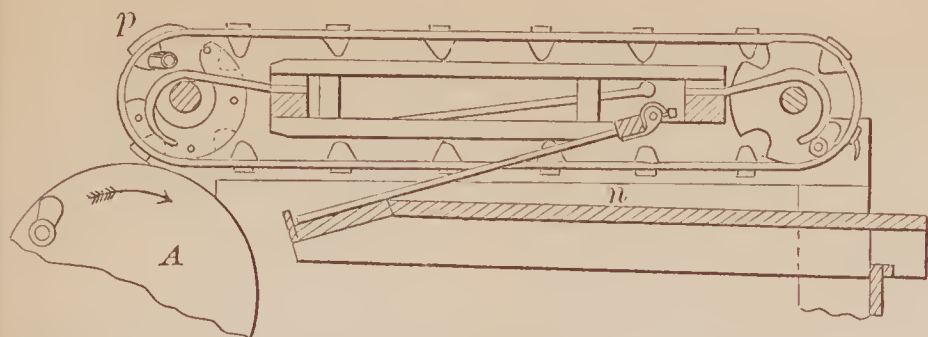


61981—Arvin & Whitmore—*Corn Planter.*

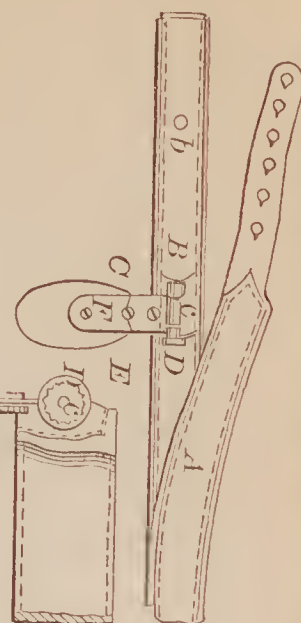


61982—J. Austin—*Horse Shoe.*61985—H. Ball—*Treating Peat.*61983—G. L. Baker—*Floating Anchor.*61989—A. Bennett—*Hooks and Eyes.*61988—Behel & Nelson—*Saw Mill Gauge.*61986—V. Barker—*Mosquito Bar.*61990—T. B. Bishop—*Horse Shoe.*61993—W. Boynton—*Metal Bung.*61987—J. B. Barnes—*Hydraulic Punching Machine.*

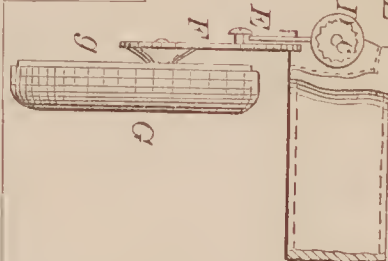
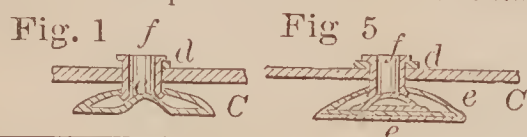
61996—W. Bullock—*Printing Press.*



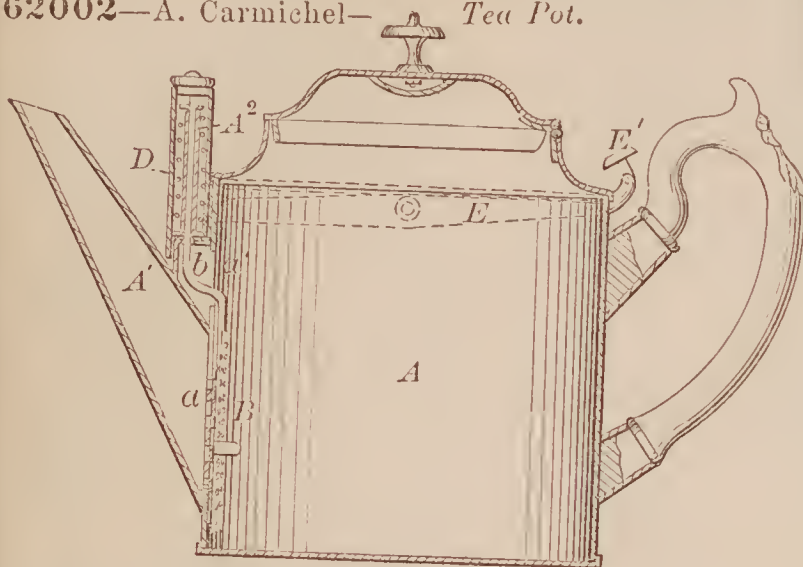
62000—E. Capen—*Truss.*



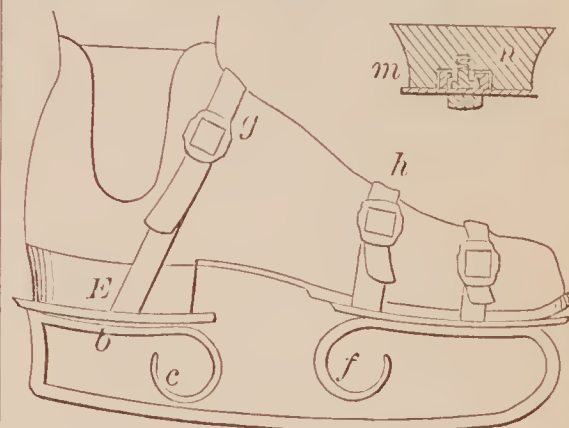
62001—G. J. Capewell—*Button Fastening.*



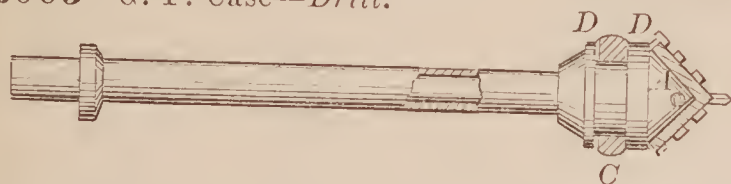
62002—A. Carmichel—*Tea Pot.*



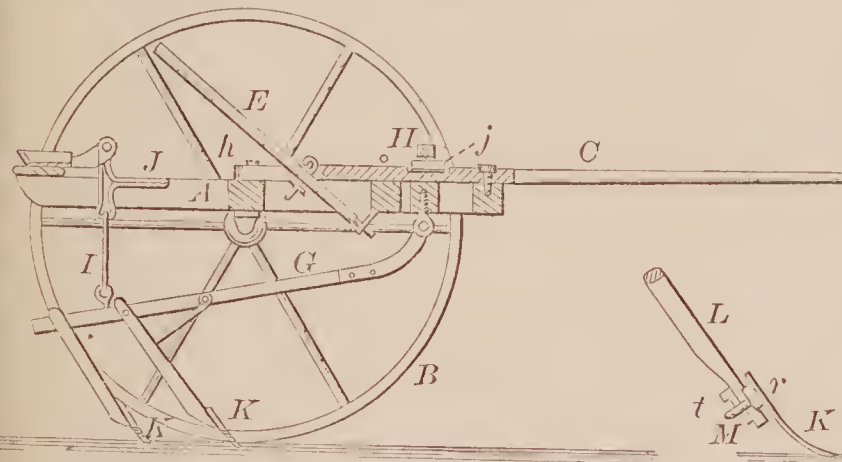
61998—C. Bushman—*Skate.*



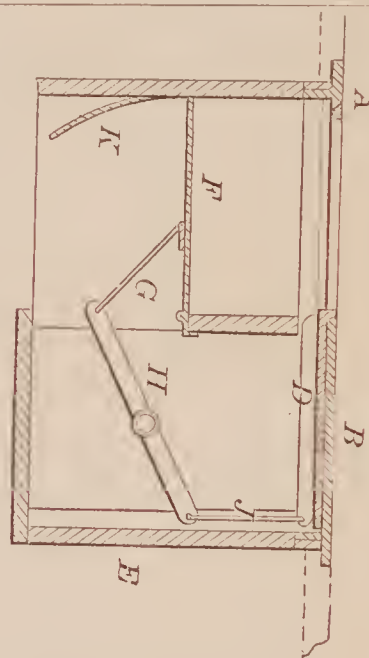
62003—G. F. Case—*Drill.*



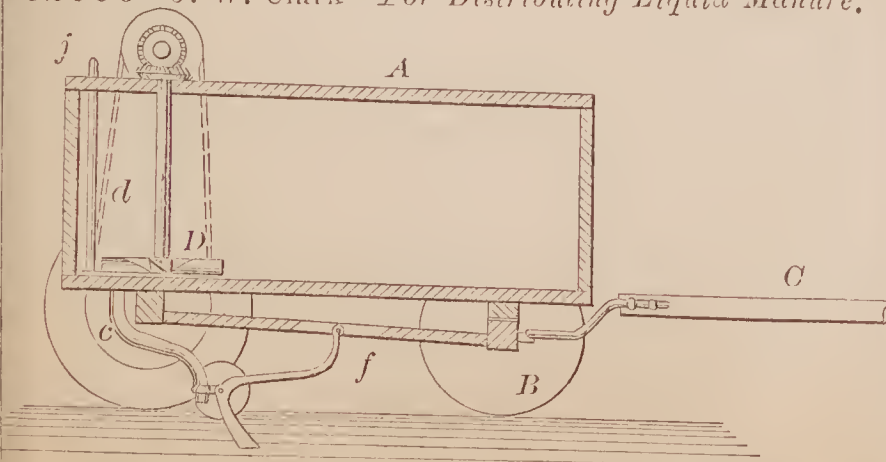
62004—E. Children—*Cultivator.*



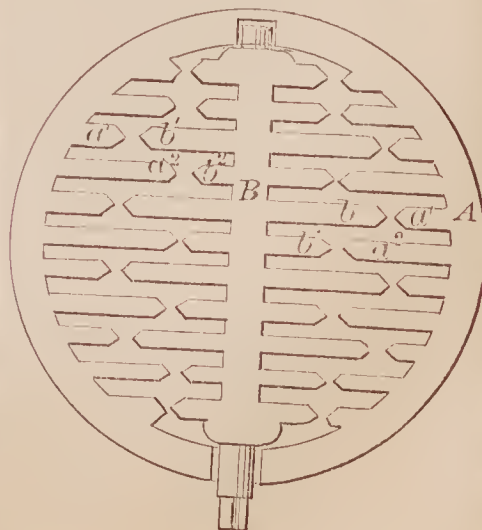
61999—C. Butterfield—*Dust Receptacle.*

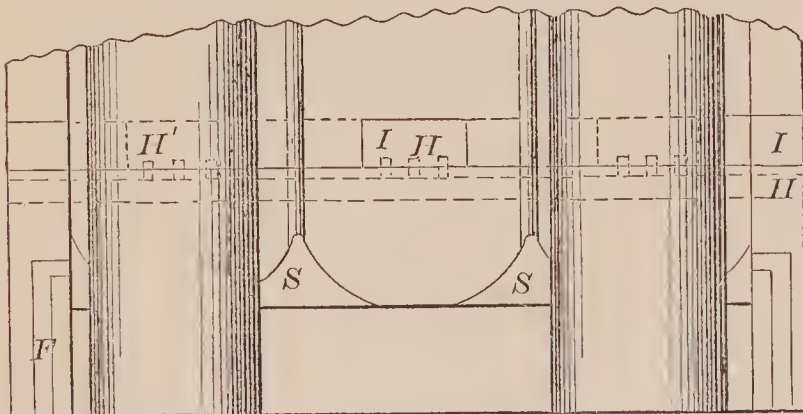
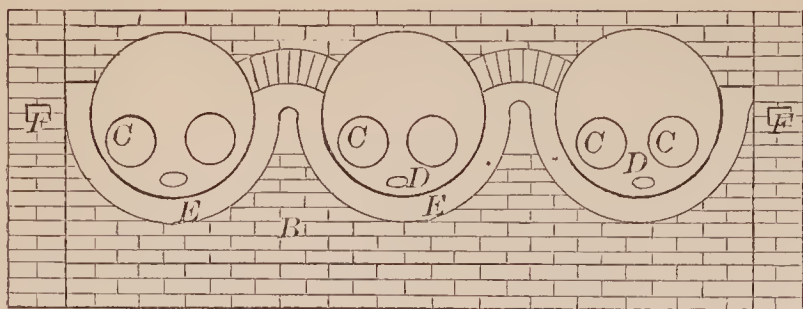
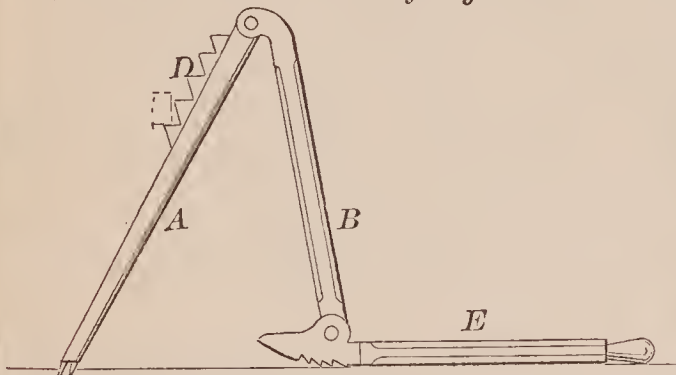
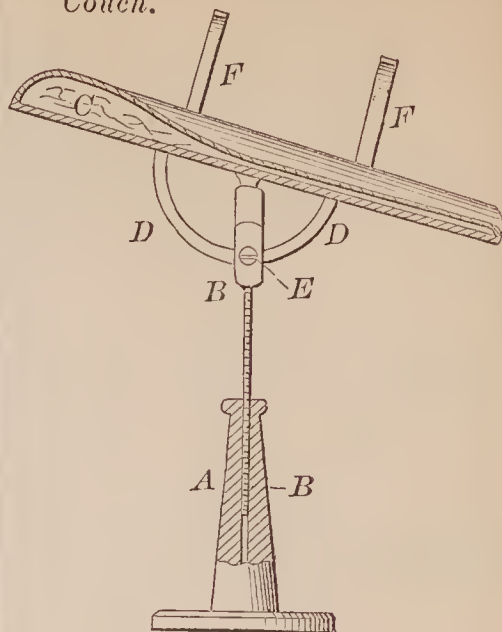
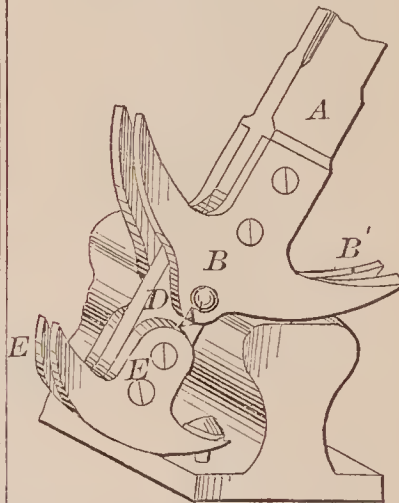
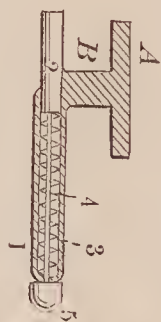
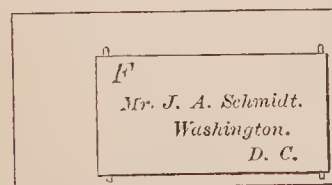
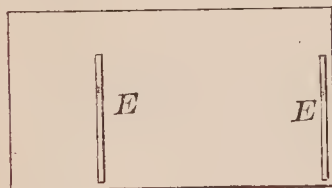
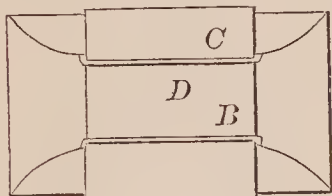
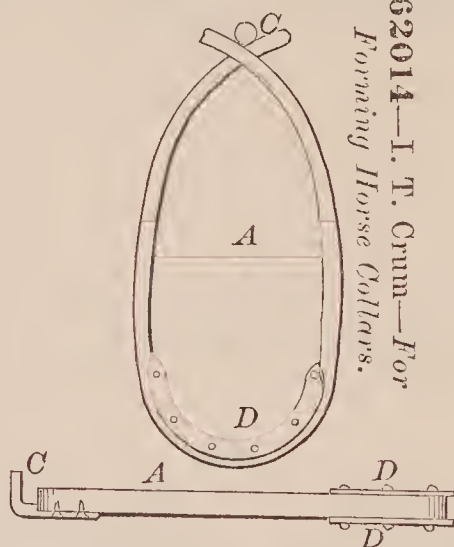
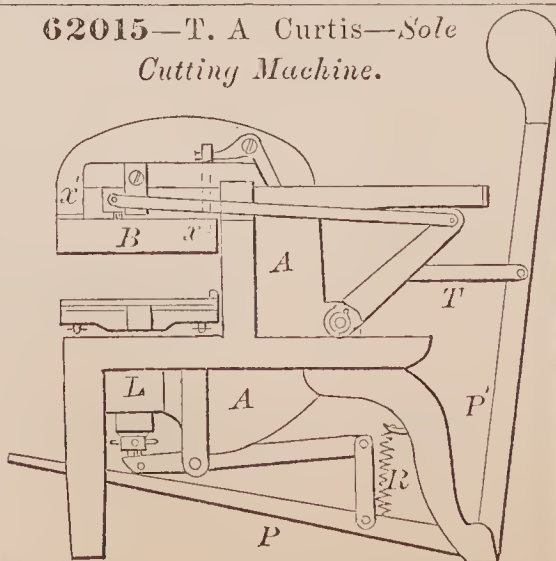
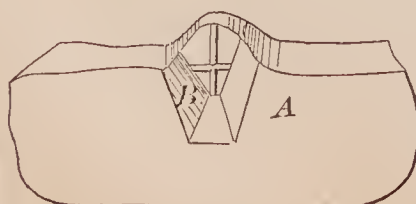
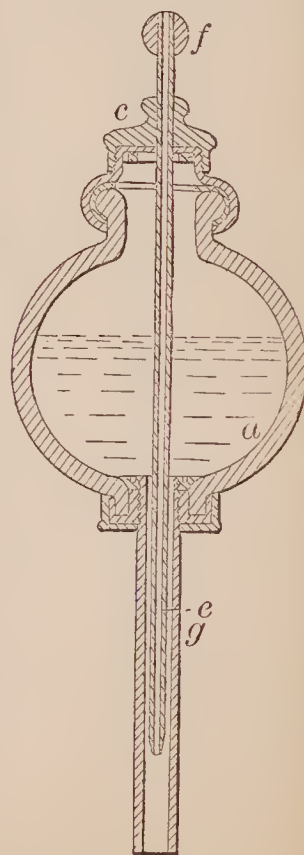


62006—J. W. Clark—*For Distributing Liquid Manure.*

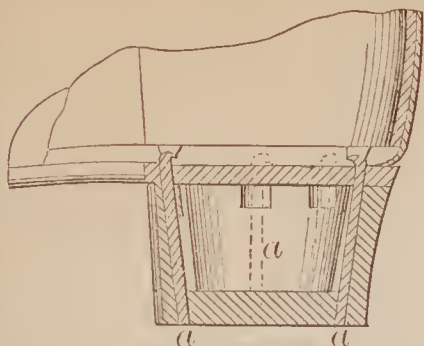


62005—J. S. Clark—*Grate.*

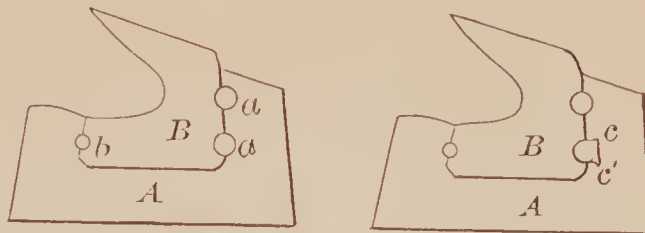


62007—T. H. Clark—*Steam Boiler Furnace.*62009—C. T. Close—*Lifting Jack.*62010—J. H. Cogshall—*Nursing Couch.*62012—M. Cornelius—*Railroad Claw Bar.*62008—B. Clayton—*Sleeve Button and Stud.*62011—C. Conkling—*Letter Envelope.*62014—I. T. Cunn—*For Forming Horse Collars.*62015—T. A. Curtis—*Sole Cutting Machine.*62016—G. Custer—*Toe Calk for Horse Shoes.*62013—J. L. Courcier—*Lubricator.*

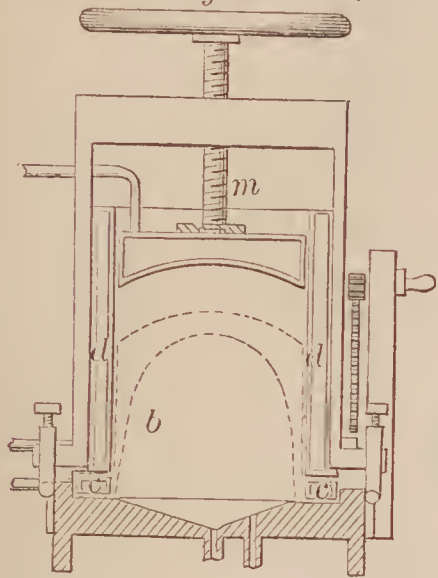
62017—G. W. Davis—*Boot Heel.*



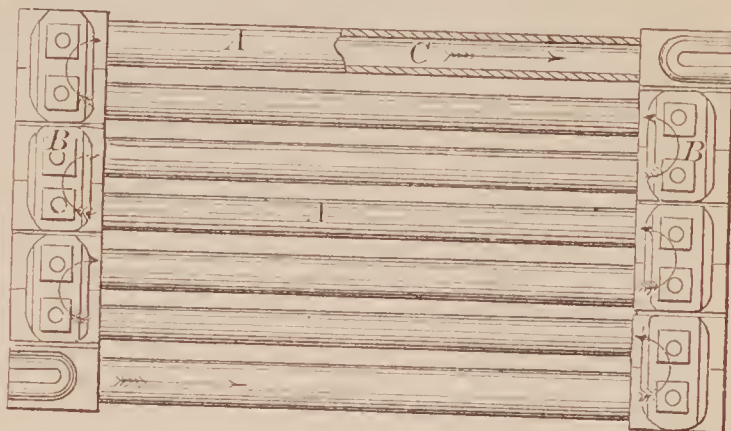
62020—J. E. Emerson—*Saw.*



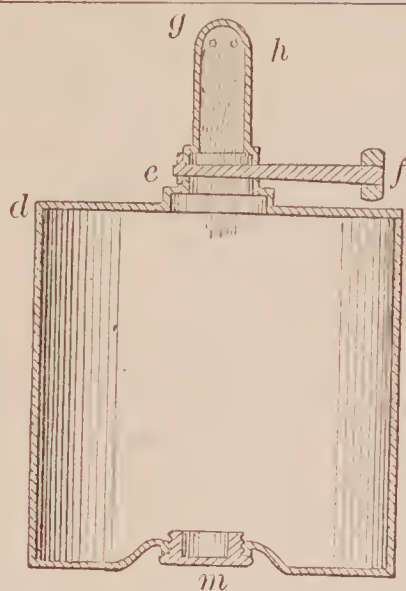
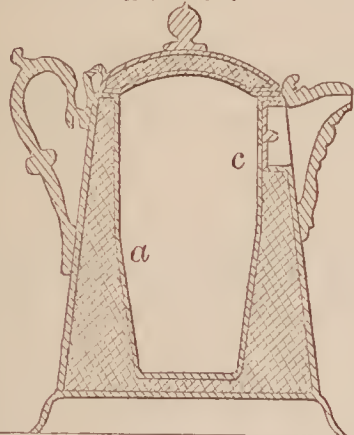
62018—J. De La Mar—*Hat Pressing Machine.*



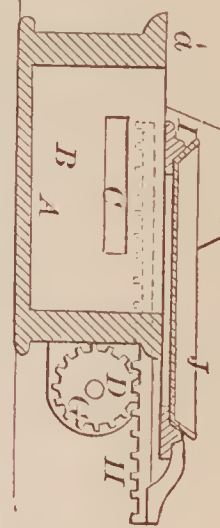
62022—Garvin & Pettibone—*Tubular Grate.*



62021—G. A. Eno—*Ice Pitcher.*



62024—H. Gilbert—*Vaporizing and Burning Gasoline.*



62025—H. C. Gilbert—*Evaporator.*

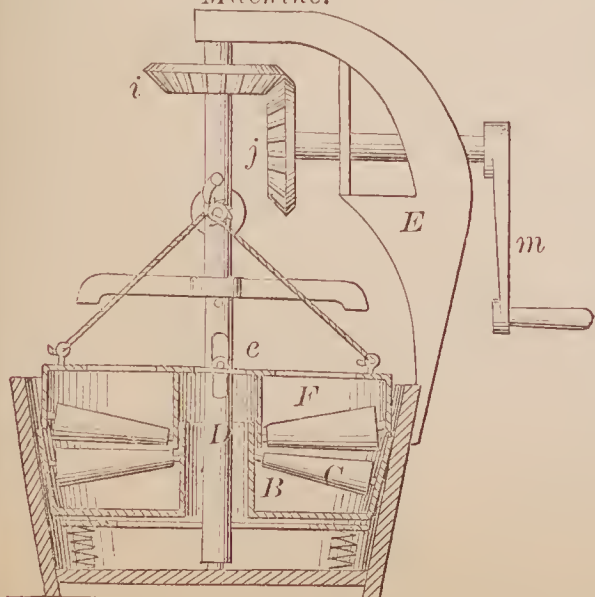
62027—W. B. Gould—*Stair Rod.*



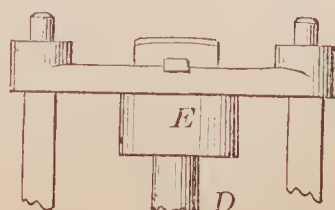
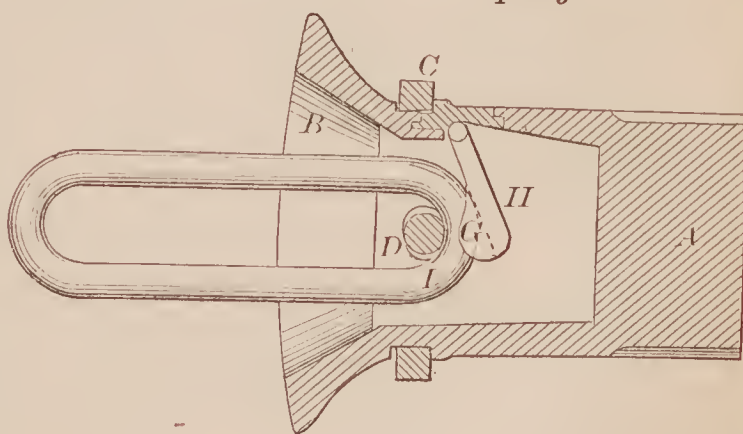
62023—A. W. Gifford—*Scissors Sharpener.*

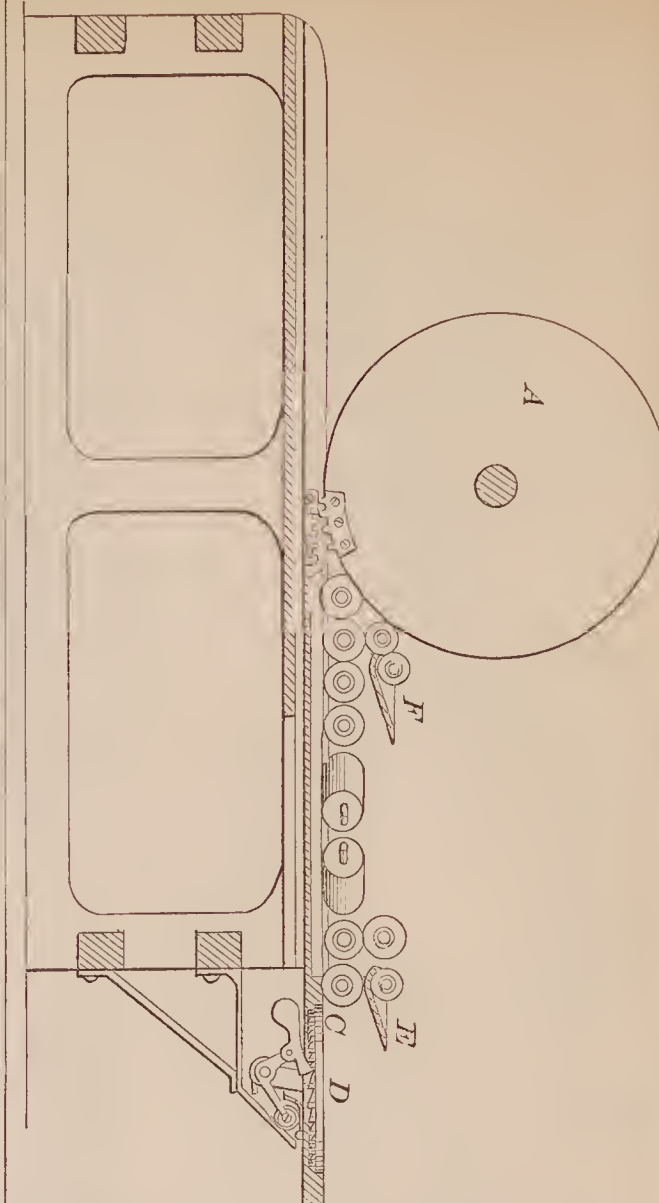
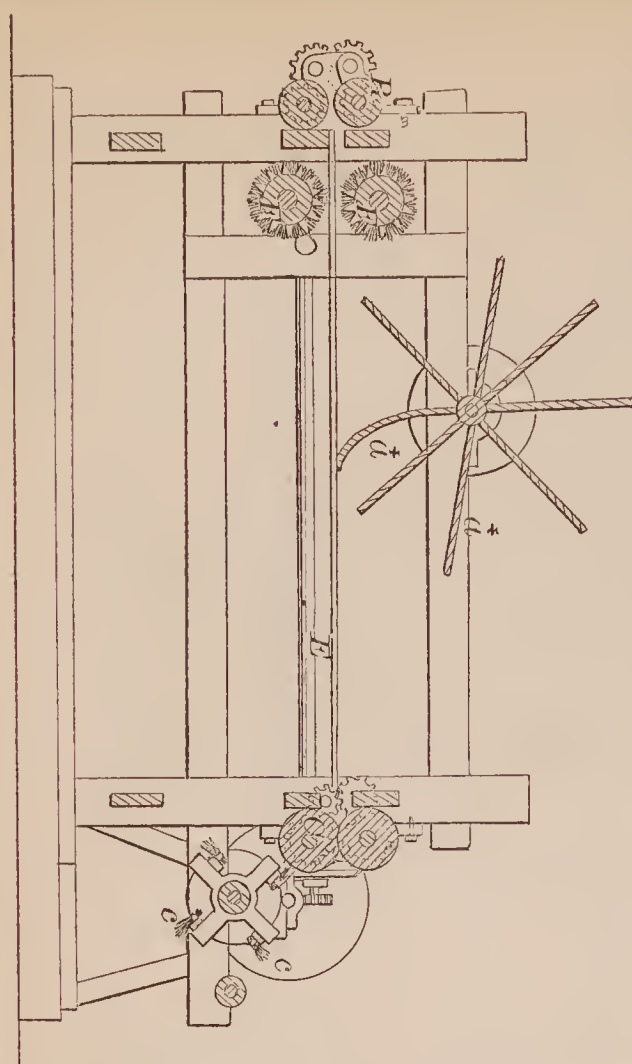
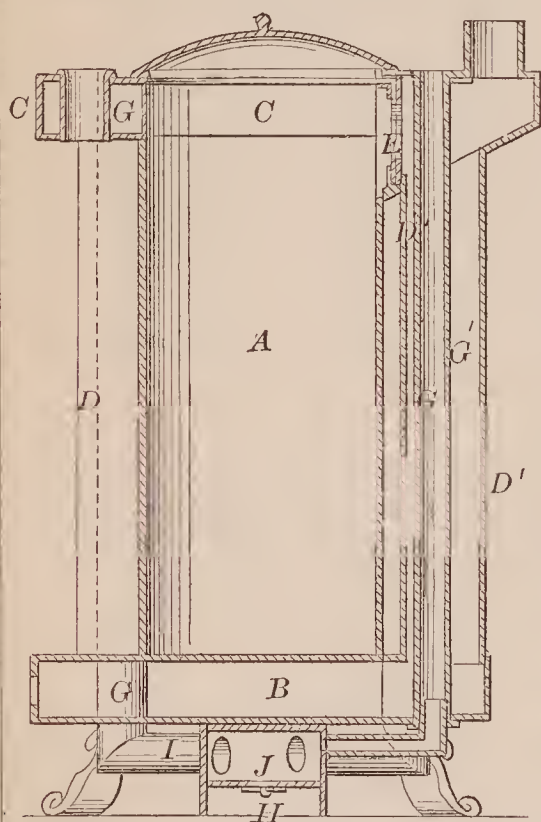
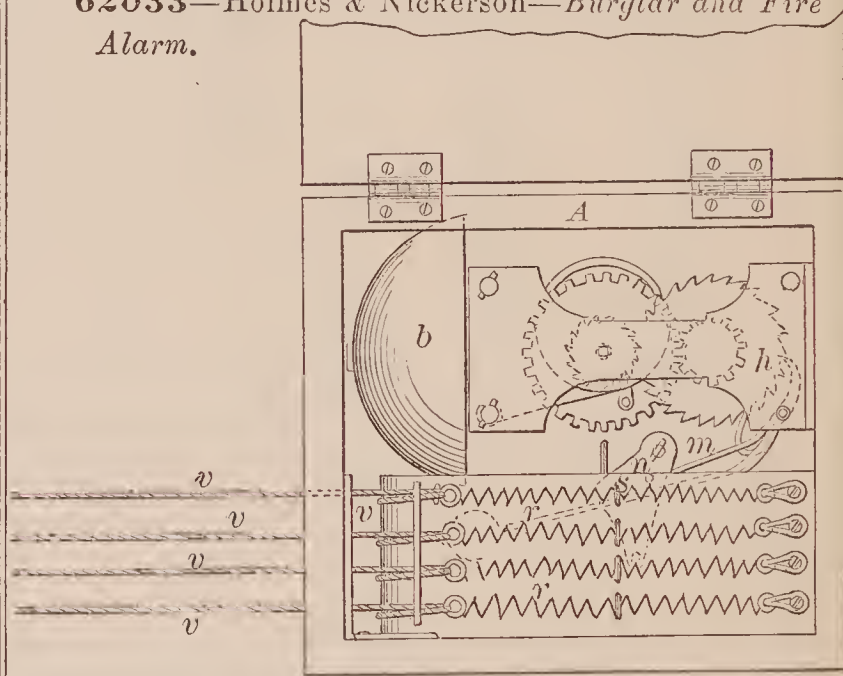
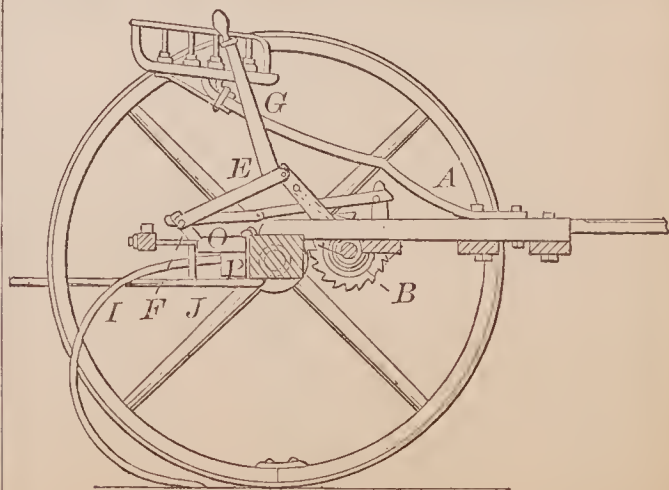
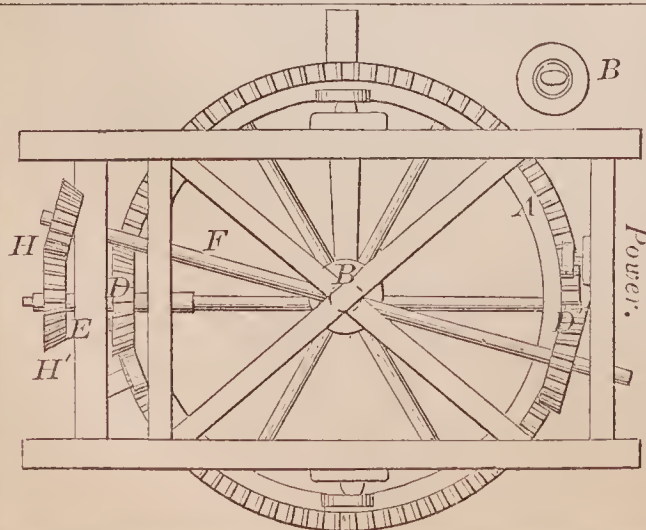


62026—J. S. Gochnauer—*Washing Machine.*

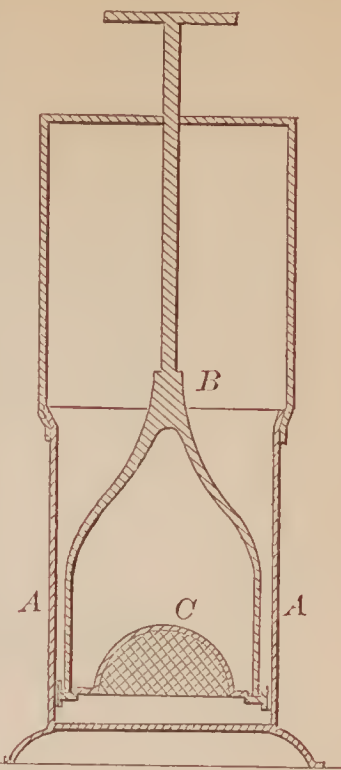


62028—R. W. Green—*Car Coupling.*

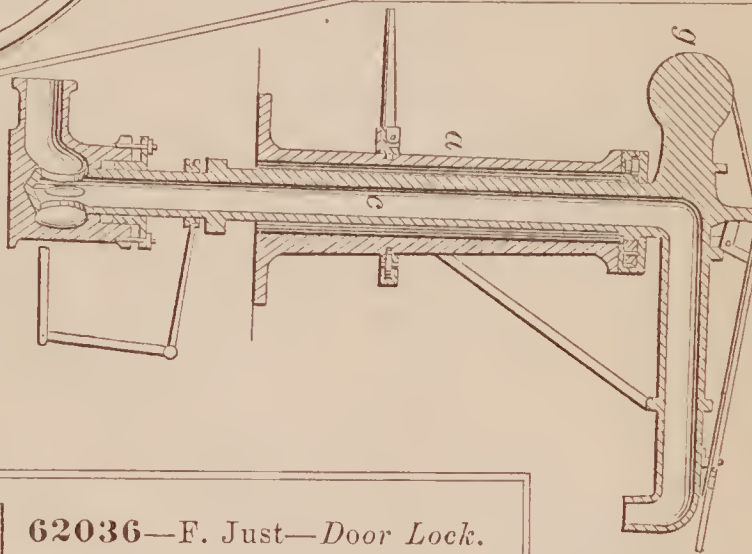


62032—J. Henry—*Printing Press.*62029—W. H. Hankinson—*Carpet Beater and Cleaner.*62031—T. Henney—*Heating Stove.*62033—Holmes & Nickerson—*Burglar and Fire Alarm.*62034—E. Huson—*Horse Rake.*62030—T. Harrison—*Horse Power.*

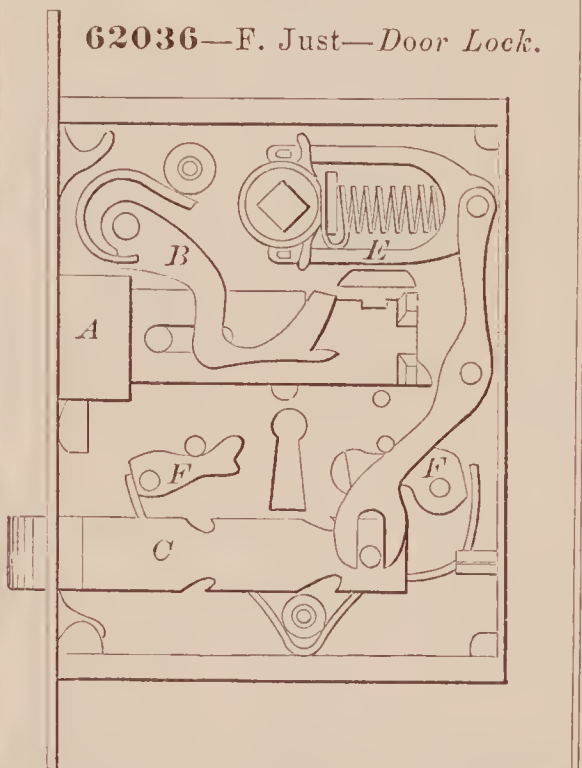
62037—H. Kellogg—*Hat Manufacture.*



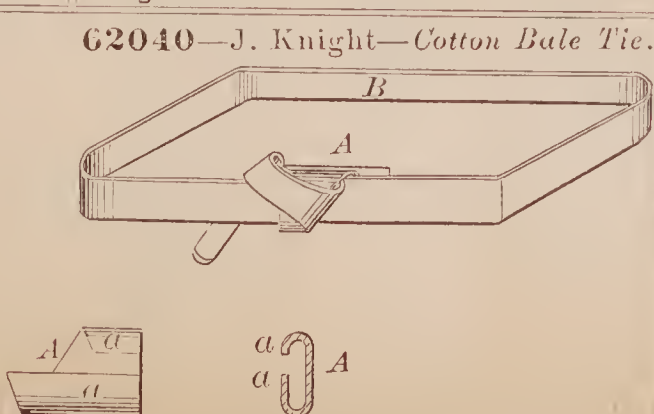
62038—L. V. Ketcham—*Water Crane for Locomotives.*



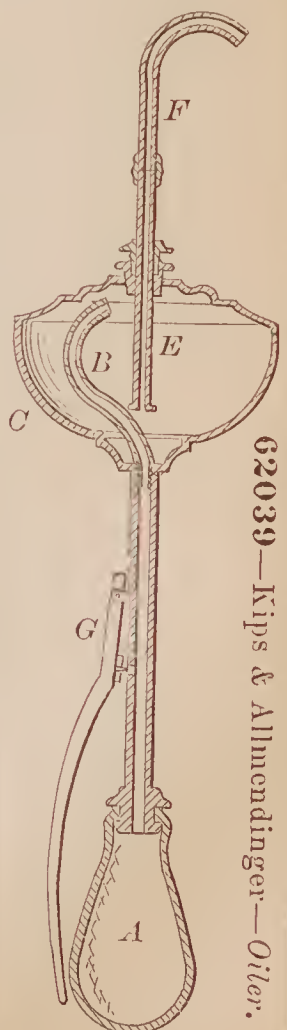
62036—F. Just—*Door Lock.*



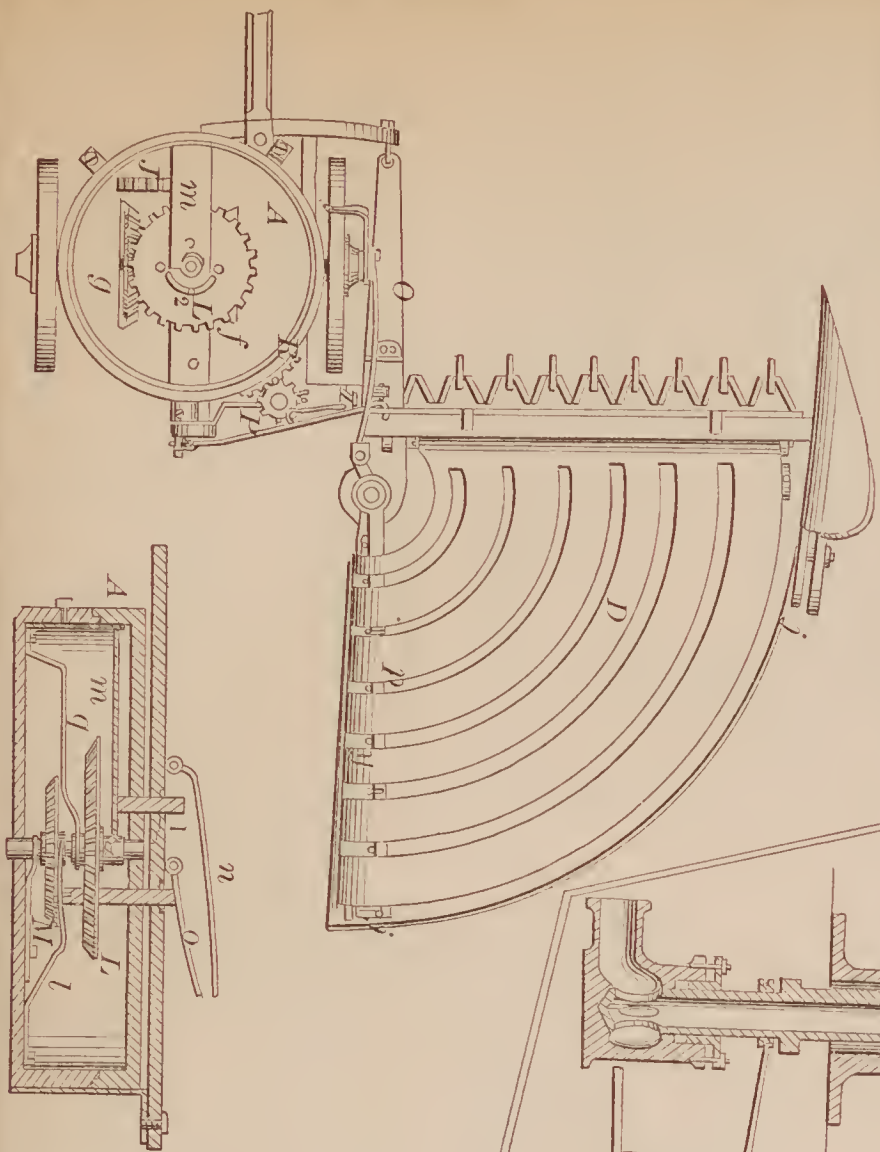
62040—J. Knight—*Cotton Bale Tie.*



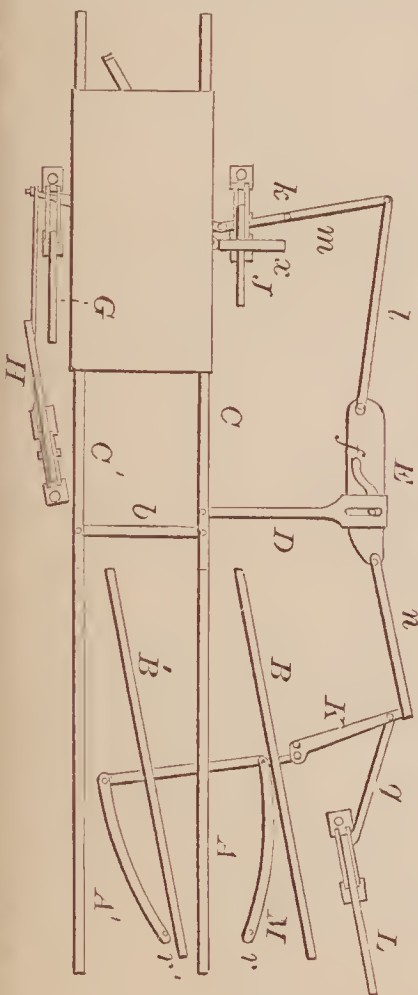
62039—Kips & Allmendinger—*Oiler.*



62035—Jones & Fessler—*Harvester Rake.*



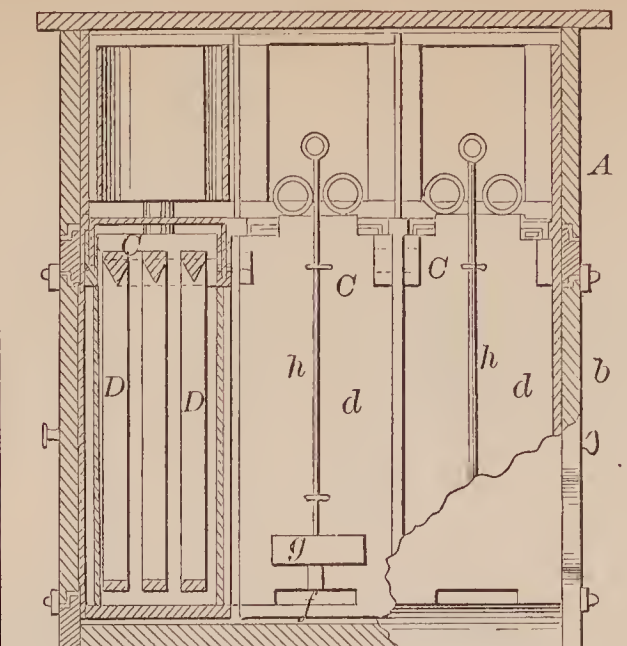
62041—E. B. Lake—*Railway Switch.*



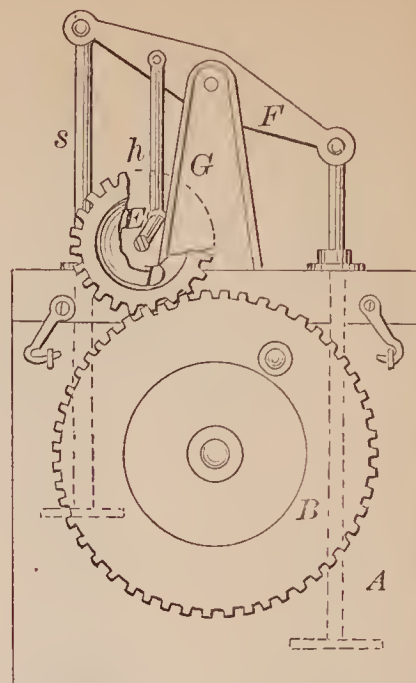
62042—B. Lee, Jr.—Fish Hook.



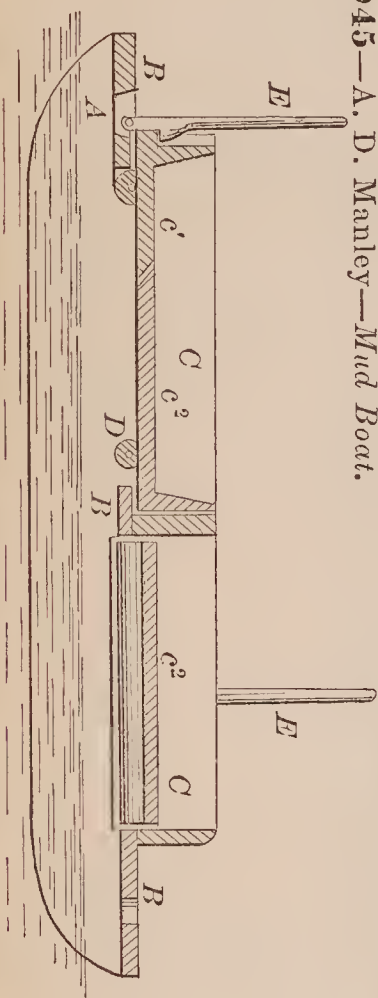
62043—C. P. Lloyd—Beehive.



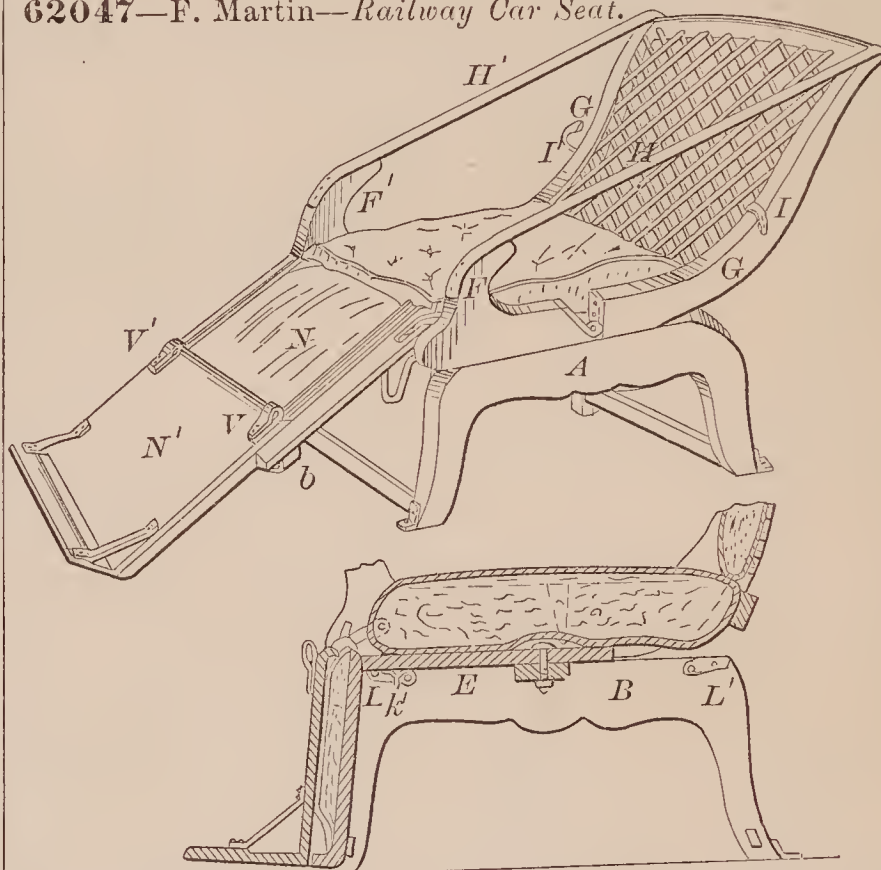
62046—G. W. Manson—Churn.



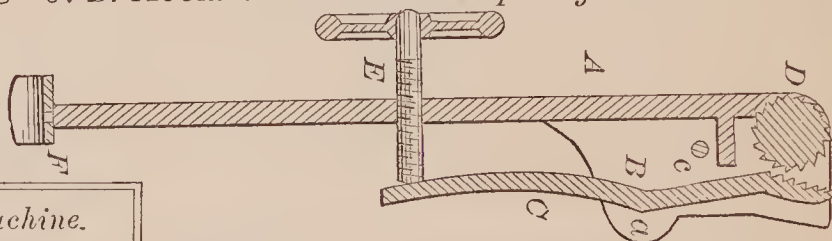
62045—A. D. Manley—Mud Boat.



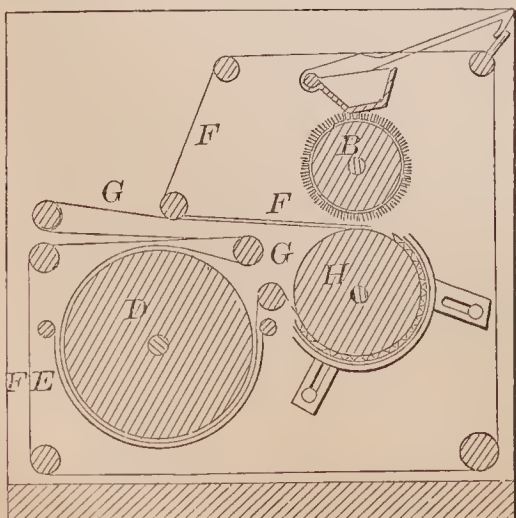
62047—F. Martin—Railway Car Seat.



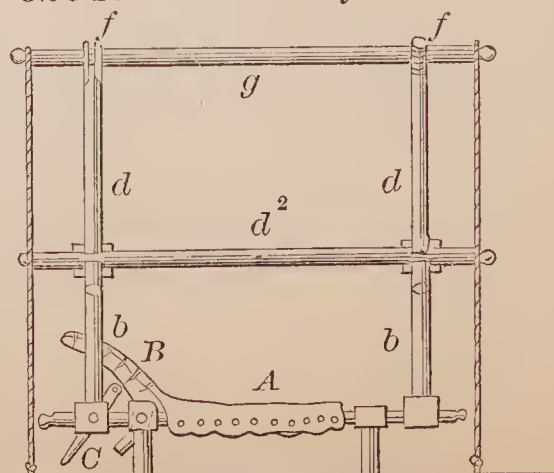
62048—J. B. McClanathan—For Sharpening Horse Shoe Calks.



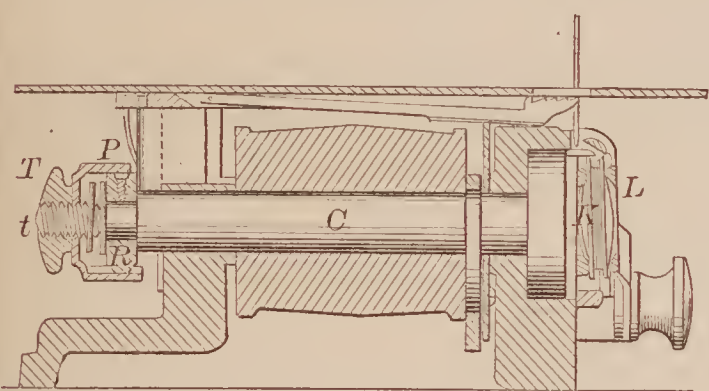
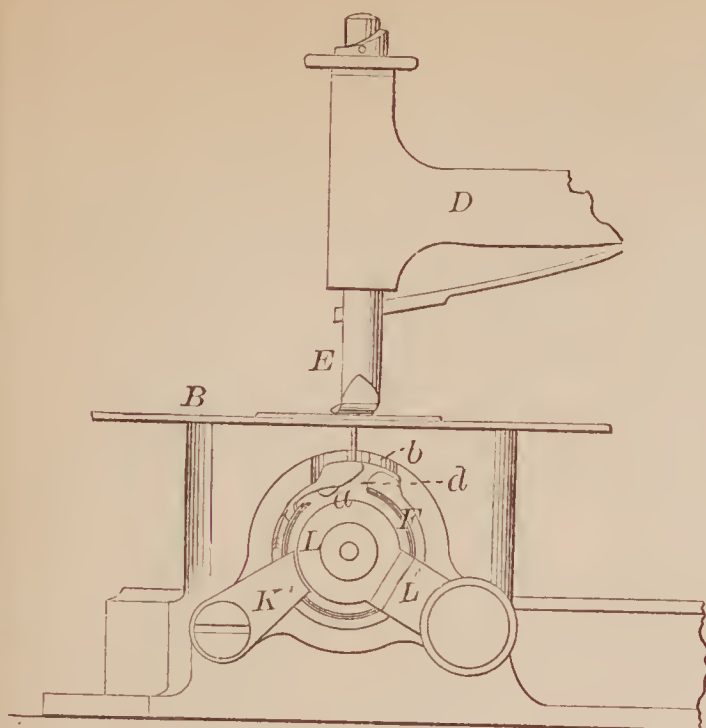
62044—J. K. Lowe—Bronzing Machine.



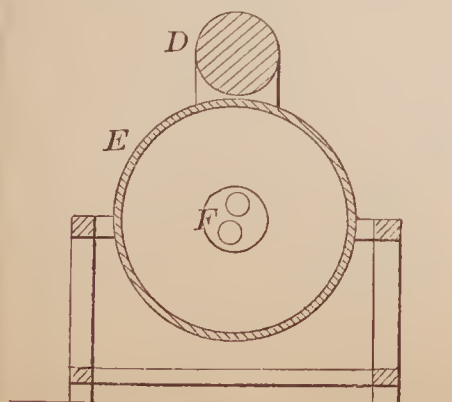
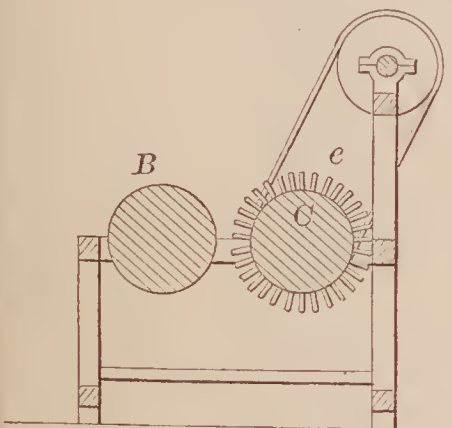
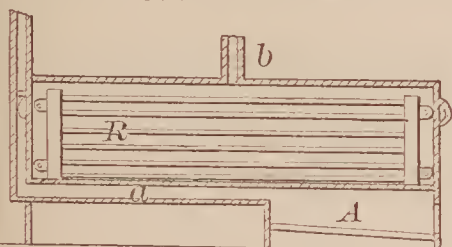
62049—A. D. McCoy—Tent Bedstead.



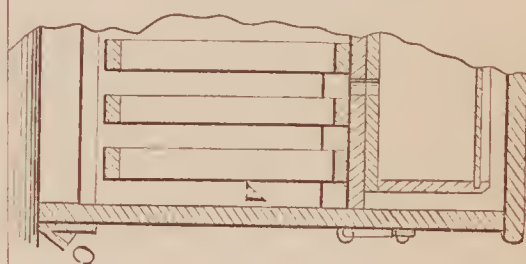
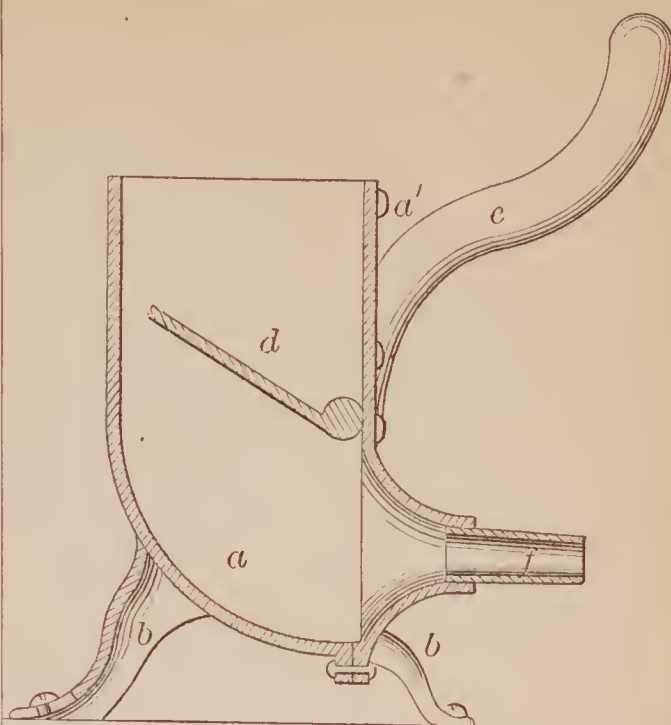
62050—J. S. McCurdy—*Sewing Machine.*



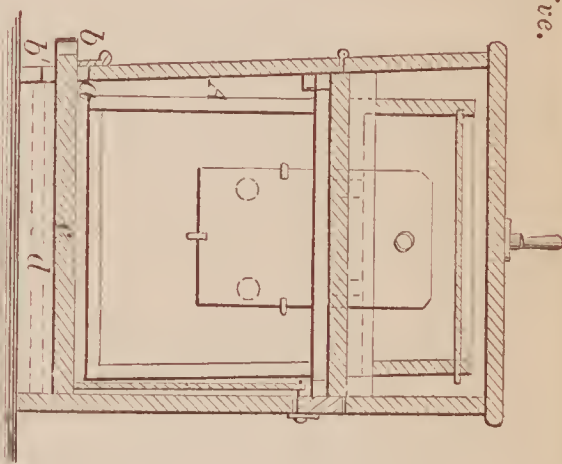
62055—W. Mullee—*Preparing India Rubber.*



62052—P. Miles—*Sausage Stuffer.*

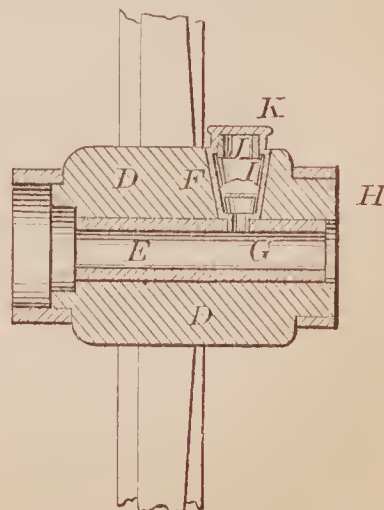


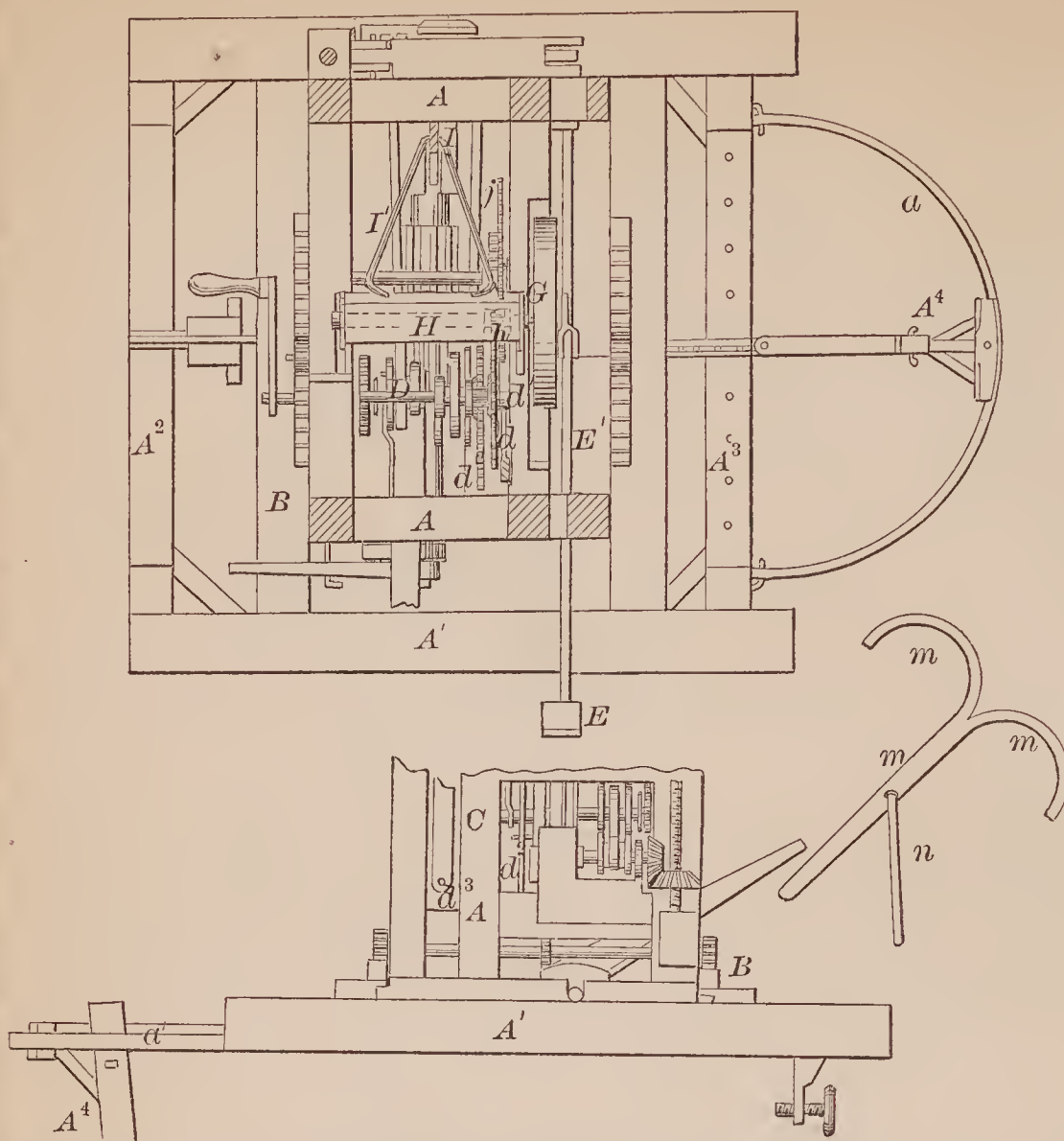
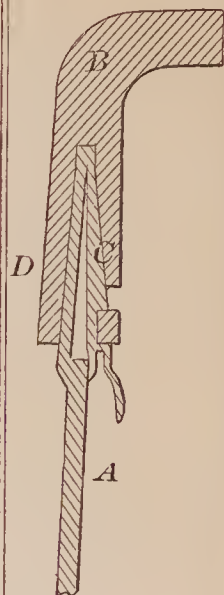
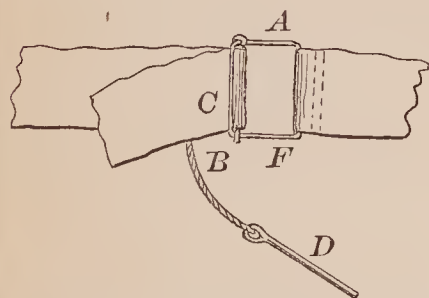
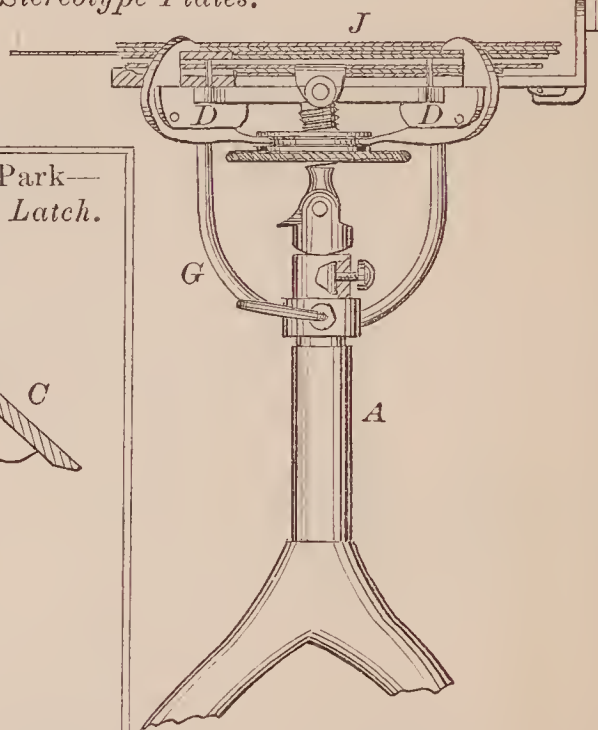
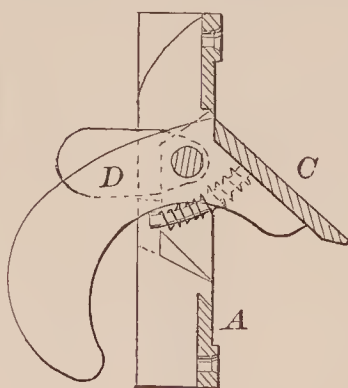
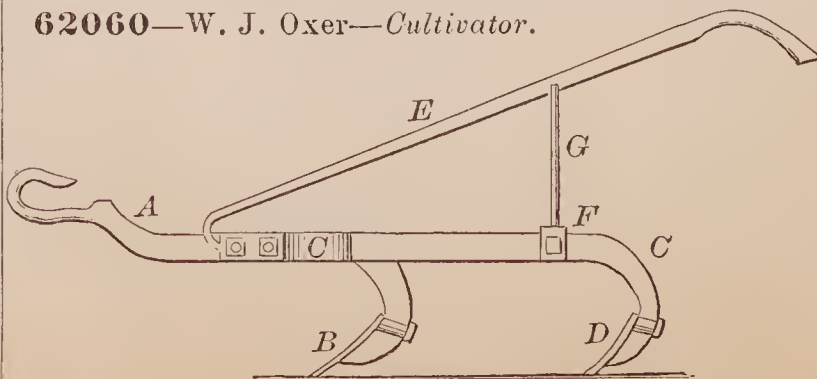
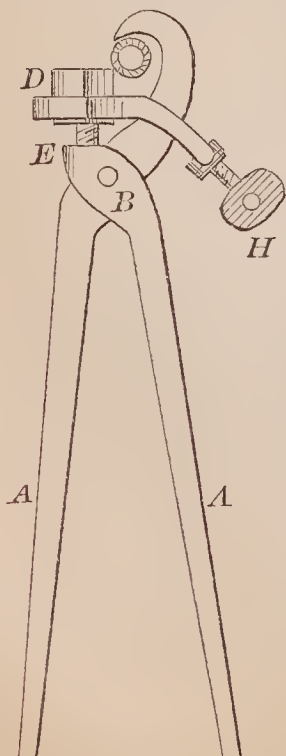
62051—C. McGrew—*Beehive.*



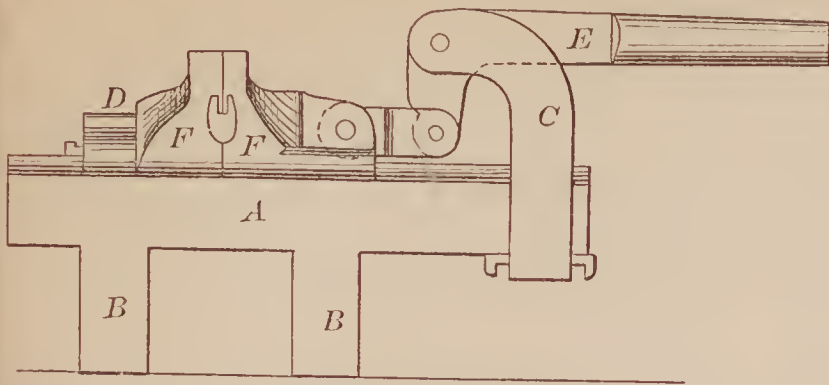
62053—W. P. Miller—*Fireplace.*

62054—J. F. Morris—*For Lubricating Axles.*

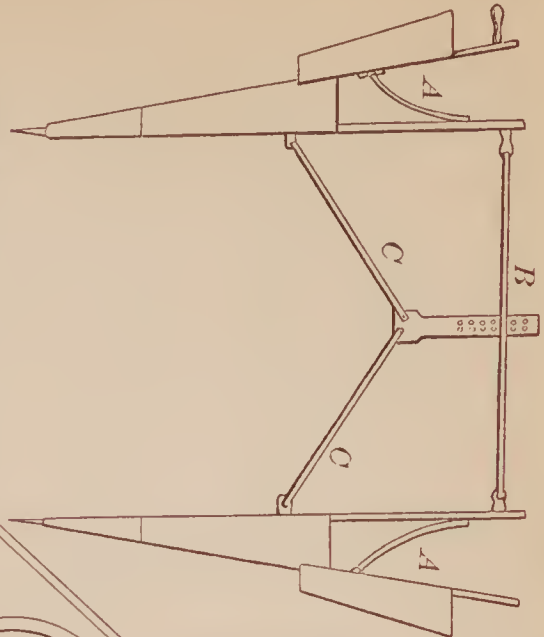


62056—W. M. Murrey—*Stone Dressing Machine.*62057—J. H. Nellis—*Attaching Bits to Braces.*62059—H. Neuman—*Buckle.*62058—W. Nelson—*Papier Mache Matrices for Stereotype Plates.*62061—J. A. Park—*Door and Gate Latch.*62060—W. J. Oser—*Cultivator.*62062—J. Peace—*Pipe Tongs and Cutter.*

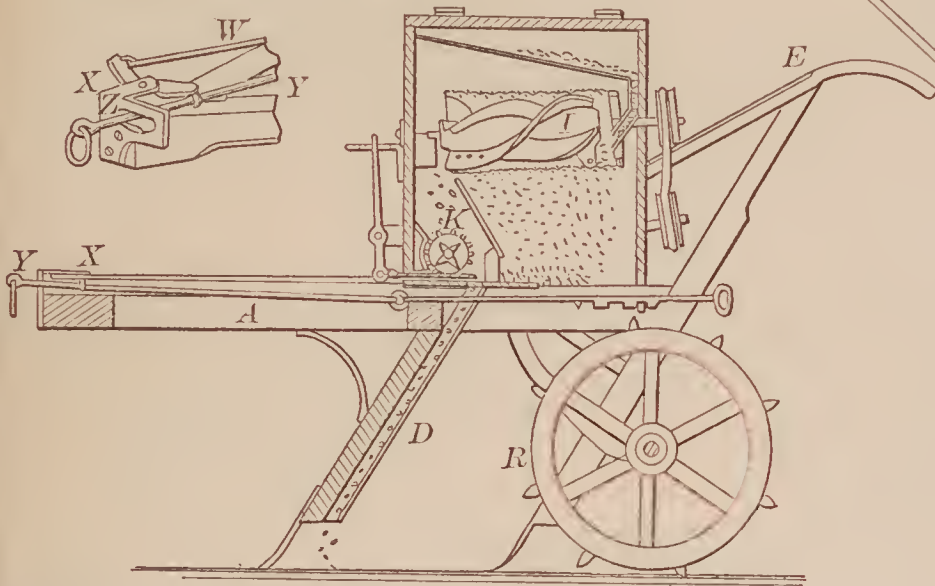
62063—J. Peace—*Skelp Bending Machine.*



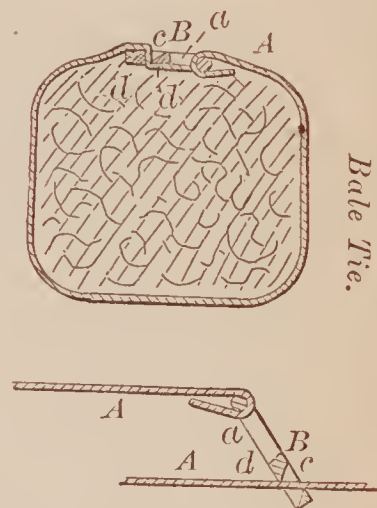
62067—J. M. Reeds—*Corn Planter.*



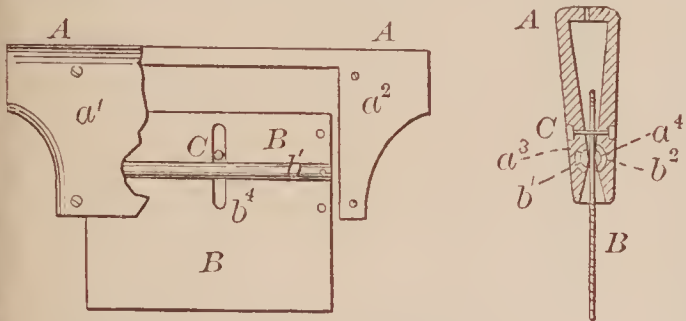
62066—H. Pulse—*Grain Drill.*



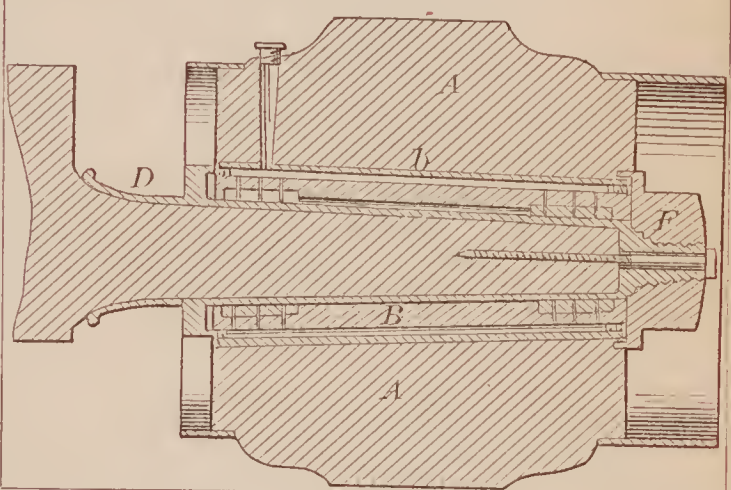
62069—J. Reinecker—*Cotton Bale Tie.*



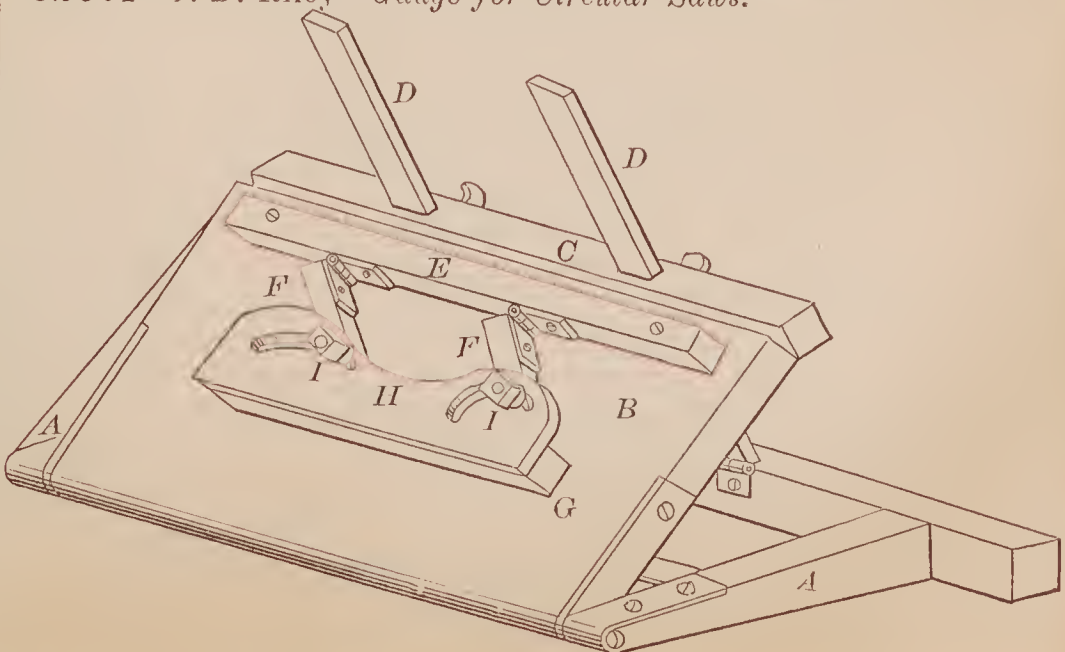
62064—Peters & Pauly—*Carrier's Slicker.*



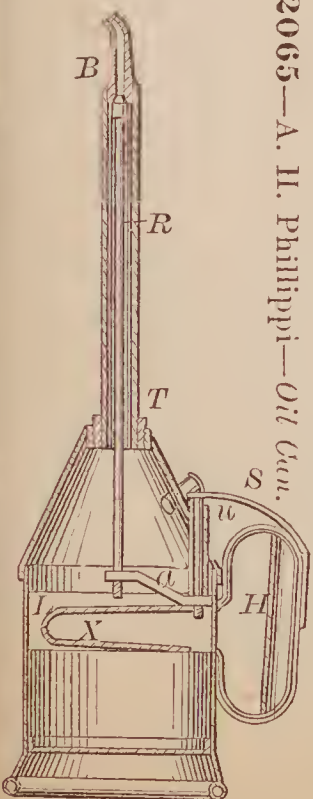
62068—J. Reilly—*Axle Box.*

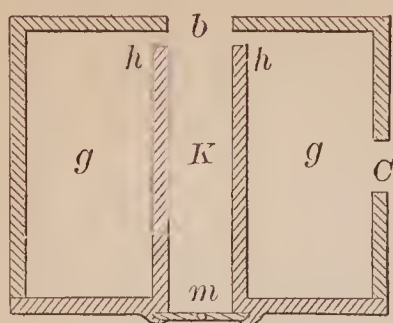
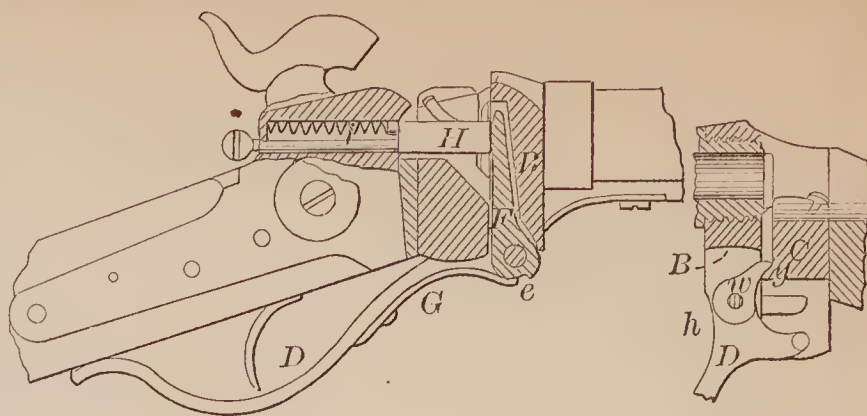
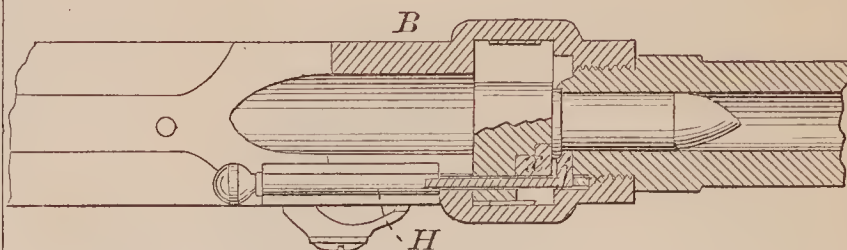
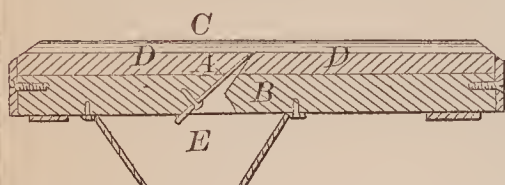
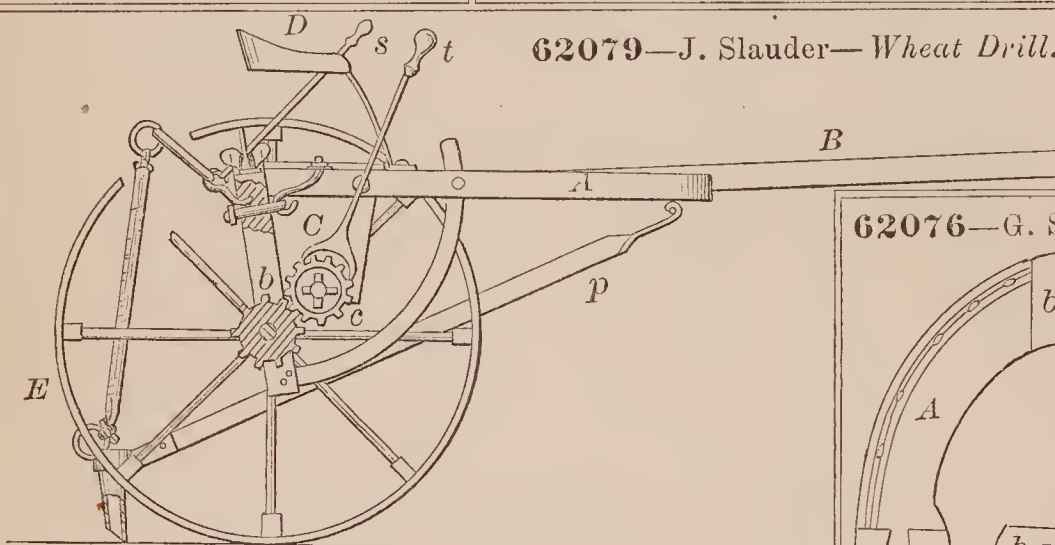
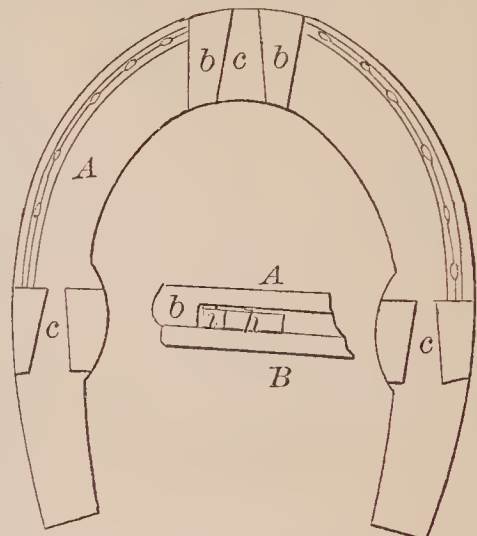
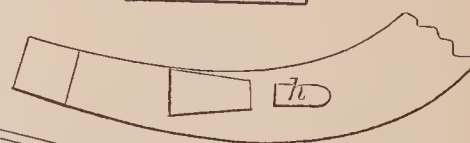
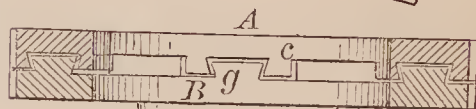
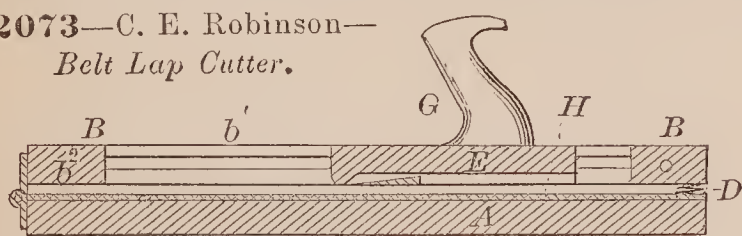
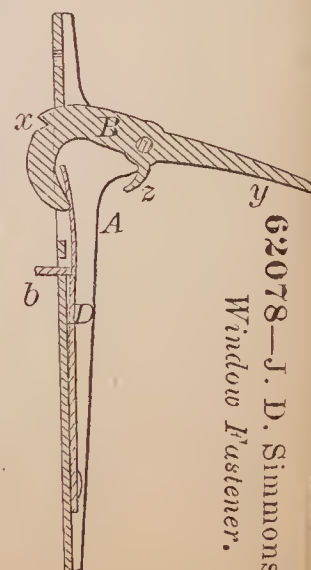
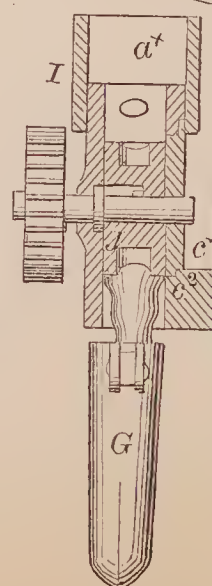
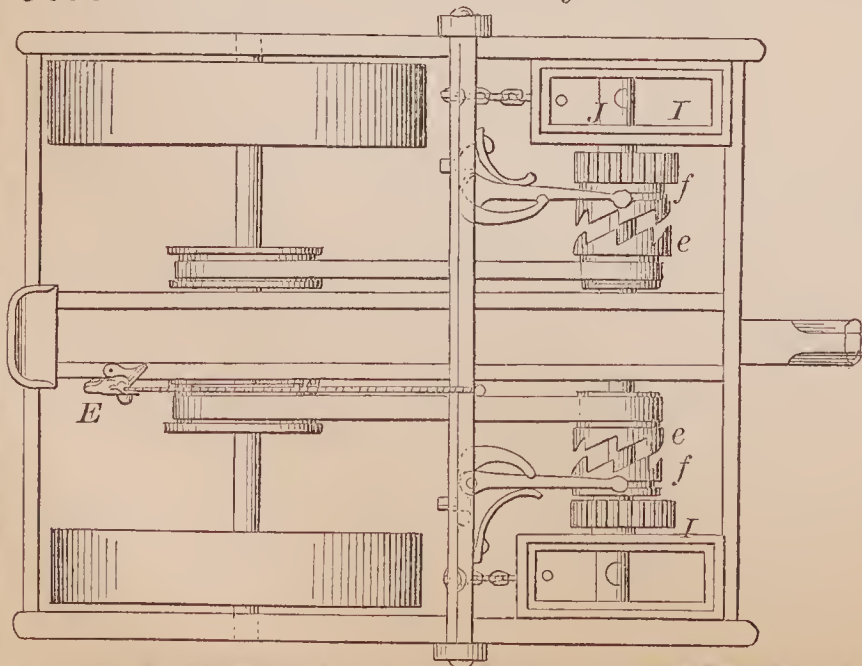


62071—J. D. Riley—*Gauge for Circular Saws.*

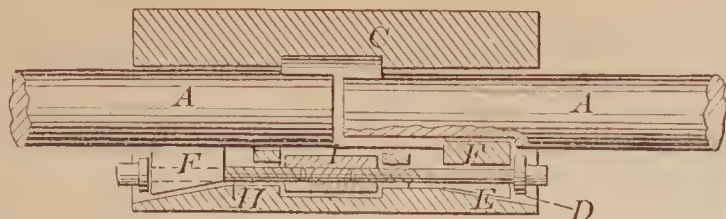


62065—A. H. Philippi—*Oil Can.*

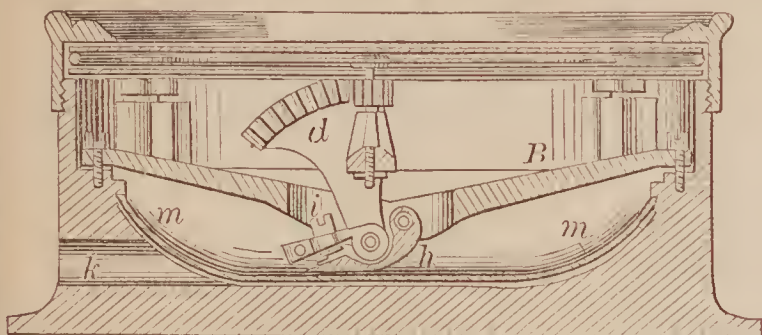


62072—W. E. Risher—*Forge*.62077—C Sharps—*Breech-Loading Fire Arm*.62075—J. Serrill—*Ice Planer*.62079—J. Slauder—*Wheat Drill*.62076—G. Sewell—*Horse Shoe*.62073—C. E. Robinson—*Belt Lap Cutter*.62080—Smith & Thurston—*Seeding Machine*.62078—J. D. Simmons—*Window Fastener*.

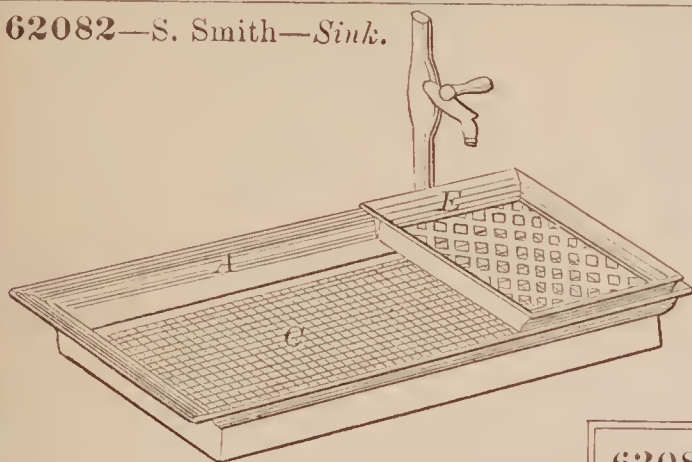
62081—H. K. Smith—*Shaft Coupling.*



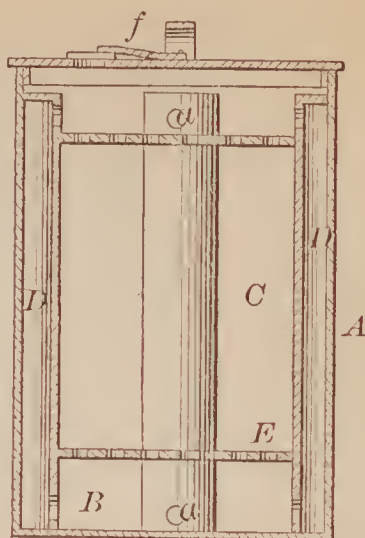
62083—W. Stamp—*Steam Gauge.*



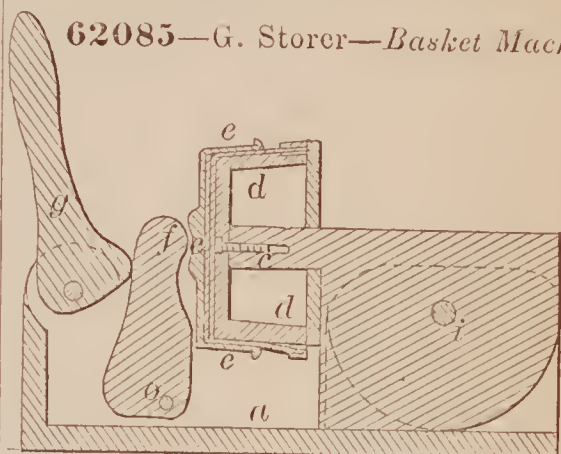
62082—S. Smith—*Sink.*



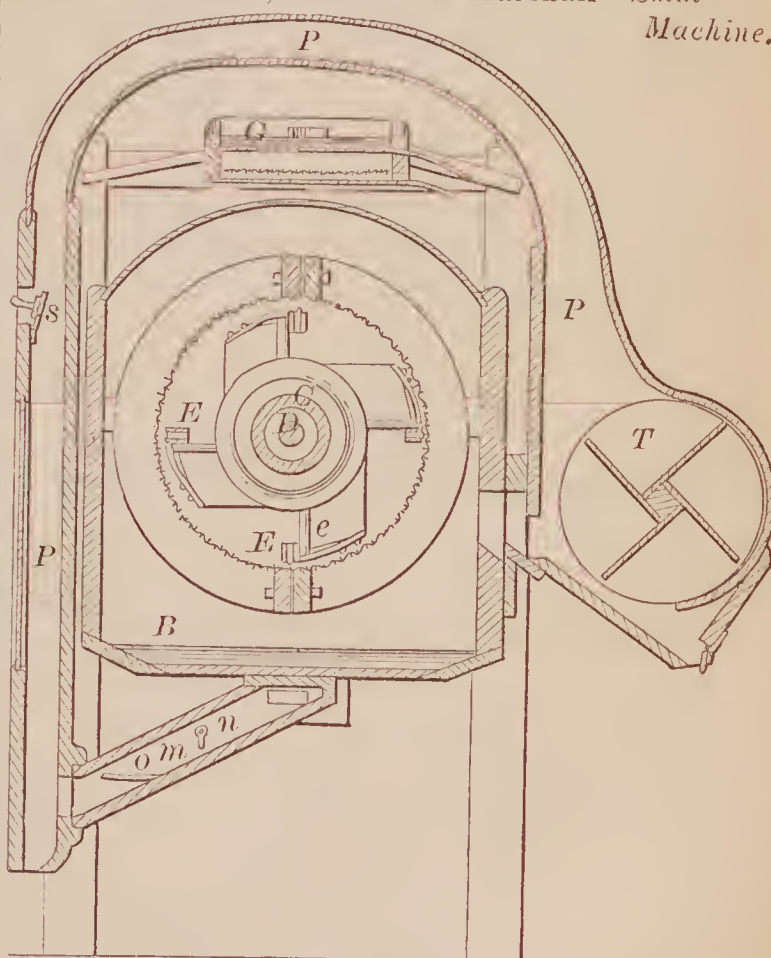
62084—M. W. Staples—*Wash Boiler.*



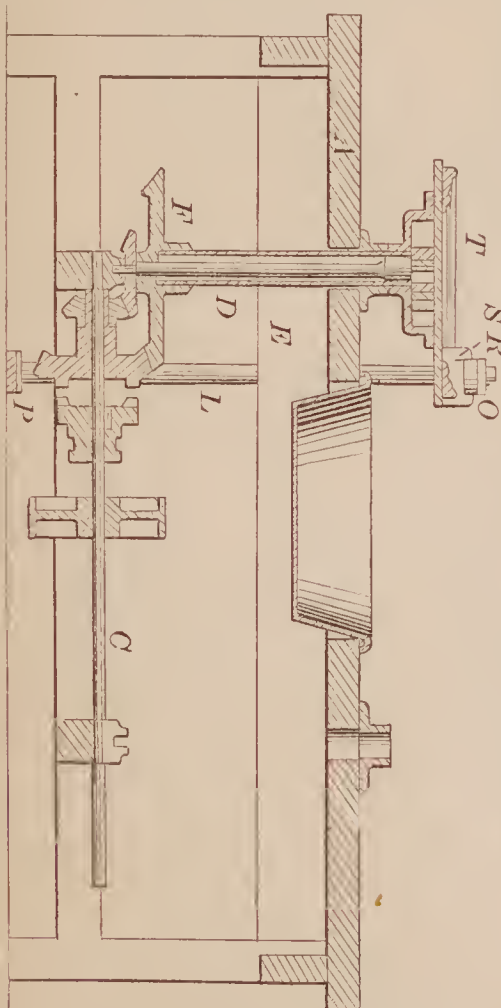
62085—G. Storer—*Basket Machine.*



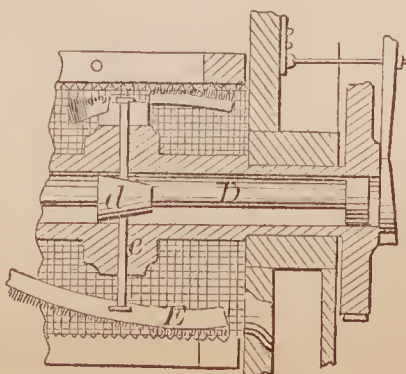
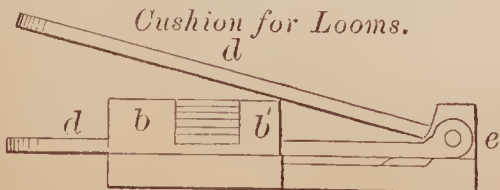
62088—Tickler, Marshall & Marshall—*Smut Machine.*



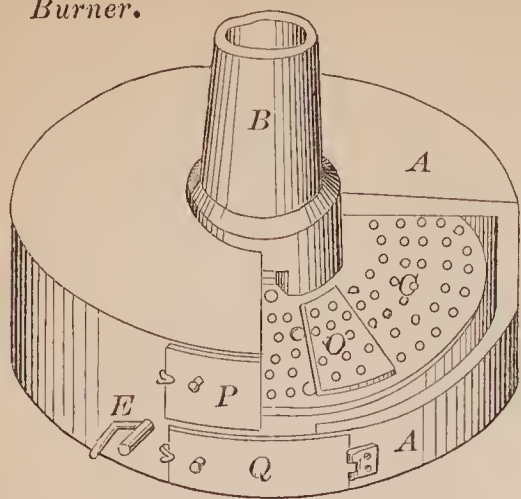
62086—J. E. Sweet—*For Making Oval Picture Frames.*



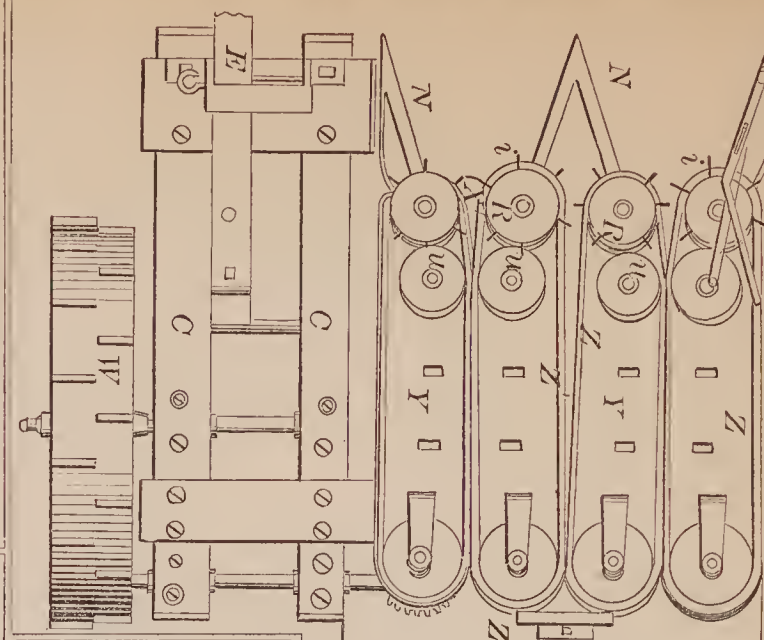
62087—W. J. Thorn—*Picker Cushion for Looms.*



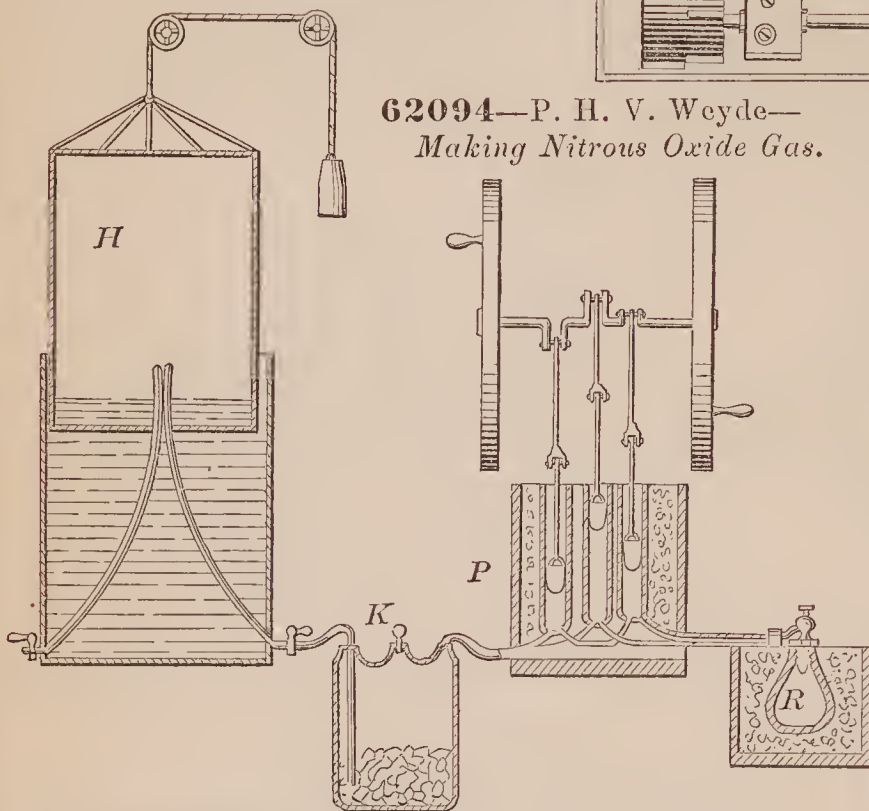
62089—W. H. Towers—*Brick Burner.*



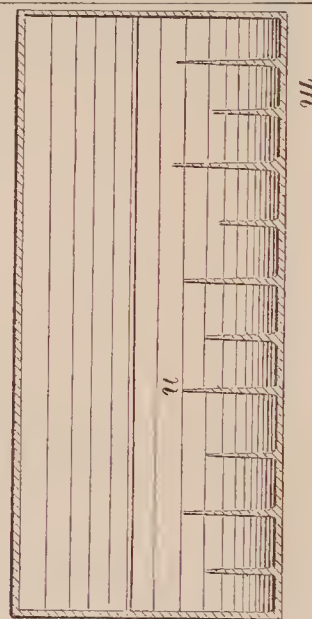
62090—S. W. Tyler—*Flax Pulling Machine.*



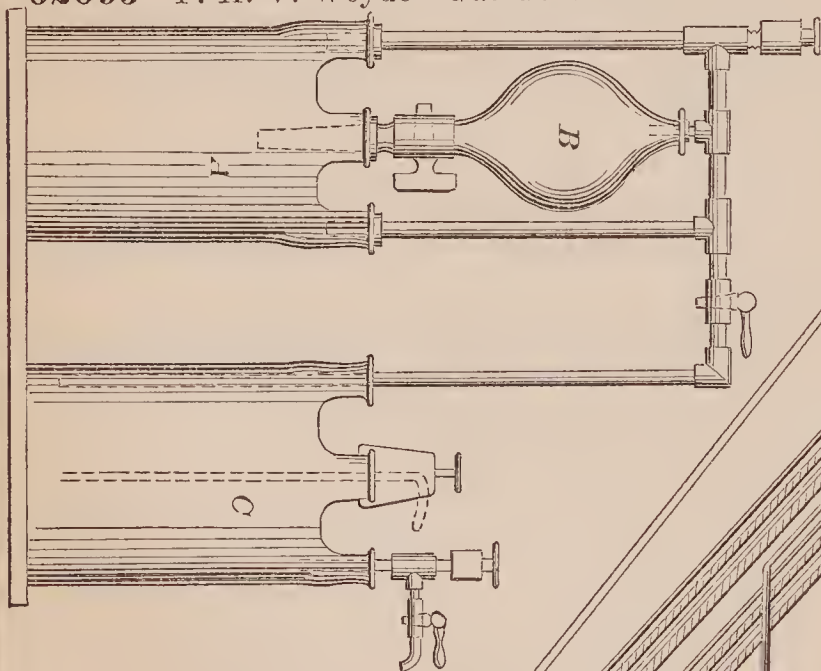
62094—P. H. V. Weyde—*Making Nitrous Oxide Gas.*



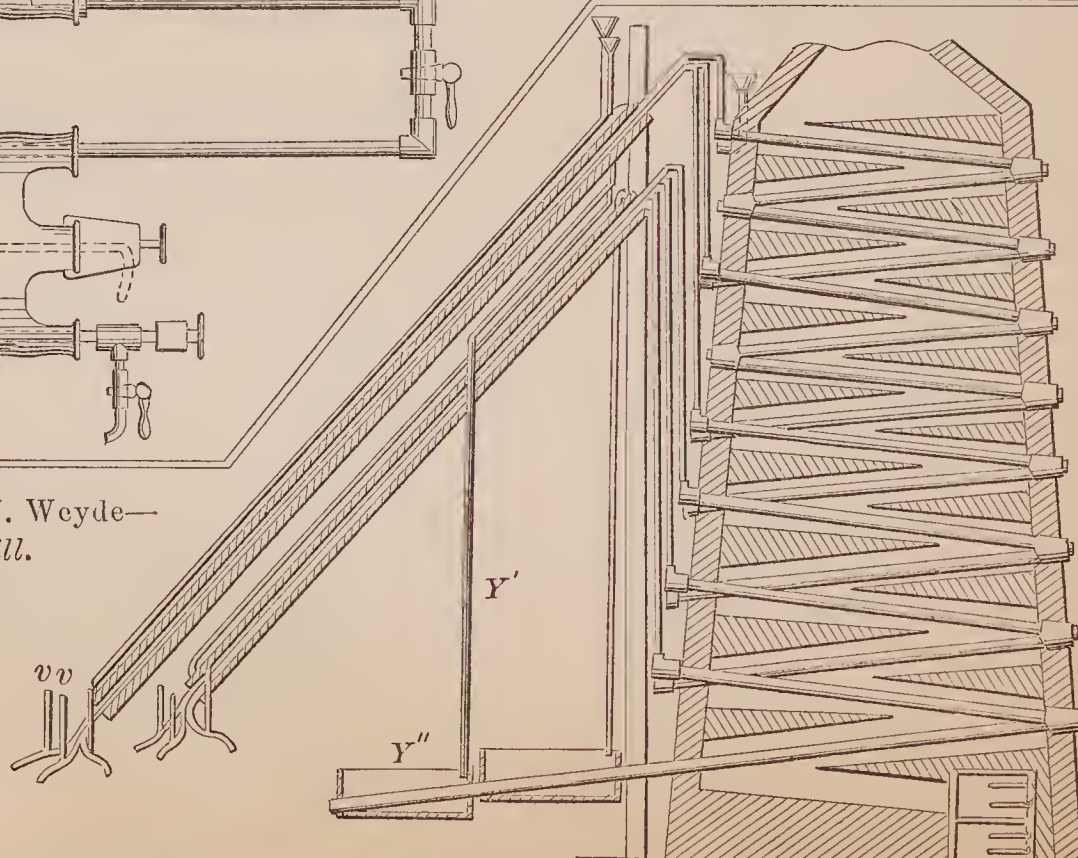
62093—P. H. V. Weyde—*Preventing Incrustation of Steam Boilers.*



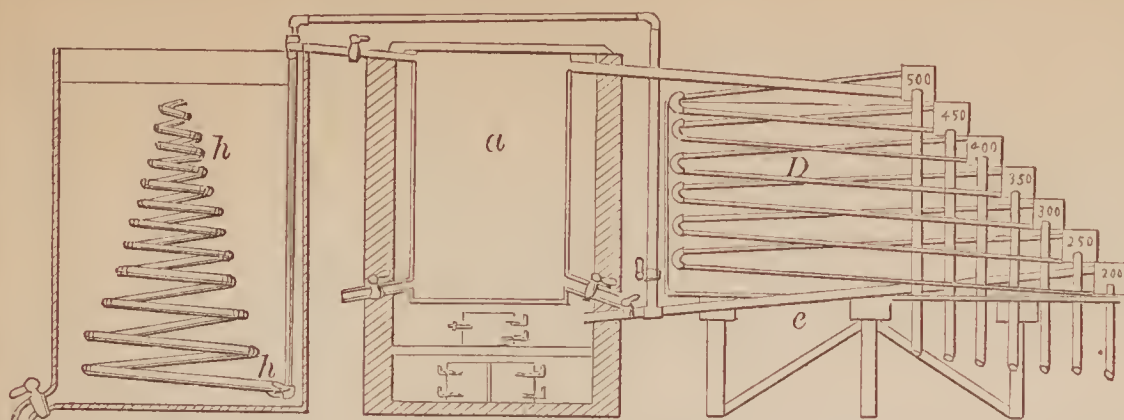
62095—P. H. V. Weyde—*Gas Generator.*



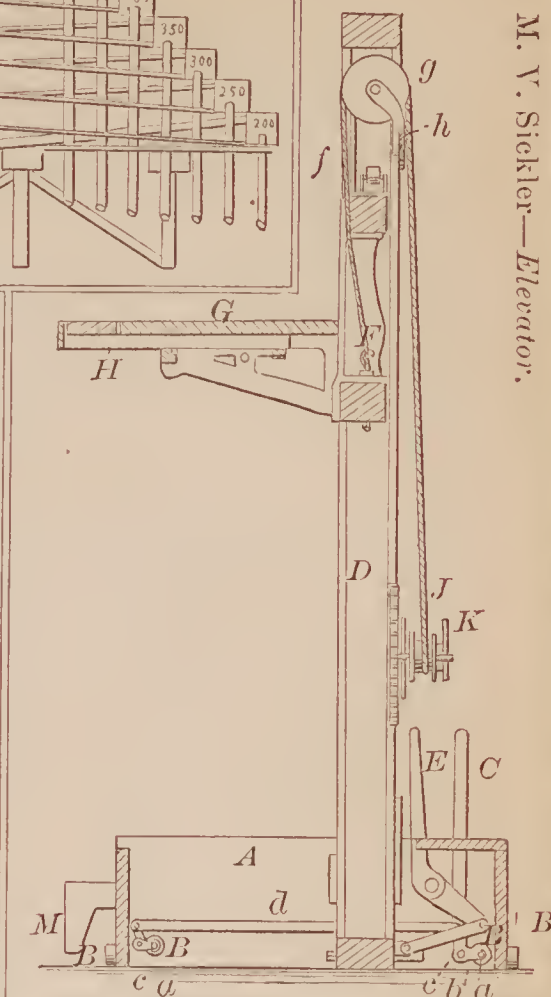
62096—P. H. V. Weyde—*Tubular Still.*



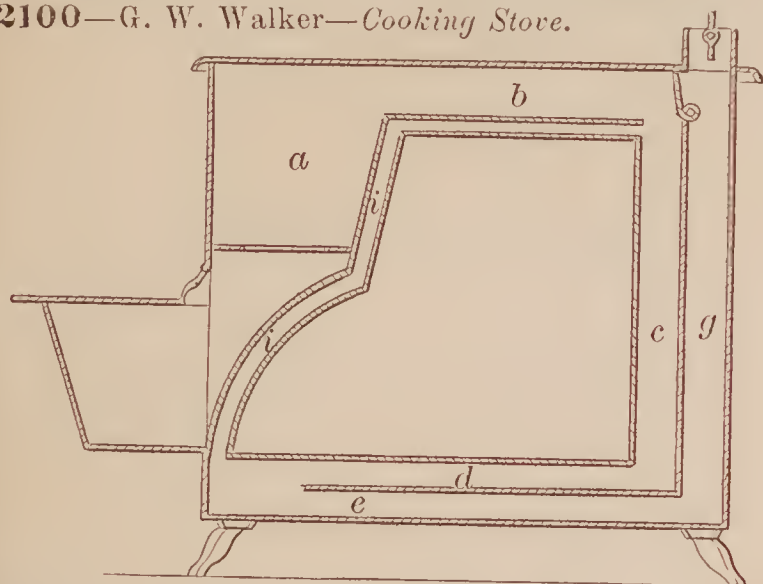
62097—P. H. V. Weyde—*White Lead Manufacture.*



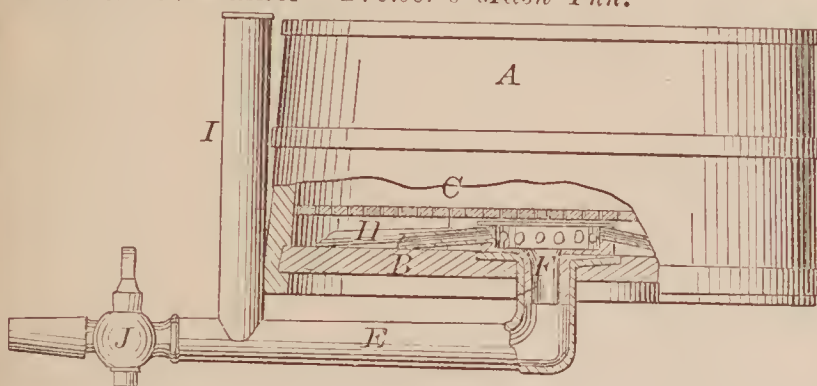
62098—R. M. V. Sickler—*Elevator.*



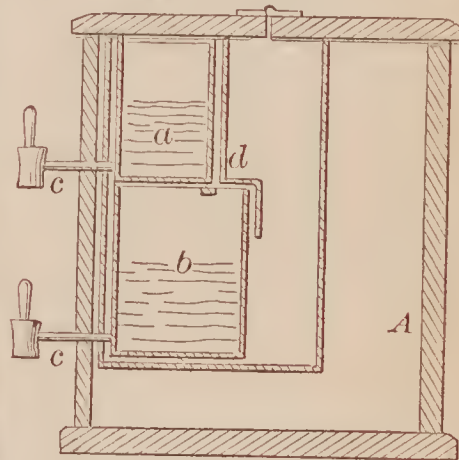
62100—G. W. Walker—*Cooking Stove.*



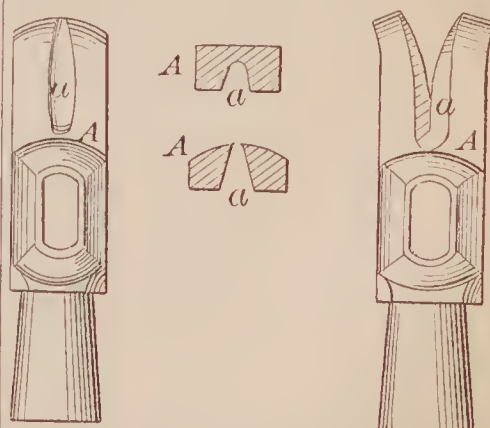
62101—J. Walker—*Brewer's Mash Tun.*



62099—A. V. Winkle—*Soda Water Stand.*



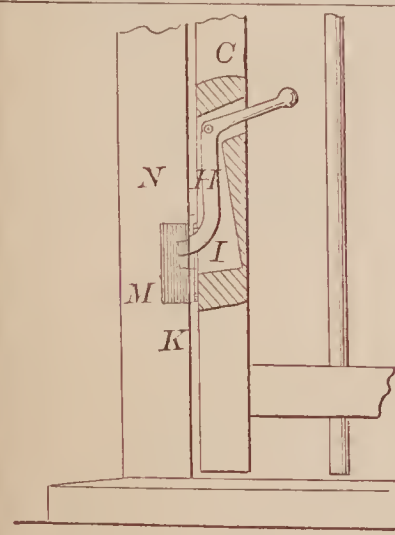
62105—J. Yerkes—*Hammer.*



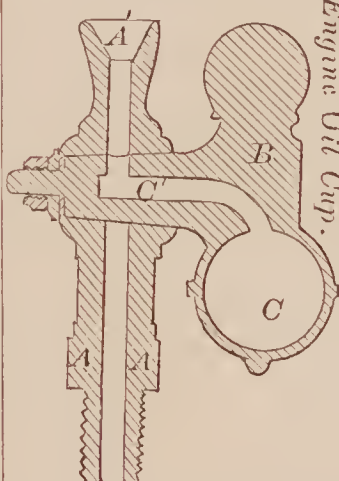
62106—A. Allbright—*Covering Harness Trimmings with Vulcanized Rubber.*



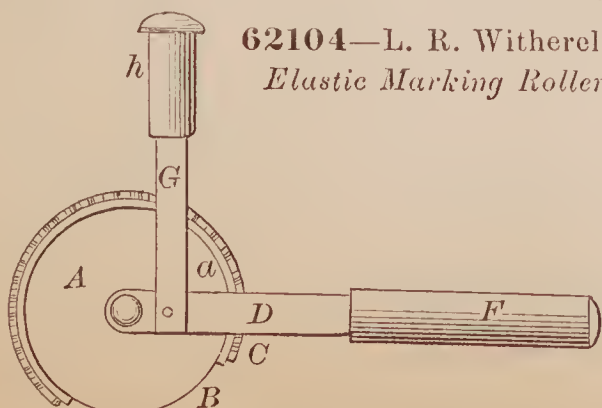
62102—W. T. Wells—*Gate Latch.*

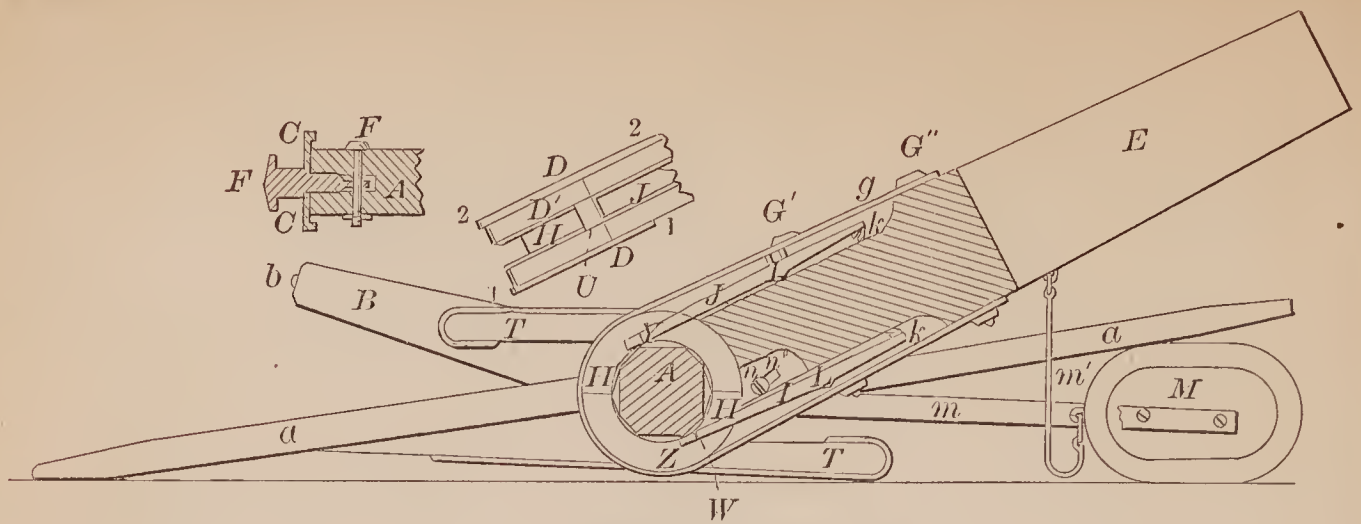
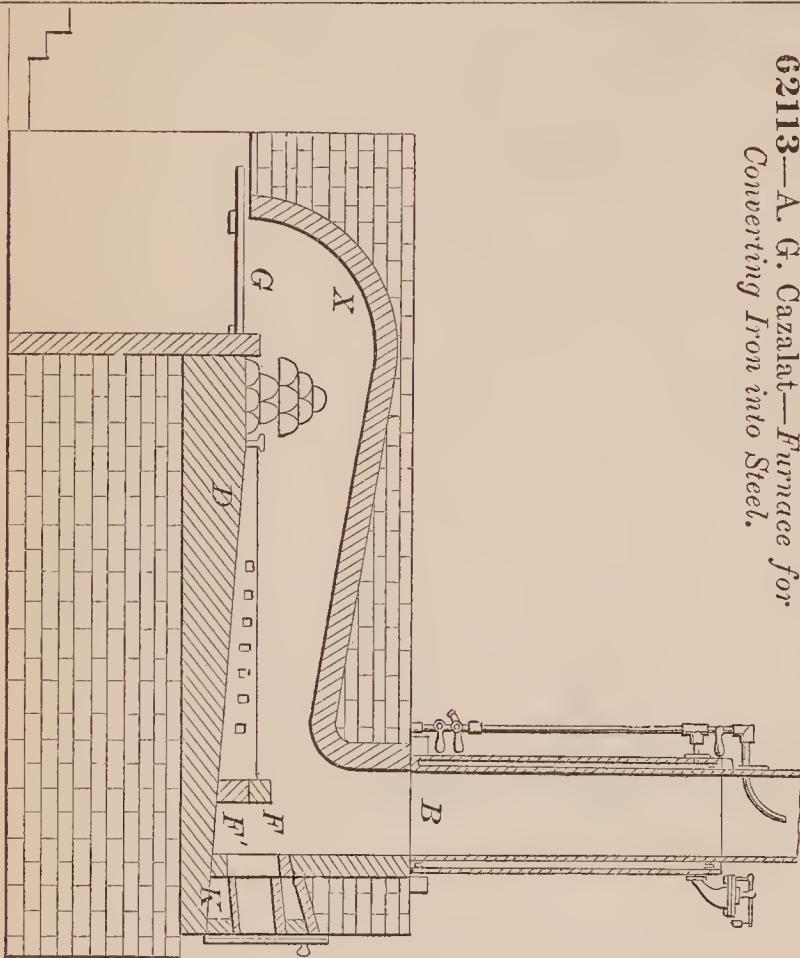
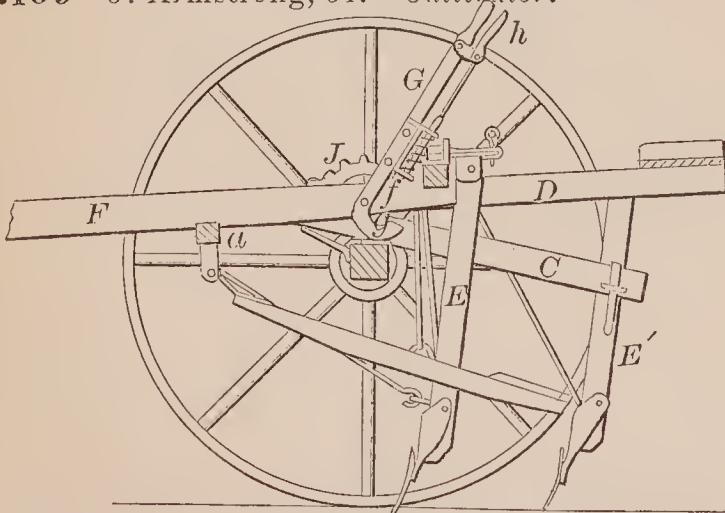
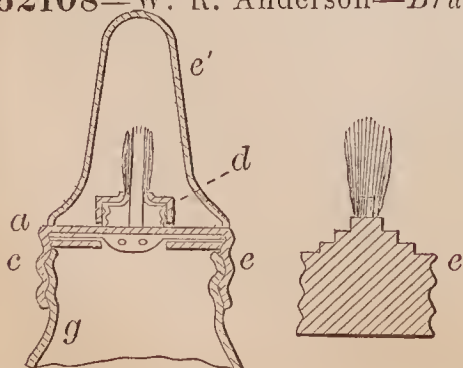
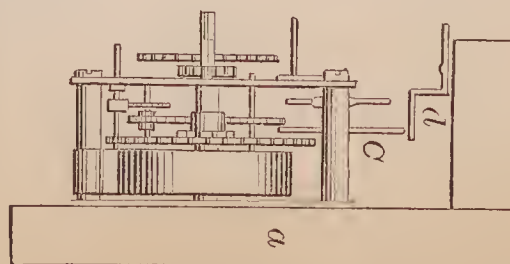
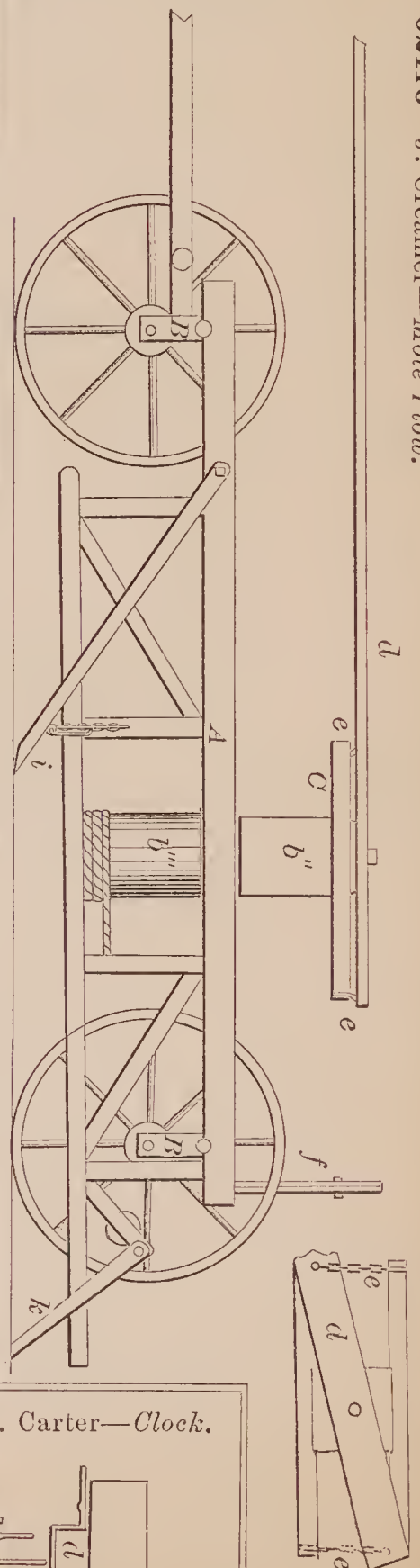


62103—J. Wildback—*Steam Engine Oil Cup.*

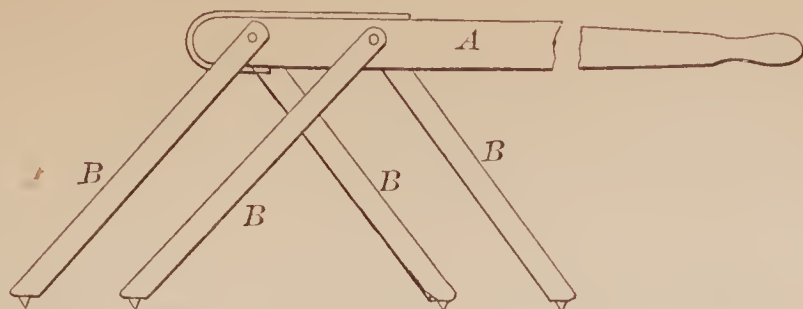


62104—L. R. Witherell—*Elastic Marking Roller.*

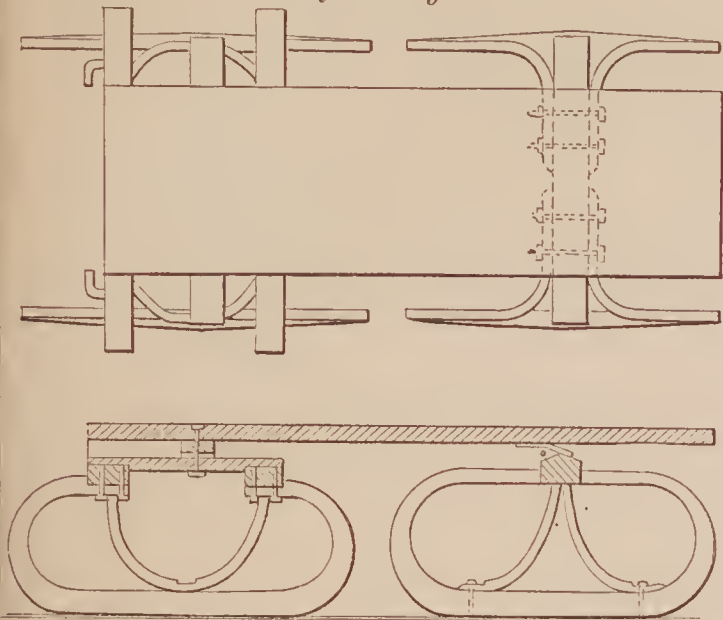


62107—S. E. Ament—*Horse Rake.*62113—A. G. Cazalat—*Furnace for
Converting Iron into Steel.*62109—J. Armstrong, Jr.—*Cultivator.*62108—W. R. Anderson—*Brush.*62112—L. F. & W. W. Carter—*Clock.*62116—J. Creamer—*Mole Plow.*

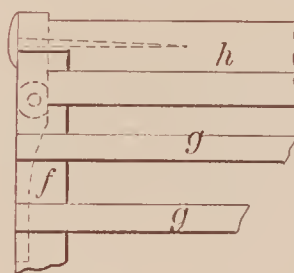
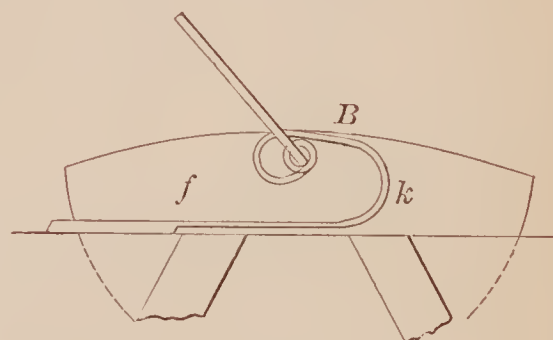
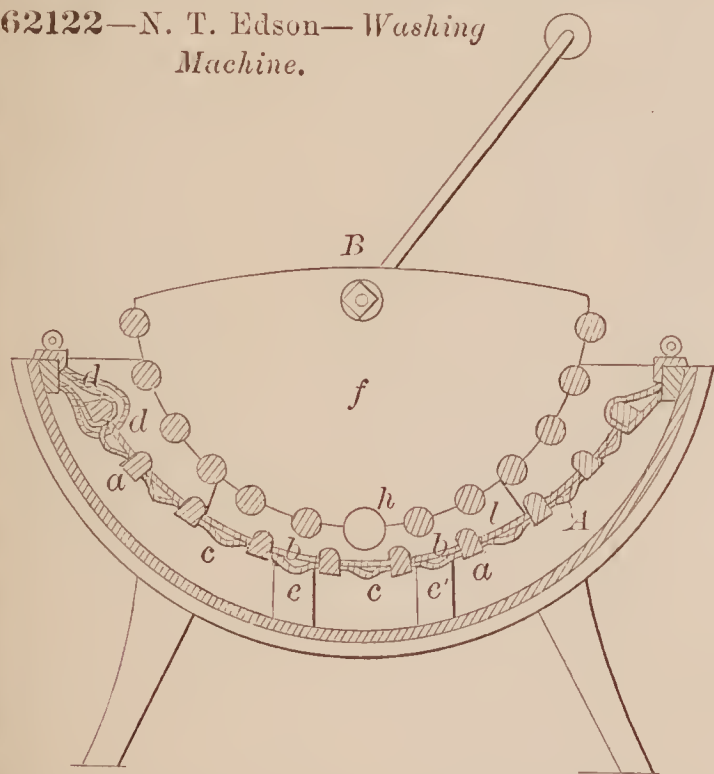
62117—A. M. Culver—*Lifting Jack.*



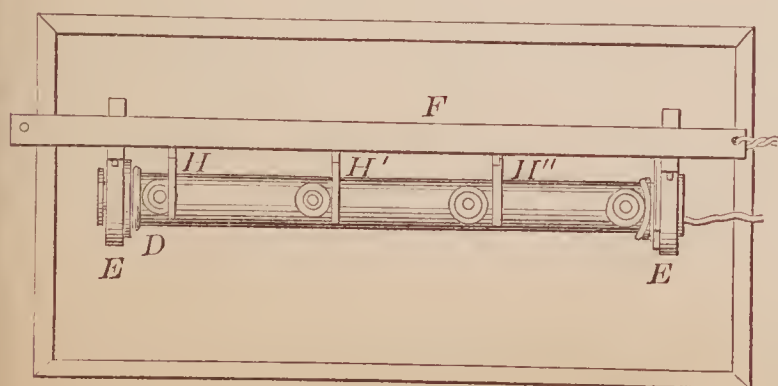
62119—A. E. Doty—*Sleigh.*



62122—N. T. Edson—*Washing Machine.*



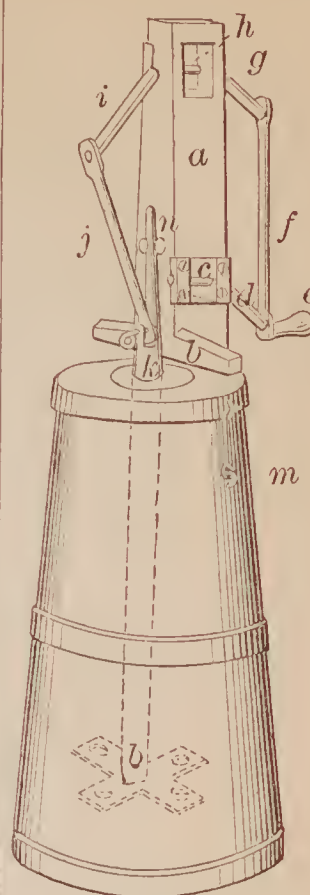
62125—S. Gardnier, Jr.—*Lighting Gas by Electricity.*



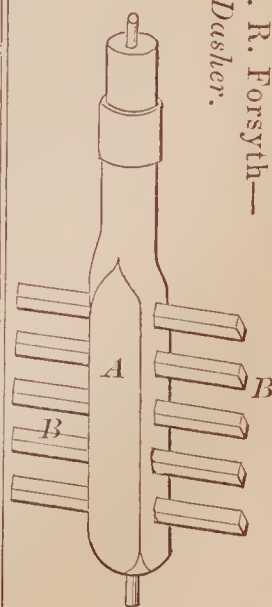
62123—J. Eglin—*Drift.*



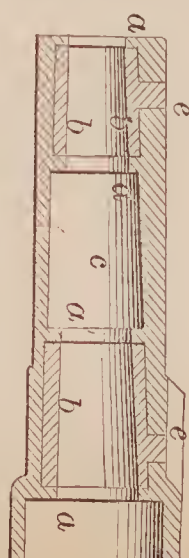
62121—B. R. Eaton—*Churn.*

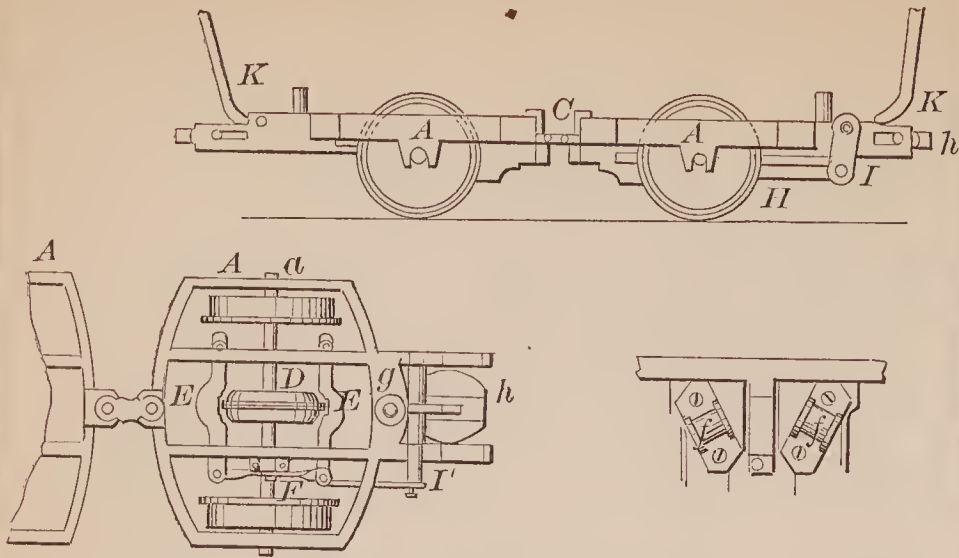
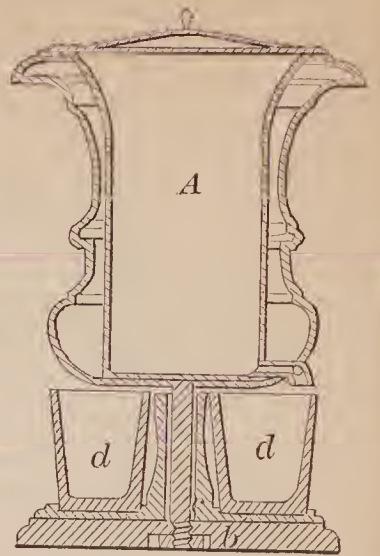
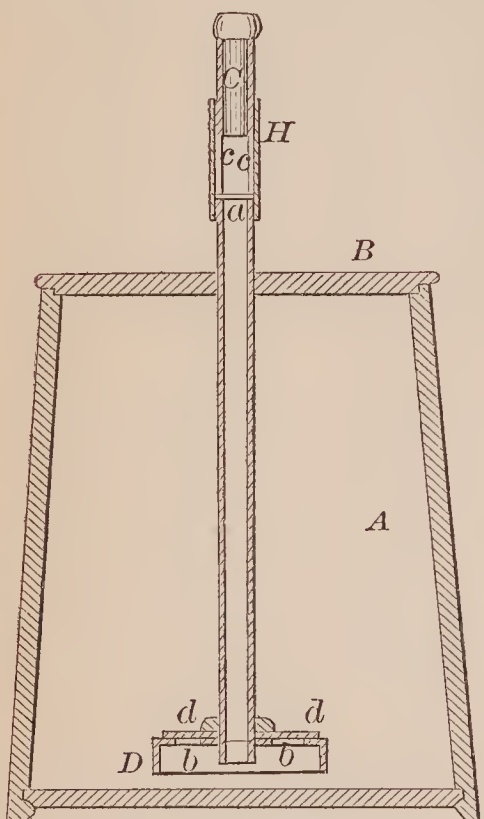
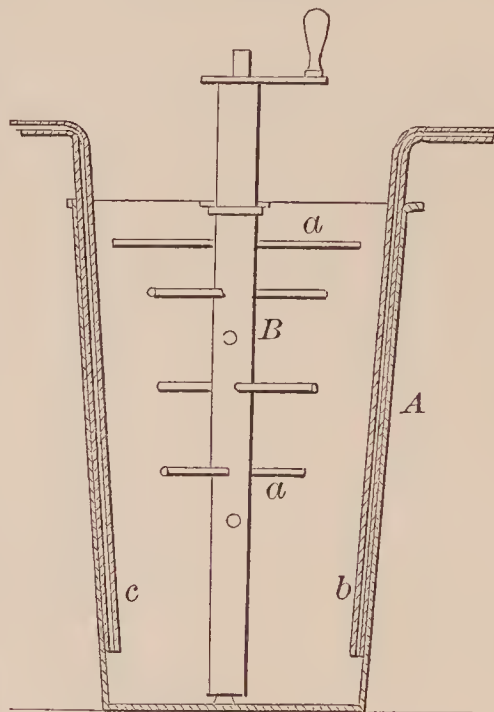
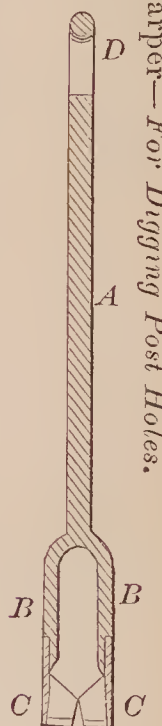
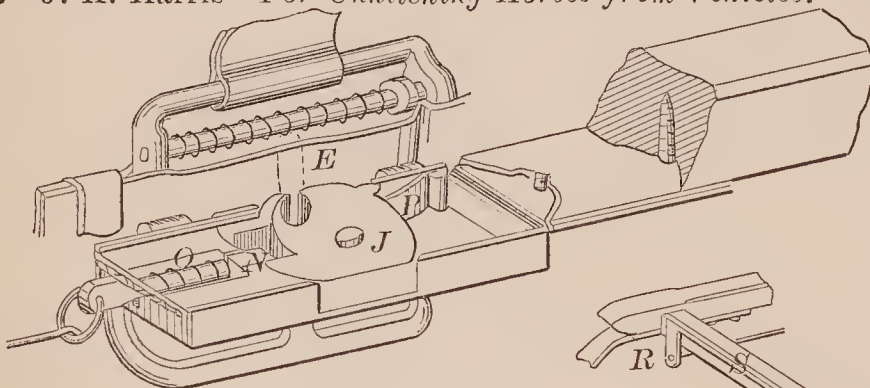
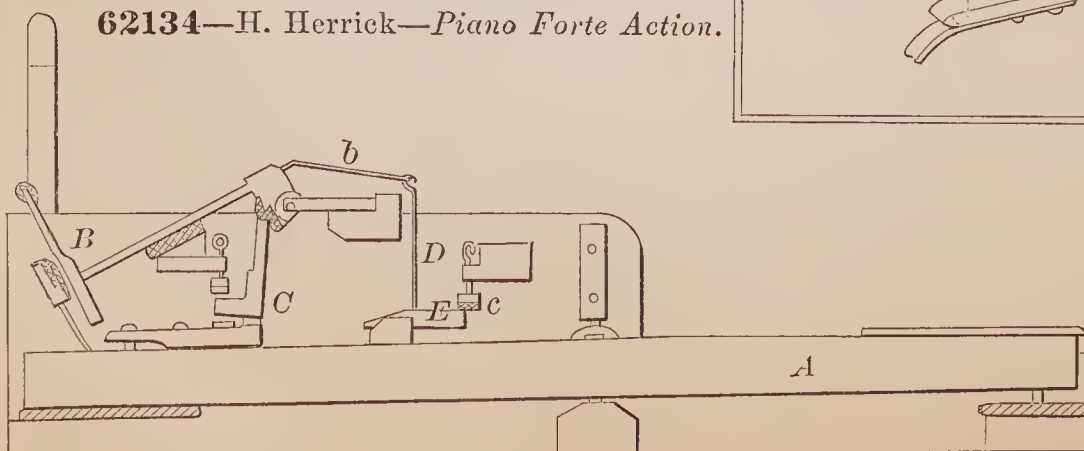
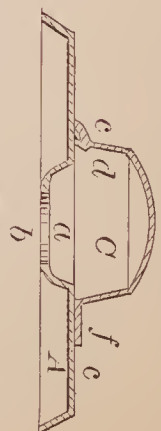


62124—G. R. Forsyth—*Churn Dasher.*

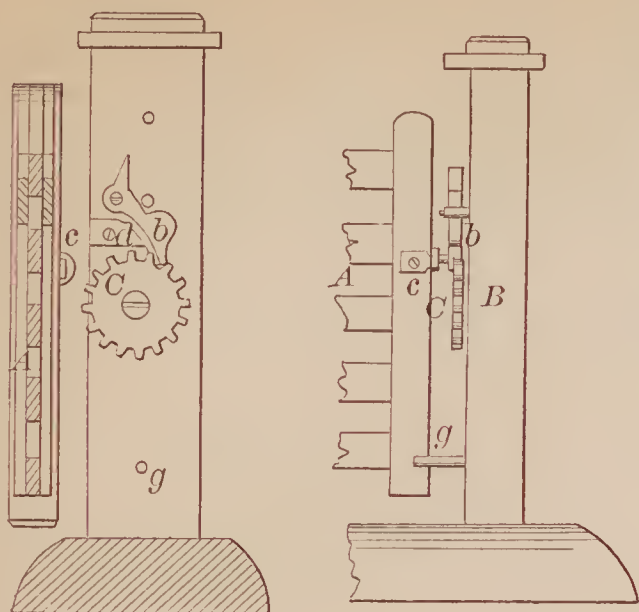


62126—C. F. Gillette—*Axle Box.*

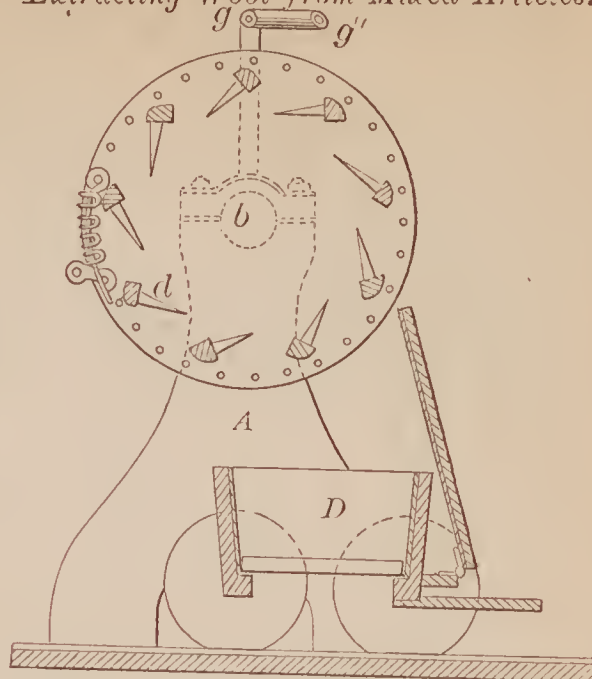


62127—A. Gregg—*Railway Car.*62133—W. H. Hart—*Ice Water Receptacle.*62129—B. Handforth—*Churn.*62130—H. Hannen—*Carbonate of Lead Manufacture.*62131—J. W. Harper—*For Digging Post Holes.*62132—J. K. Harris—*For Unhitching Horses from Vehicles.*62134—H. Herrick—*Piano Forte Action.*62135—G. H. Howard—*Cap for Coffin Screws.*

62136—S. E. James—*Gate Fastening.*



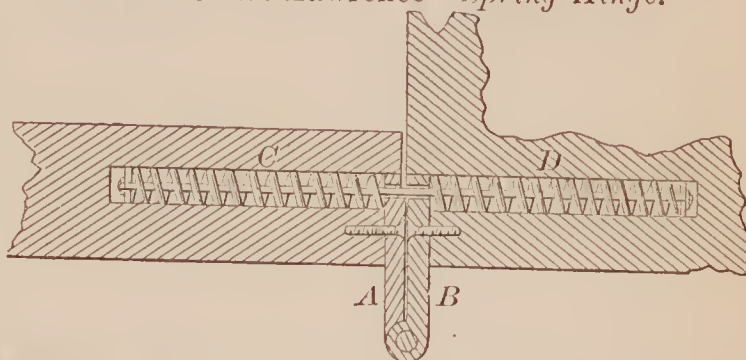
62139—Knowles & Barraclough—*For Extracting Wool from Mixed Articles.*



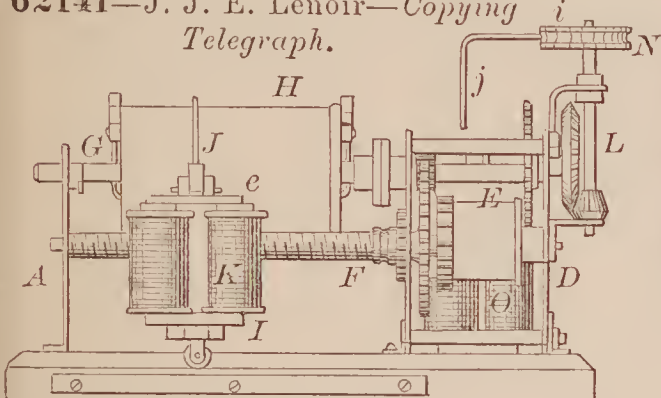
62137—J. Johnson—*Pipe Tongs.*



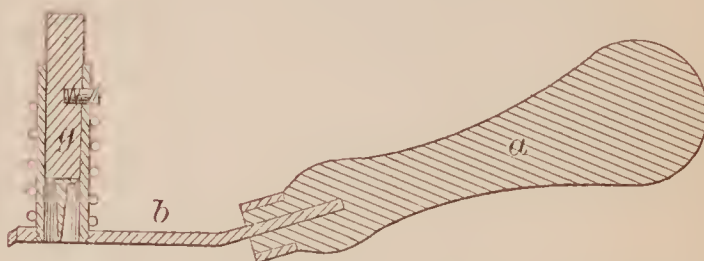
62140—C. W. Lawrence—*Spring Hinge.*



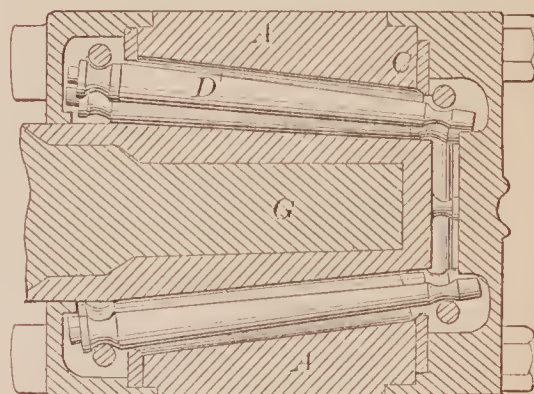
62141—J. J. E. Lenoir—*Copying Telegraph.*



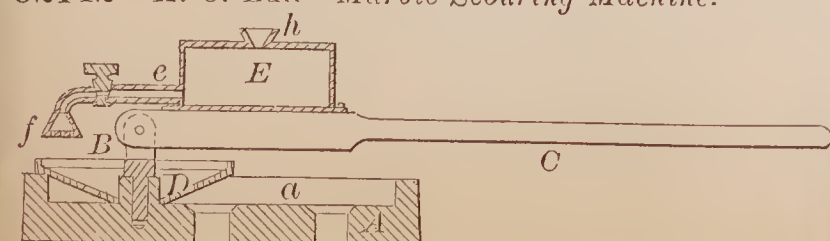
62138—W. J. Johnson—*Carpet Stretcher.*



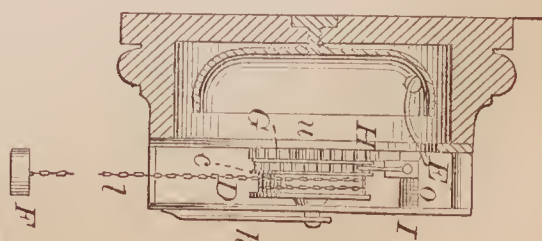
62143—G. F. Lynch—*Railroad Box and Journal.*



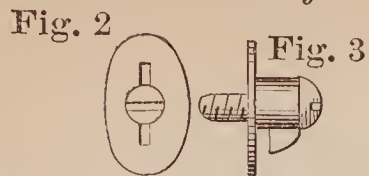
62142—H. C. Lull—*Marble Scouring Machine.*



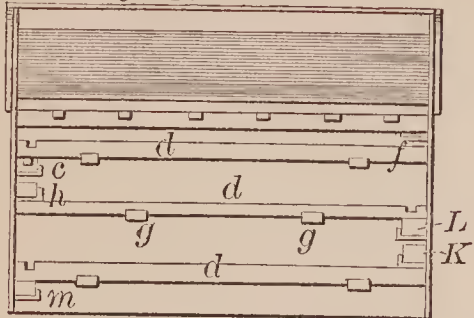
62144—G. B. Massey—*Leakage Alarm.*



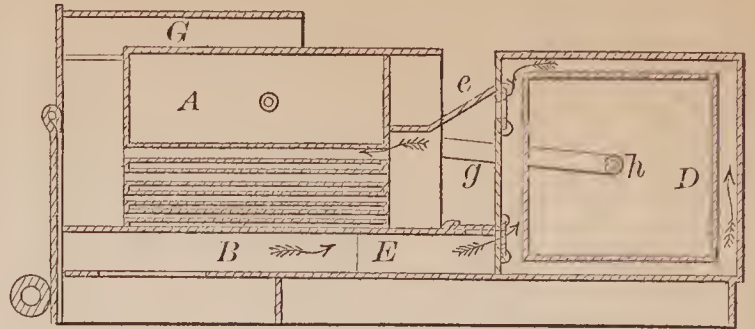
62145—T. McPherson—*Carriage
Curtain Fastening.*



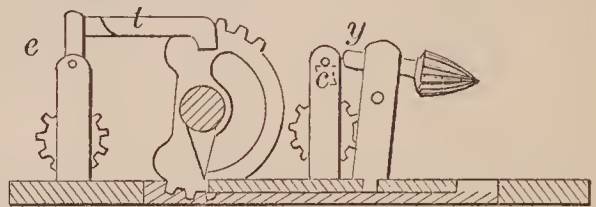
62146—F. Michael—*Sugar
Granulating Apparatus.*



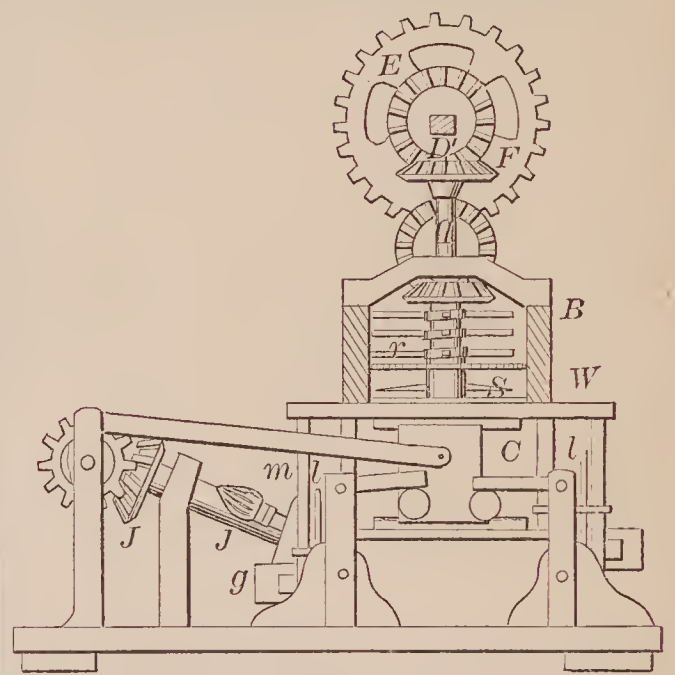
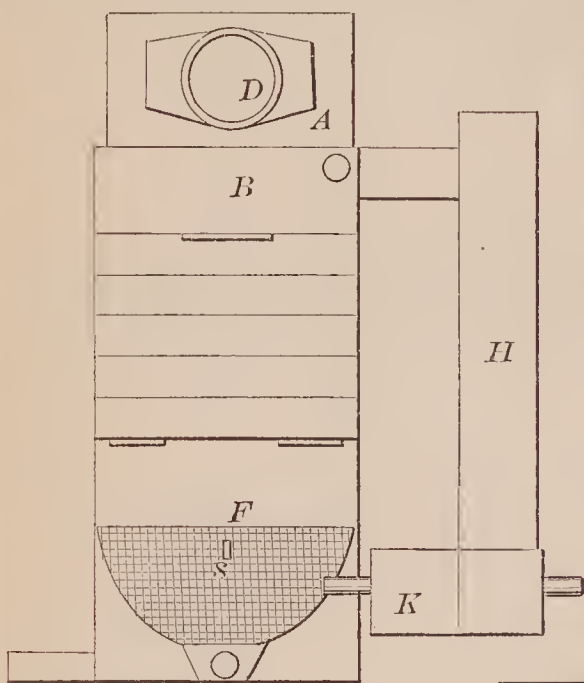
62148—F. Milliken—*Steam Heating and Cooking.*



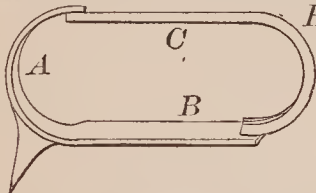
62149—I. Morley—*Brick Machine.*



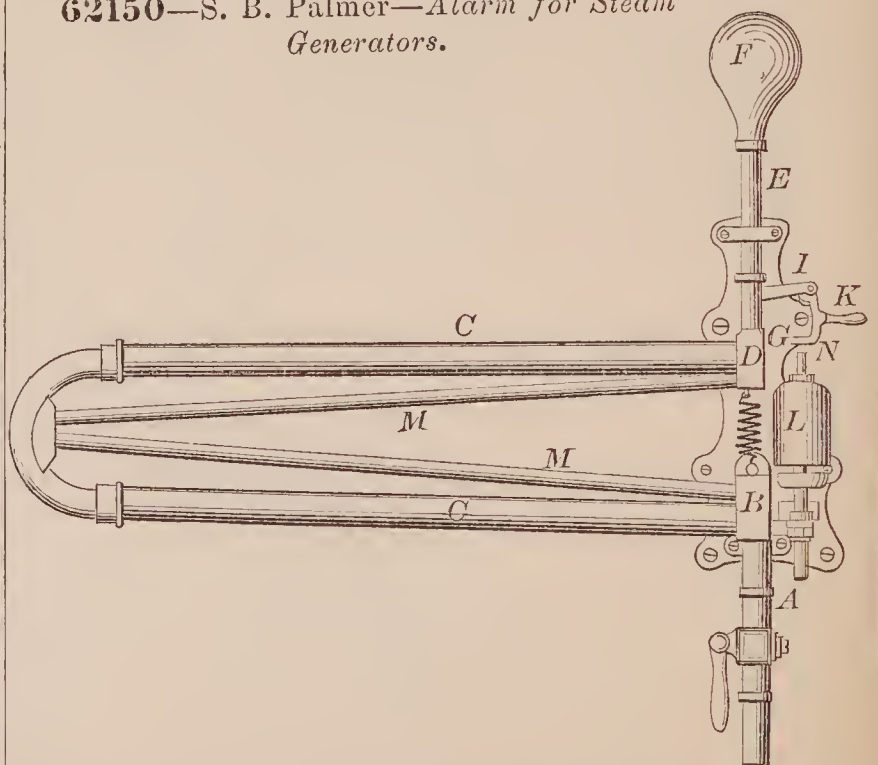
62147—F. Michael—*Evaporator.*



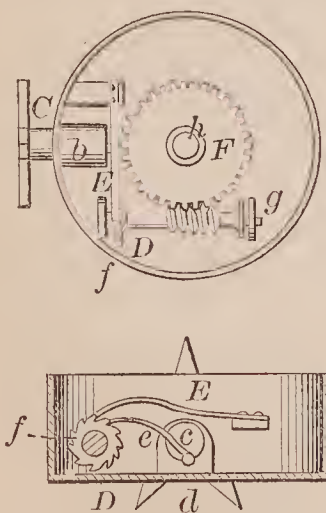
62151—O. M. Pond—*Corn
Husker.*



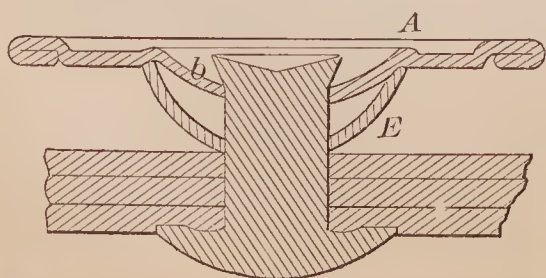
62150—S. B. Palmer—*Alarm for Steam
Generators.*



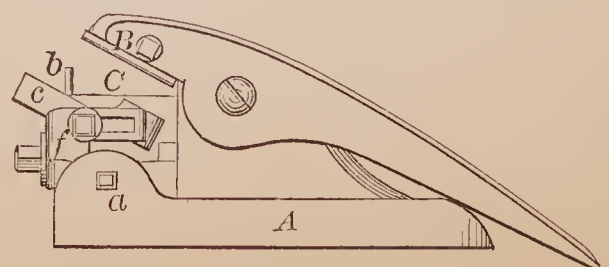
62152—Prescott & Judson—
Odometer.



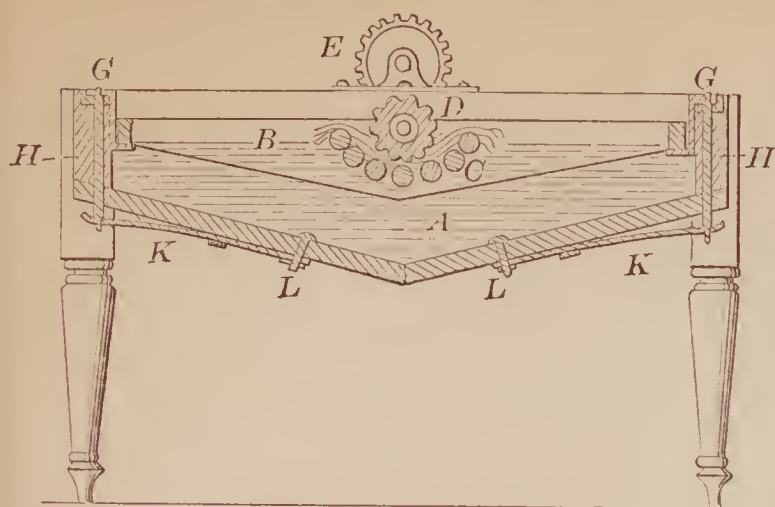
62153—W. H. Reed—*Button.*



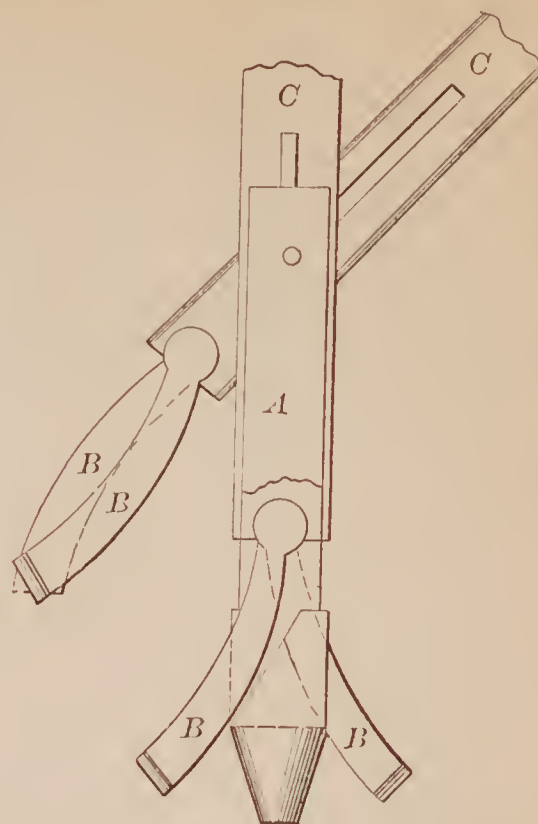
62154—N. B. Reynolds—*Metal Shearing Machine.*



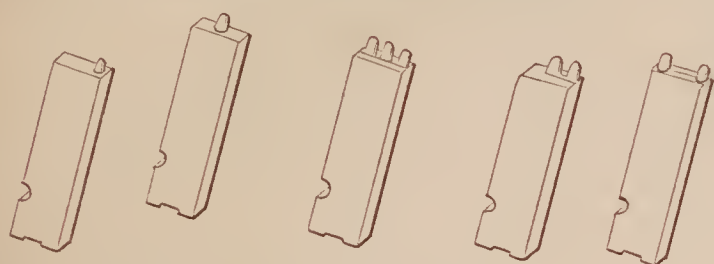
62155—G. A. Robinson—*Washing Machine.*



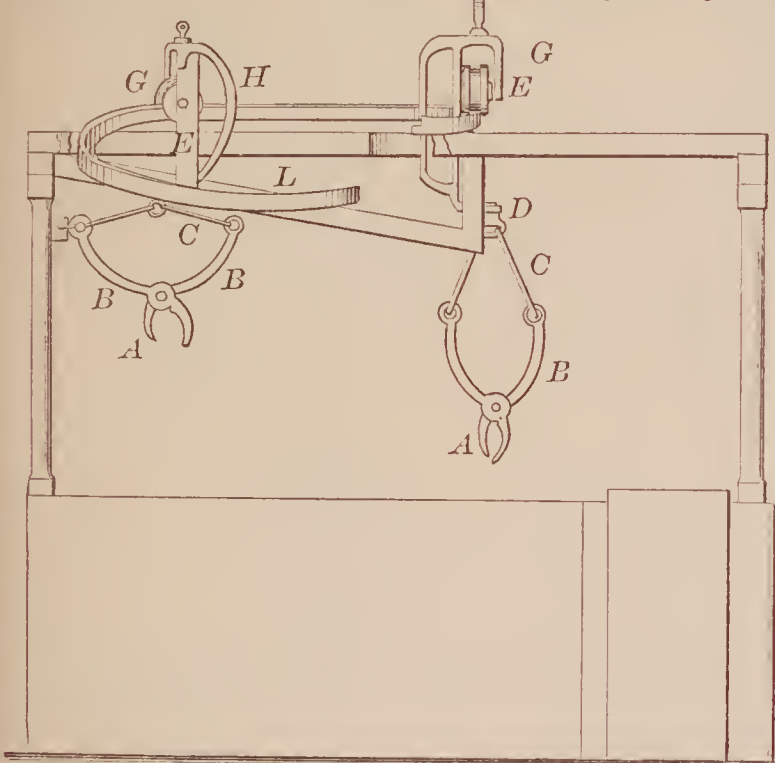
62160—H. M. Stow—*Rock Chamber Drill.*



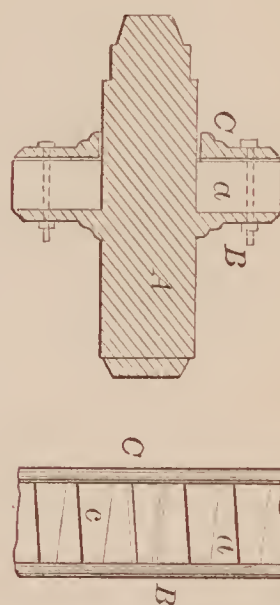
62156—H. Robyn—*Type for the Blind.*



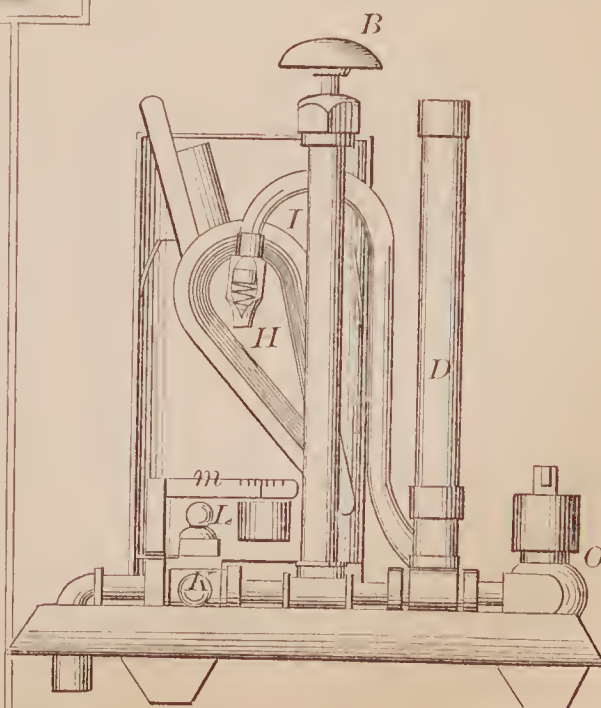
62158—W. M. & R. Savage—*For Slaughtering Hogs.*



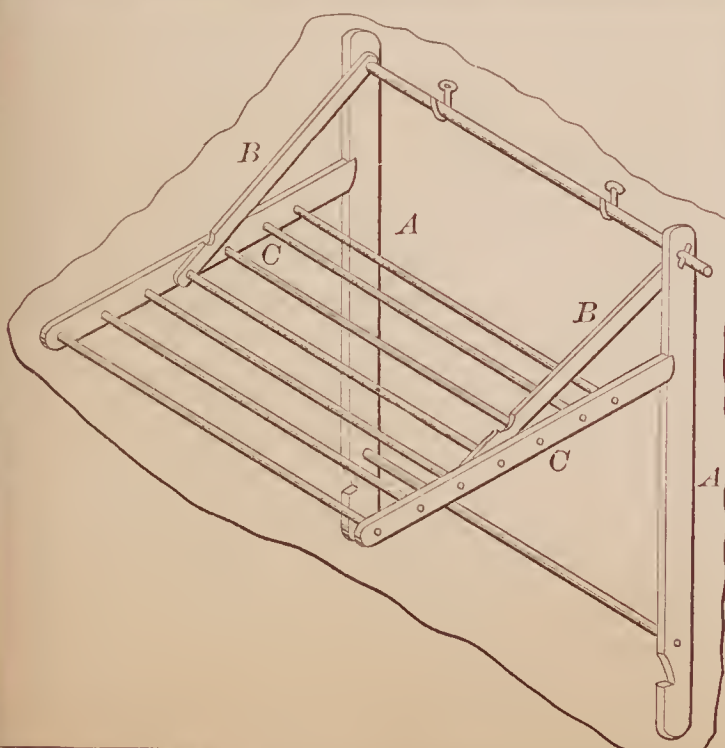
62161—J. B. Stuart—*Metallic Hub for Wheels.*

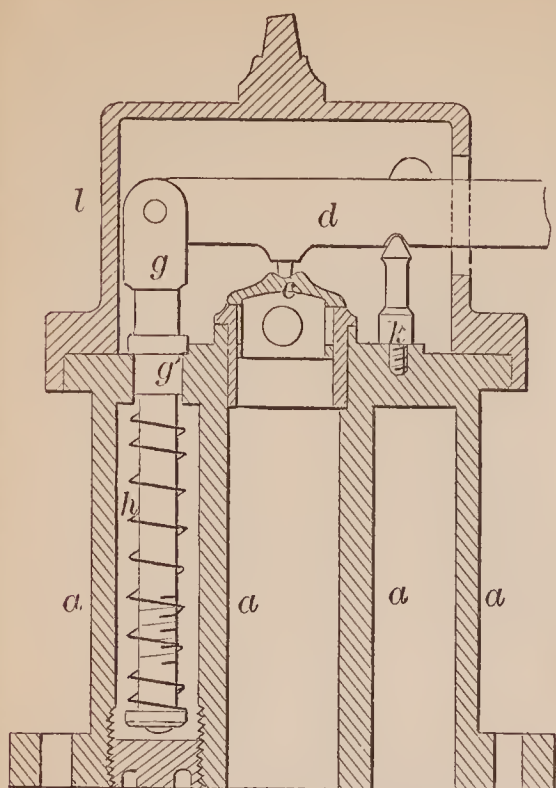
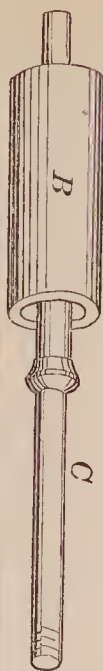
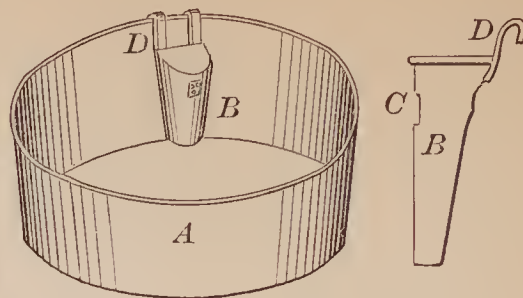
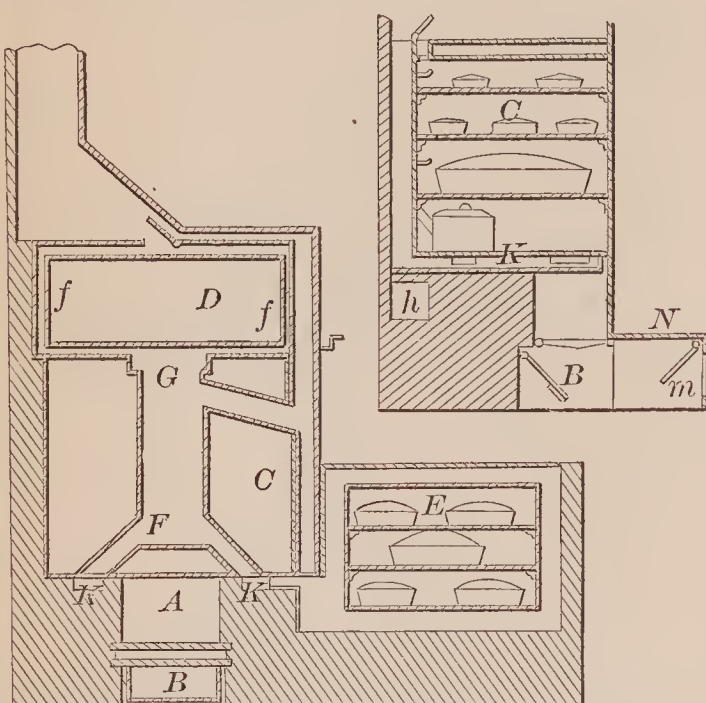
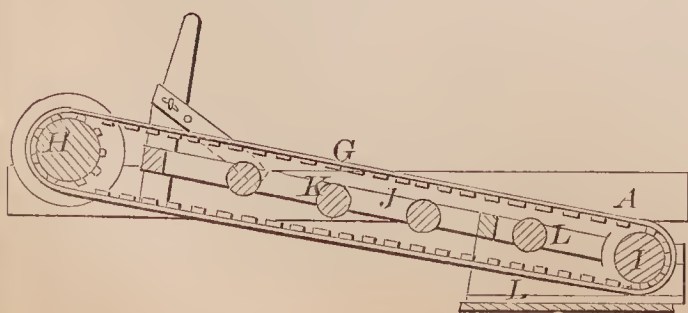
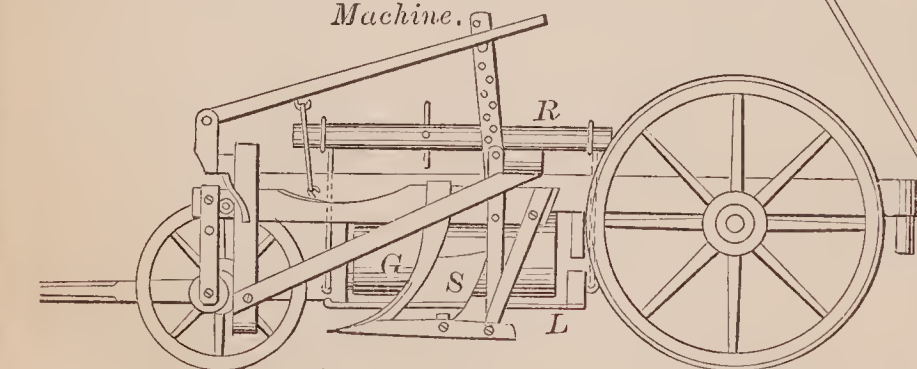
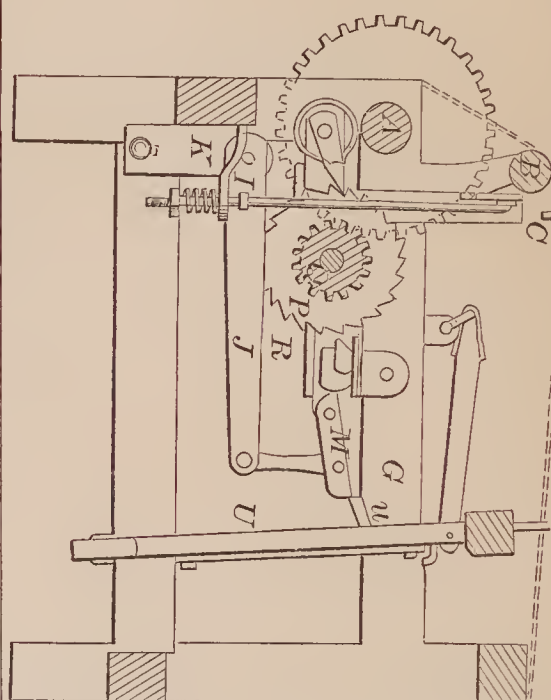
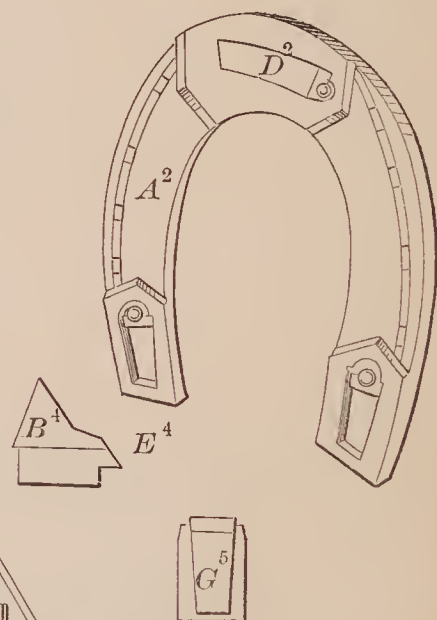
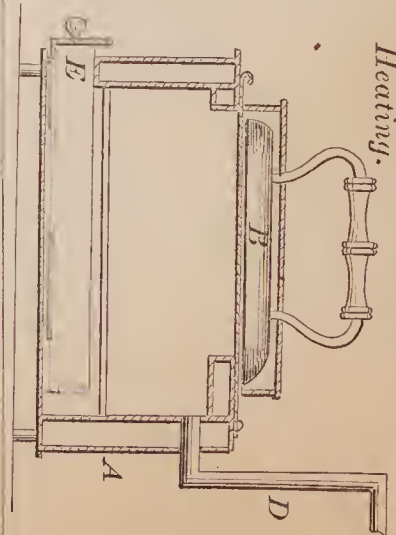


62162—J. W. Summers—*Steam Generator.*

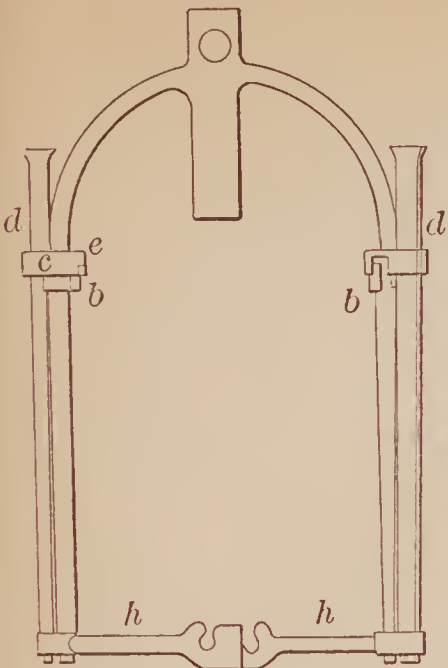


62159—G. Sickels—*Back or Shelf.*

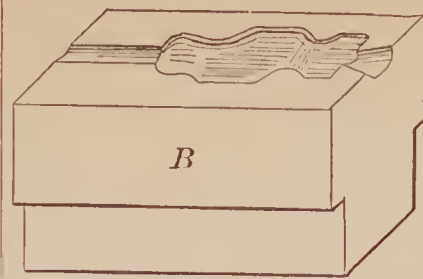


62163—J. R. Swann—*Safety Valve.*62164—W. A. Torrey—*Elastic Roll Manufacture.*62167—I. V. Hagen—*Foot Rest.*62169—T. C. Walter—*Cooking Range.*62171—W. J. Wauchope—*Ditching and Grading Machine.*62168—R. Walker—*Let-off Motion for Looms.*62170—B. R. Watson—*Horse Shoe.*62172—J. D. Westgate—*Sud Iron Heating.*

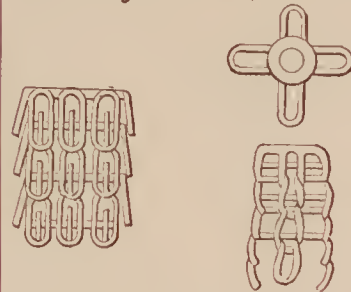
62173—Westley & Beaumont—*Spinning Flyer.*



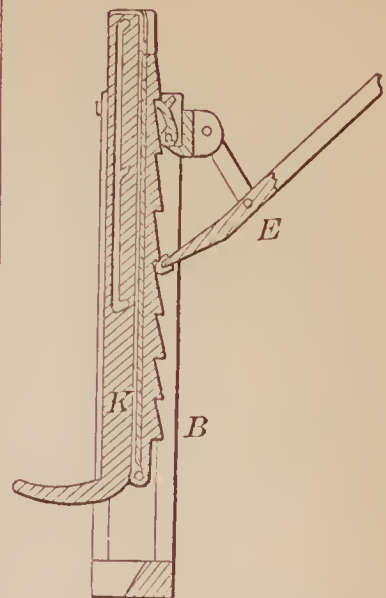
62174—L. Wetherell—*Die.*



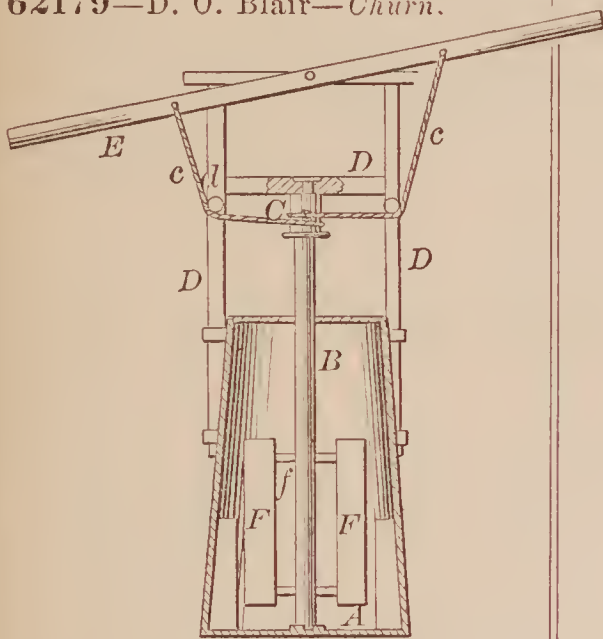
62178—P. M. C. Béziel—*Forming Parts of Chains, &c.*



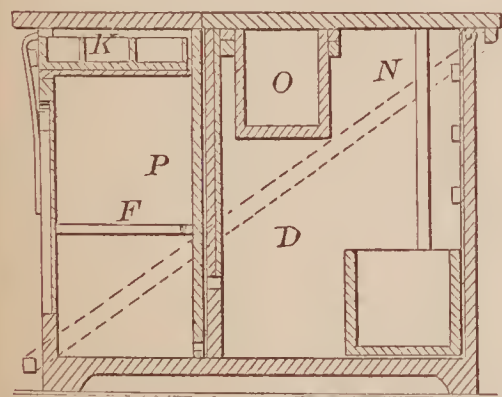
62175—E. Zimmerman—*Lifting Jack.*



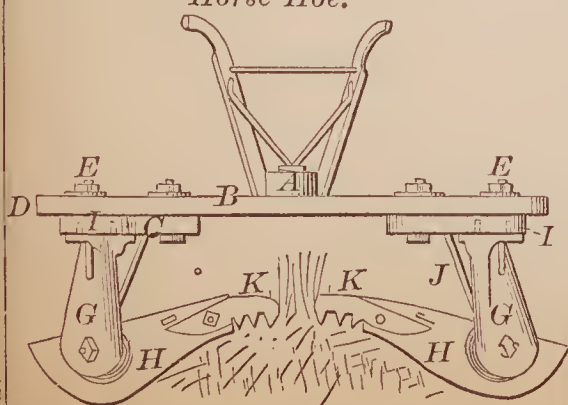
62179—D. O. Blair—*Churn.*



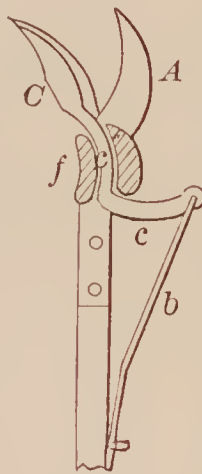
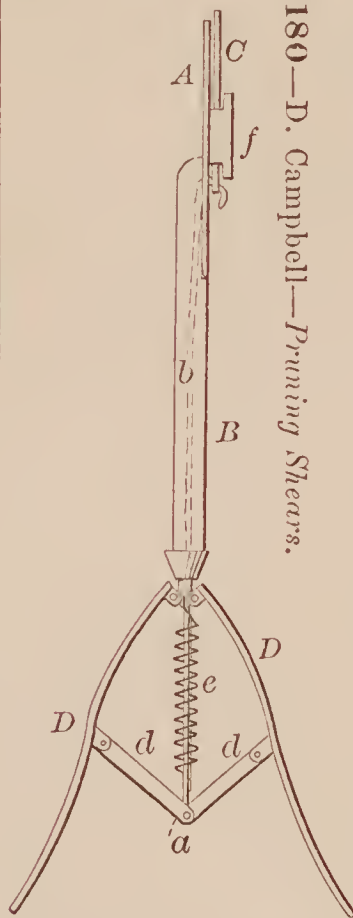
62176—W. M. Baker—*Table, Cupboard and Clothes Rack.*



62181—Chandler & Nickels—*Horse Hoe.*



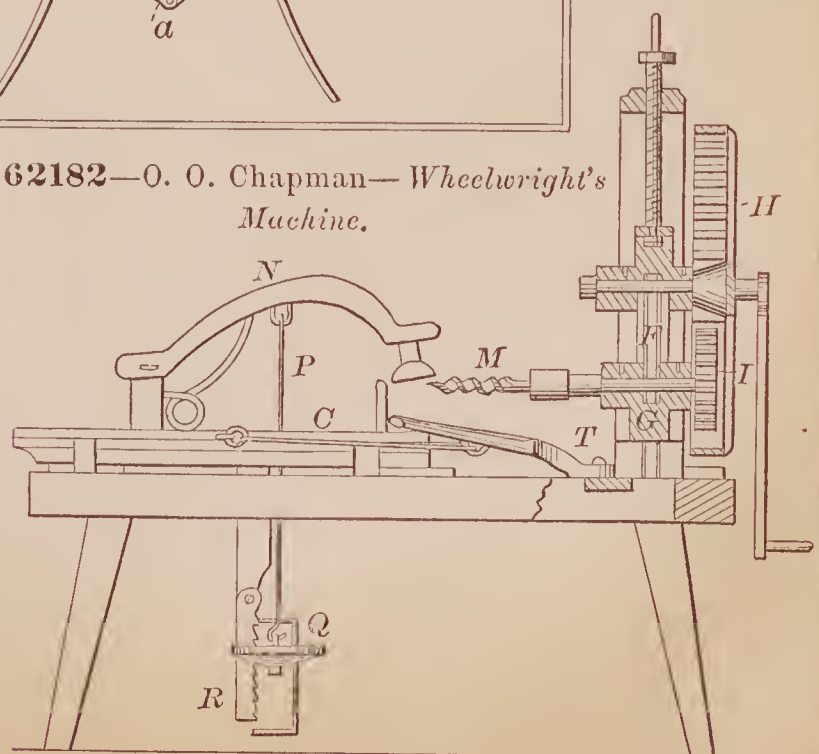
62180—D. Campbell—*Pruning Shears.*

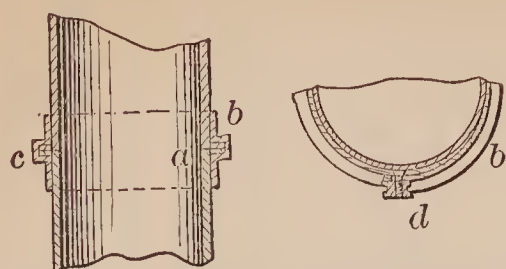
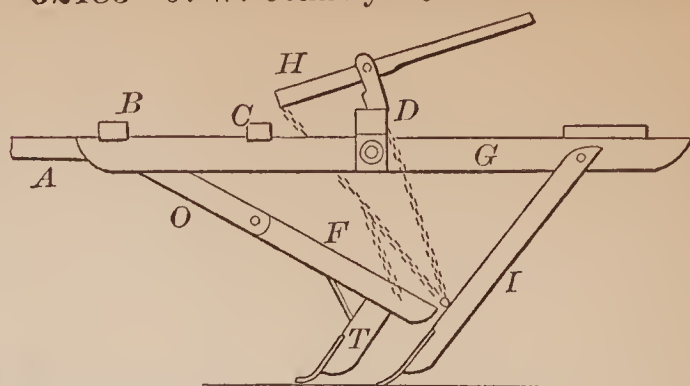
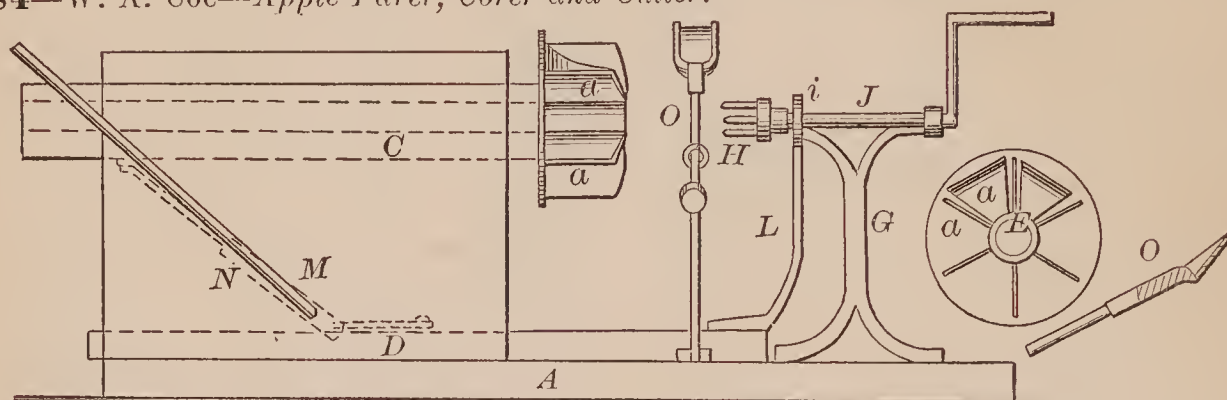
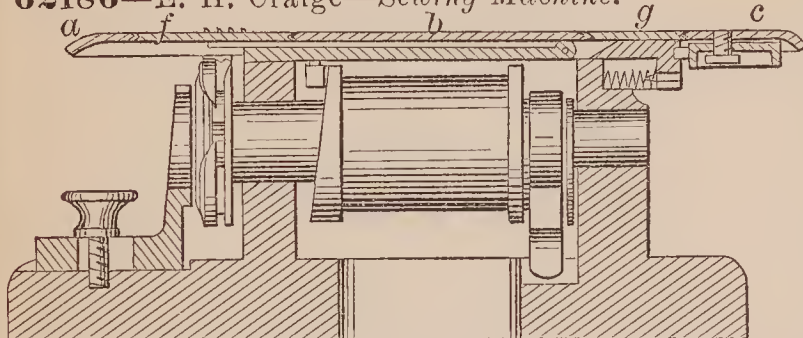
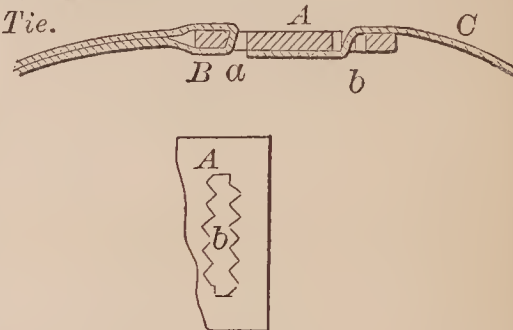
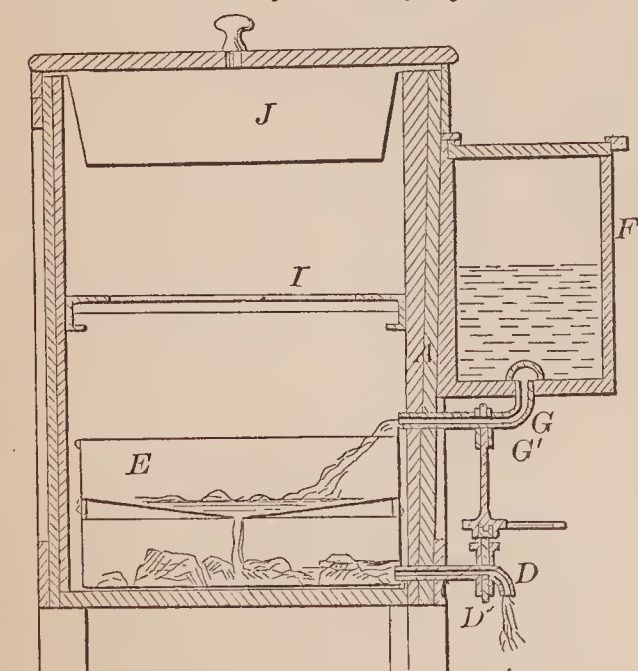
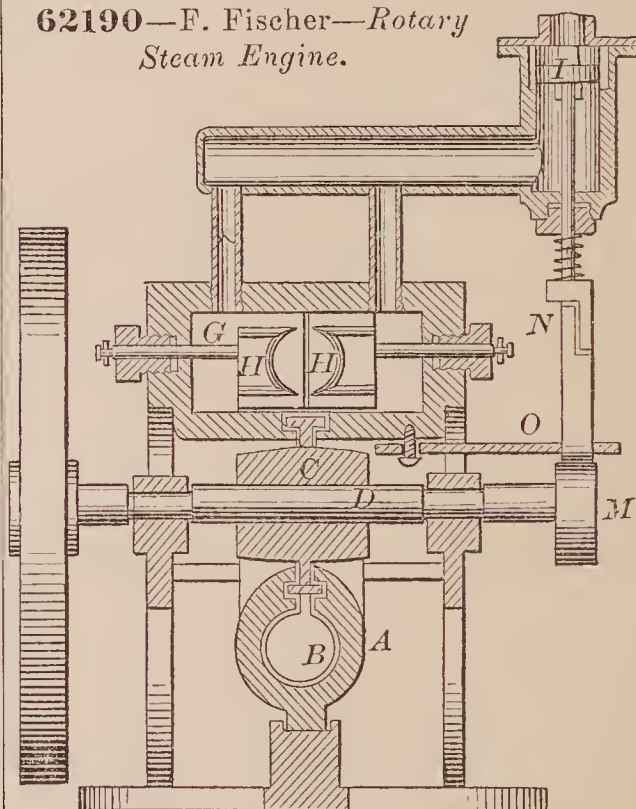
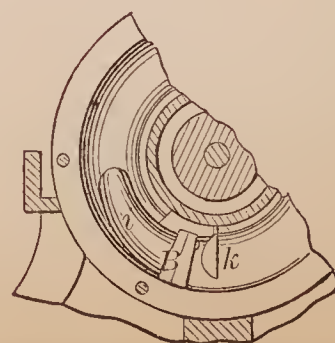
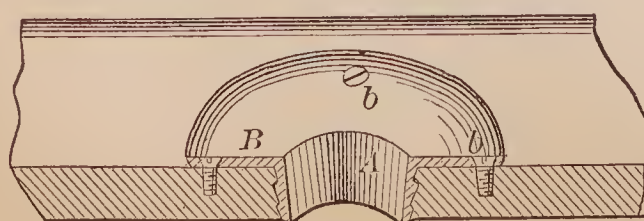


62177—J. Balmore—*Pipe Cutter.*

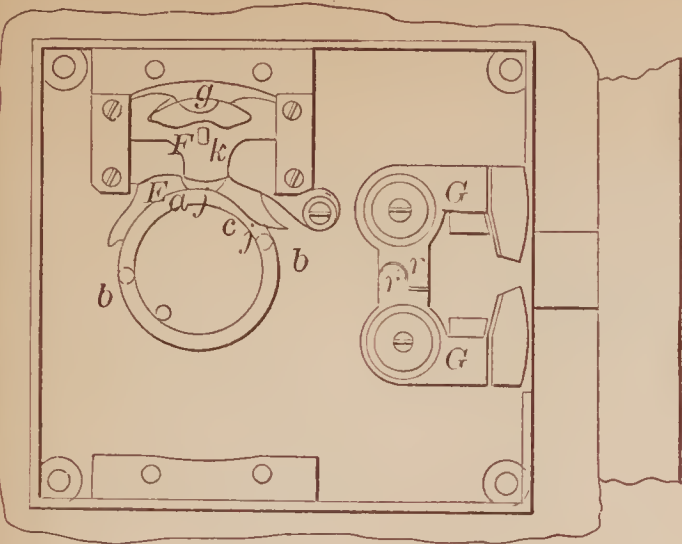


62182—O. O. Chapman—*Wheelwright's Machine.*

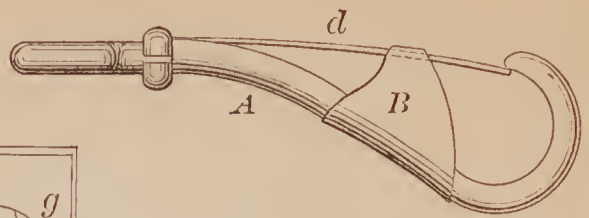


62183—H. M. Clifford—*Stove Pipe Joint.*62185—J. W. Connely—*Cultivator.*62184—W. A. Coe—*Apple Parer, Corer and Cutter.*62186—E. H. Craige—*Sewing Machine.*62188—H. Fassmann—*Cotton Bale Tie.*62187—H. G. Dayton—*Refrigerator.*62190—F. Fischer—*Rotary Steam Engine.*62189—D. F. Fetter—*Bushing for Barrels.*

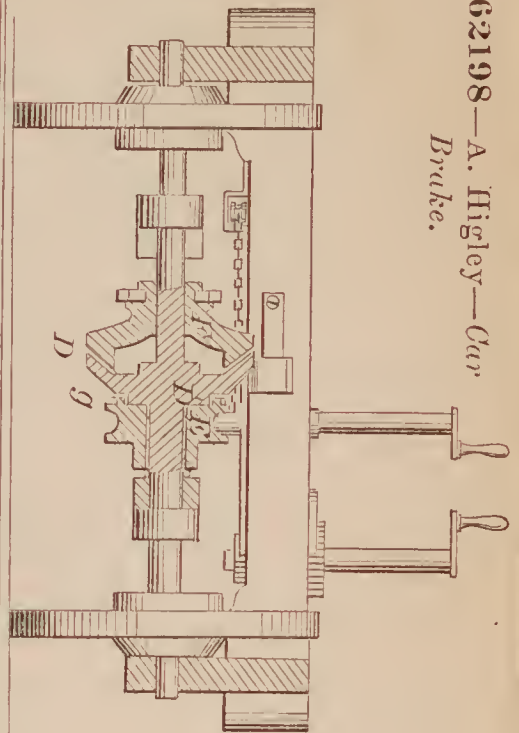
62191—C. Flesch—*Permutation Lock.*



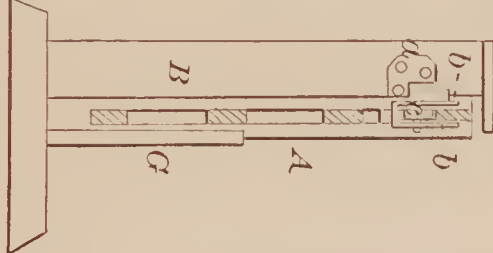
62194—W. B. Hayden—*Wire Rein Snap.*



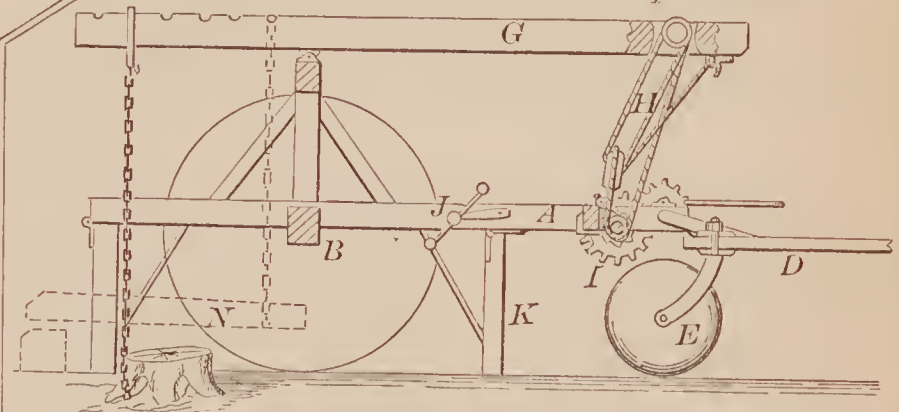
62198—A. Higley—*Car Brake.*



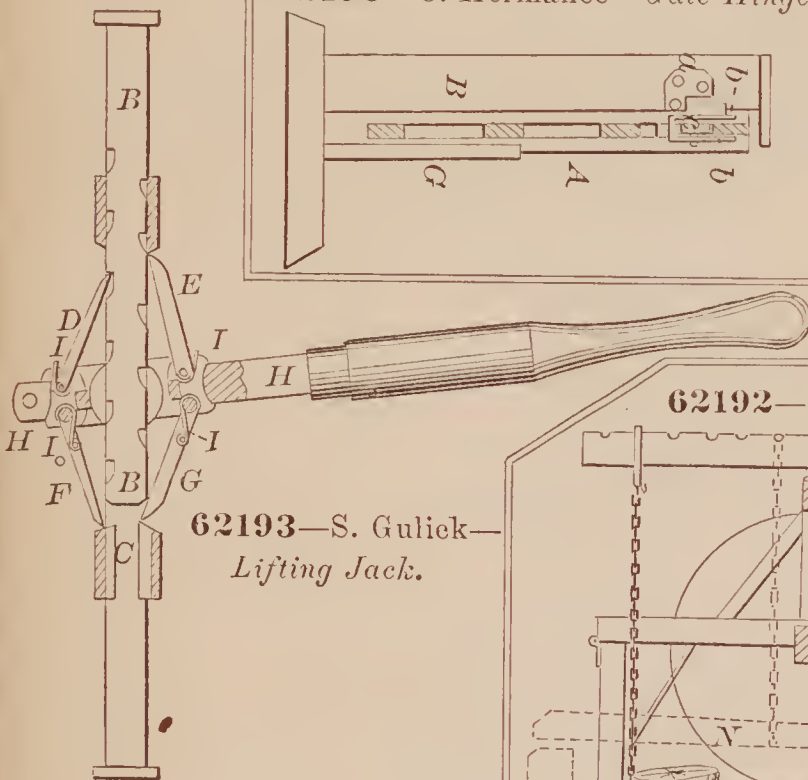
62196—C. Hermance—*Gate Hinge.*



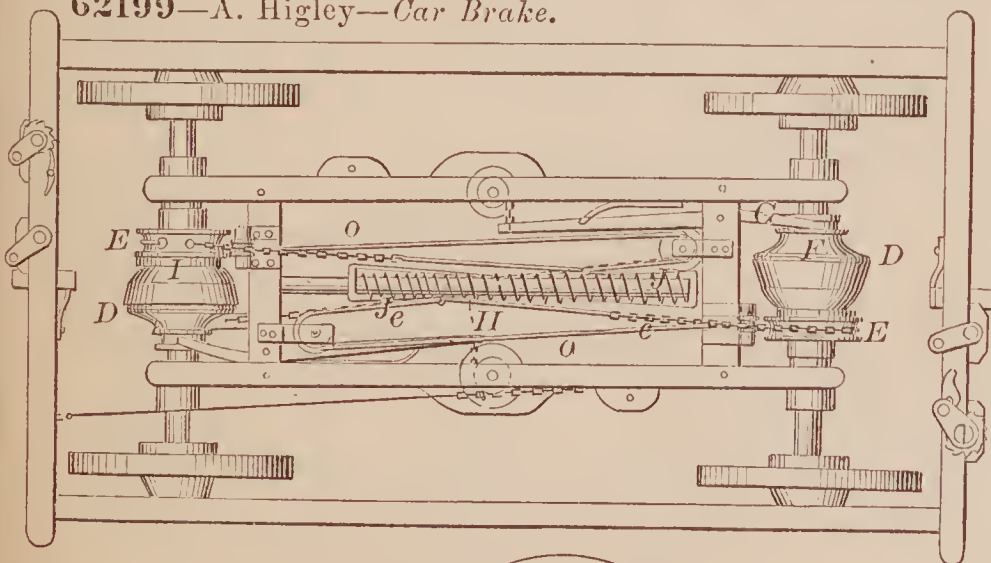
62192—J. M. Gleichman—*Stump Extractor.*



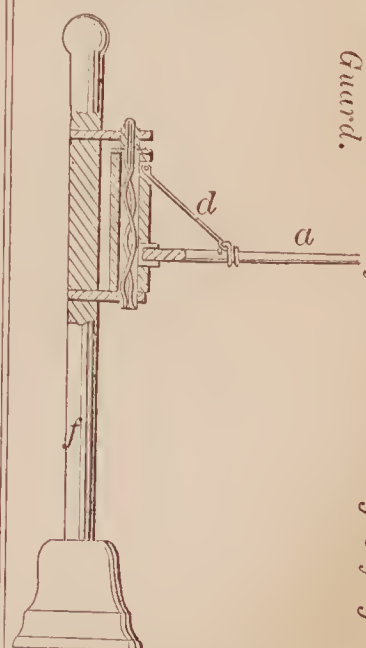
62193—S. Gulick—*Lifting Jack.*



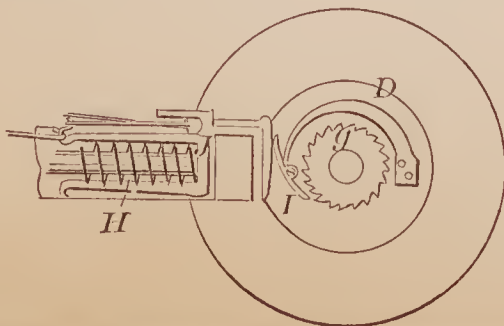
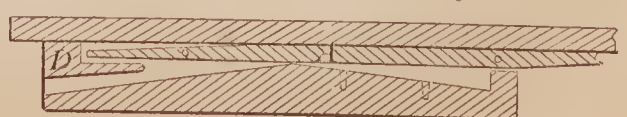
62199—A. Higley—*Car Brake.*

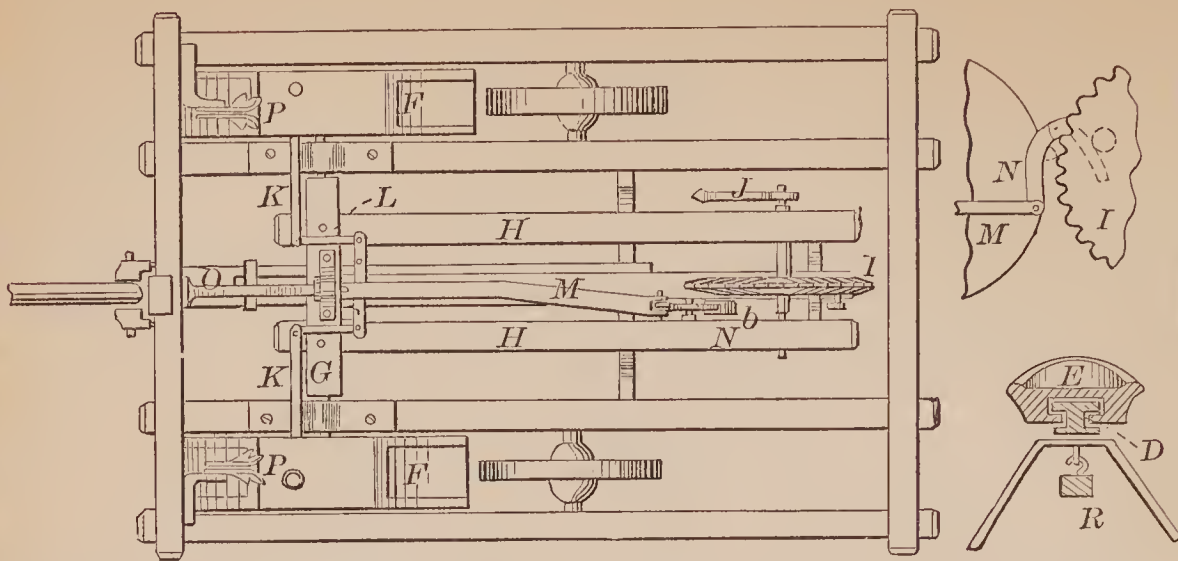
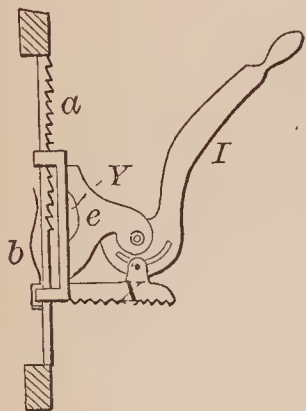
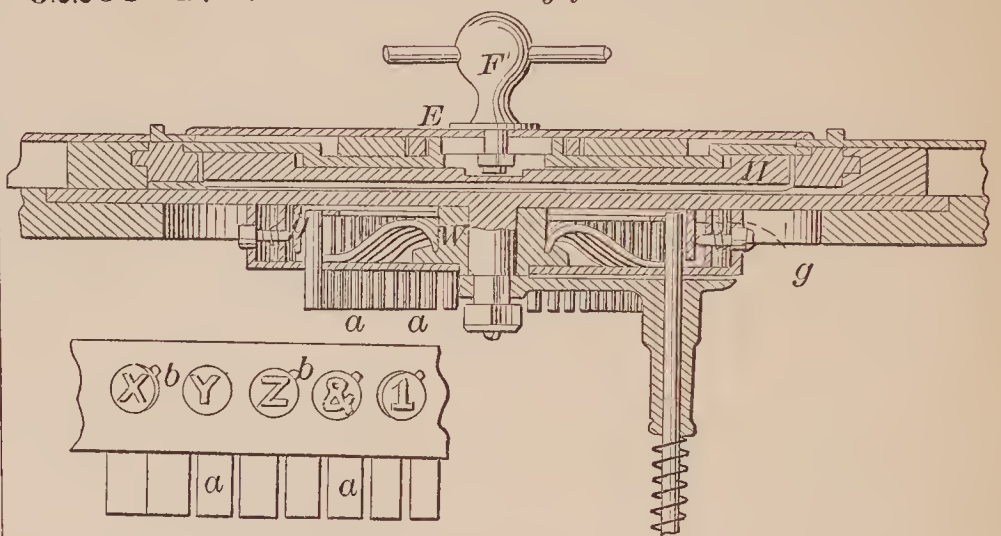
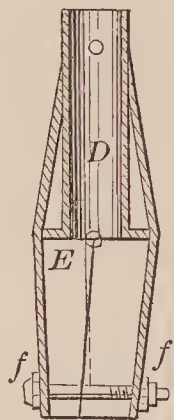
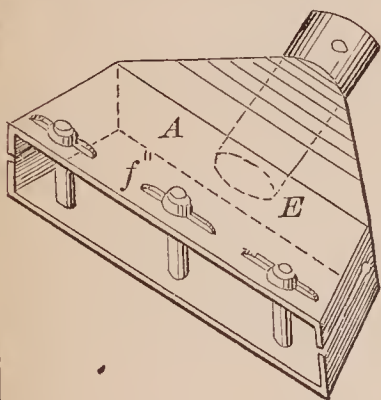
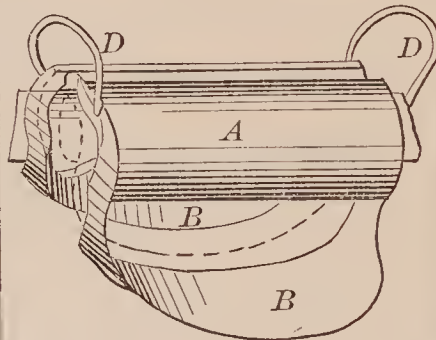
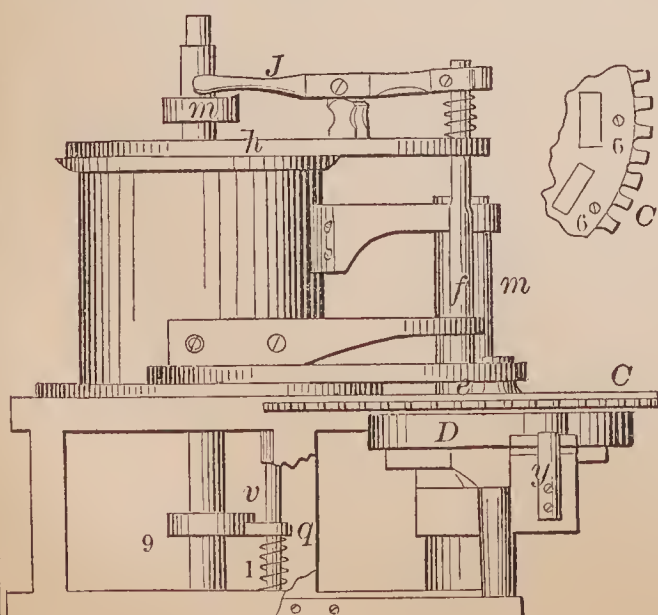
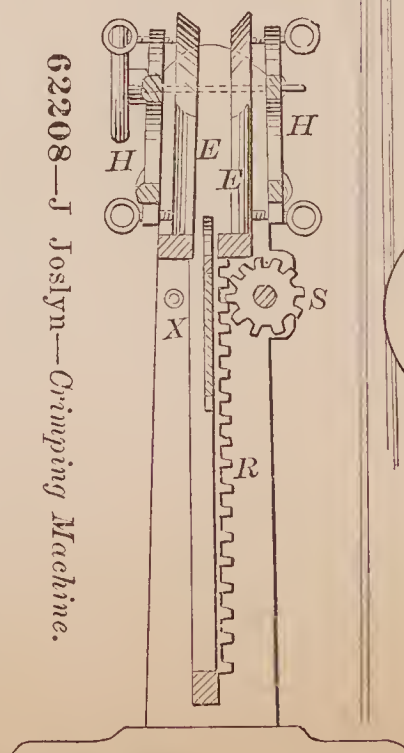
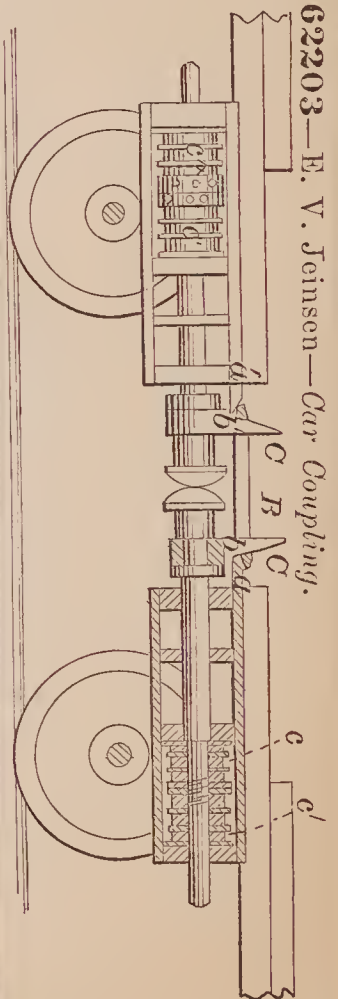


62197—C. L. Heywood—*Railway Safety Guard.*

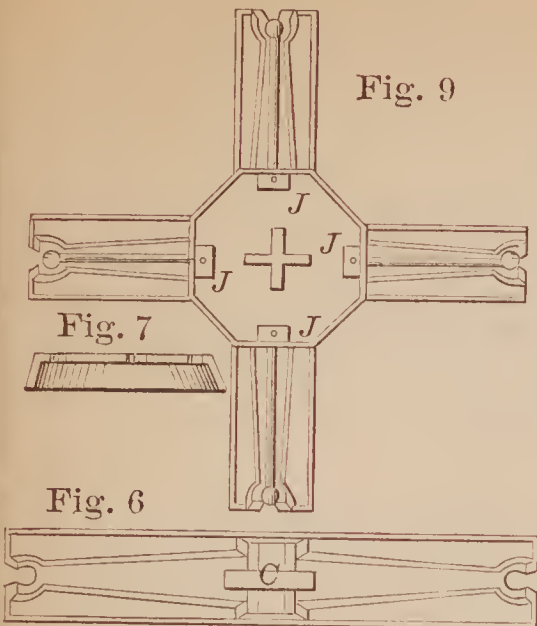


62195—C. E. Hayes—*Money Drawer.*

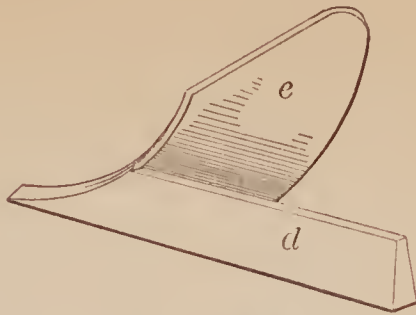


62200—W. J. Hobson—*Corn Planter.*62204—B. H. Jenks—*Index Chain for Looms.*62205—G. Johnson—*Sawing Machine.*62206—D. A. Johnston—*Printing for the Blind.*62202—J. S. Hugg—*Broom Head.*62201—L. Hover—*Sad Iron Holder.*62207—J. J. Johnston—*Brick Machine.*62208—J. Joslyn—*Crimping Machine.*62203—E. V. Jensen—*Car Coupling.*

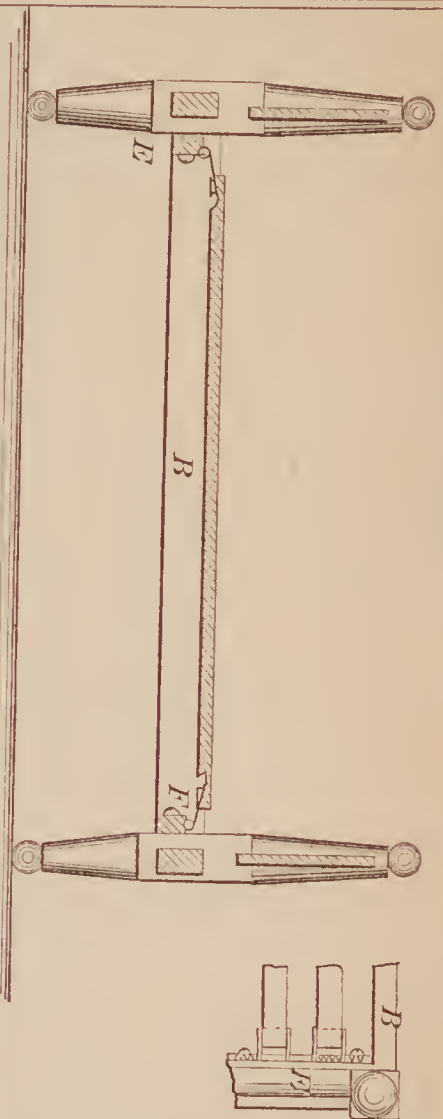
62209—T. E. King—*Fence.*



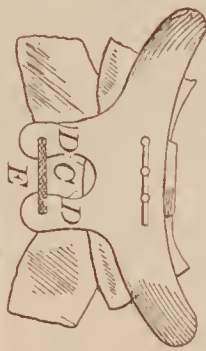
62211—W. P. Long—*Plow.*



62213—D. Manuel—*Bed Bottom.*



62210—W. A. Lavery—*Neck Tie.*



62212—J. Maguire—*Bedstead Fastening.*

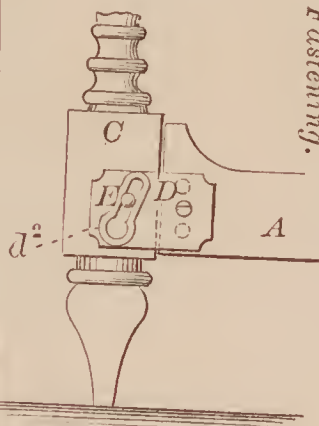
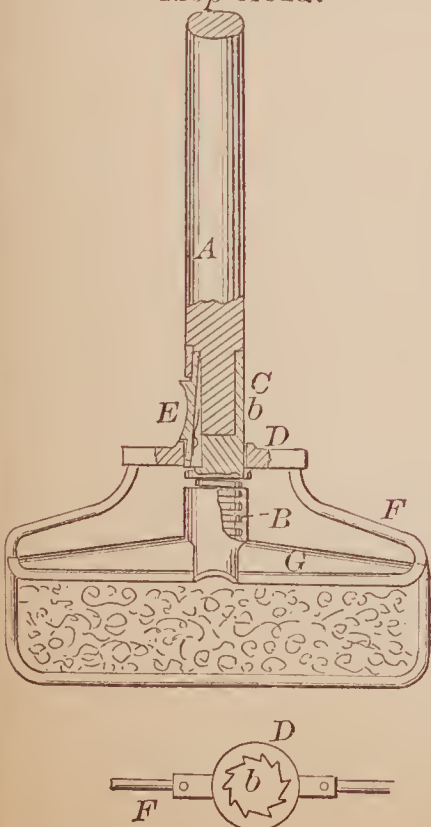
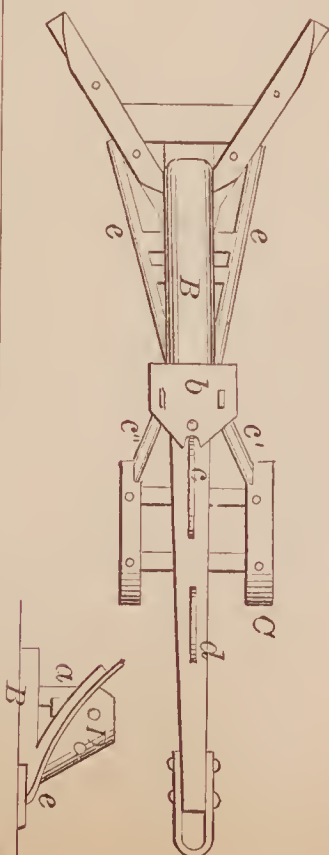


Fig. 1

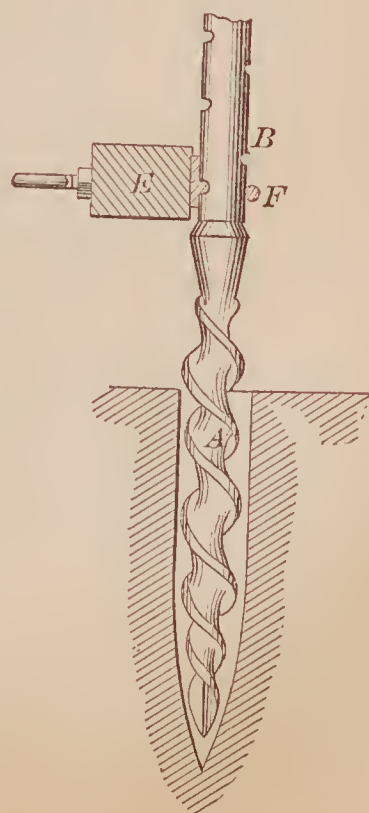
62214—Mason & Messinger—*Mop Head.*

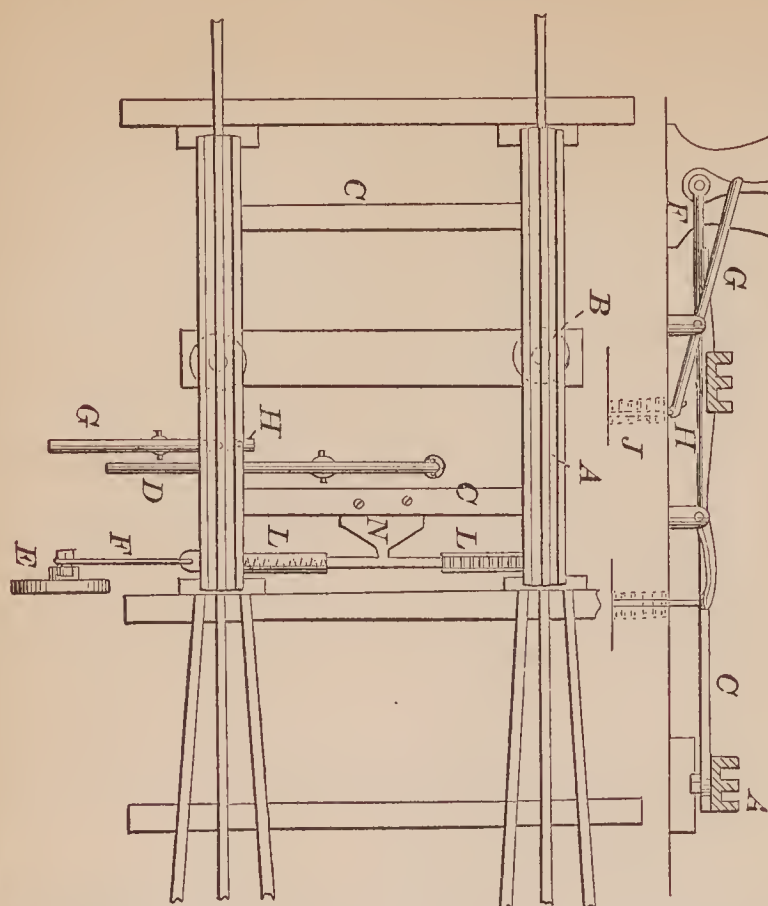
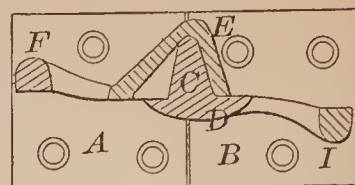
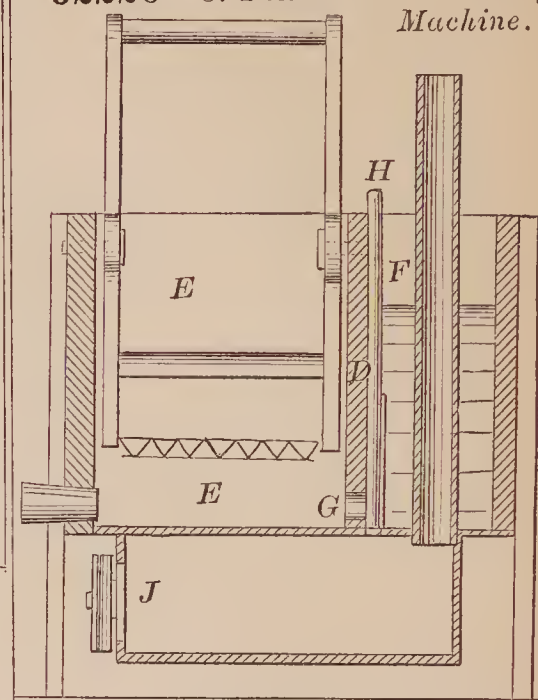
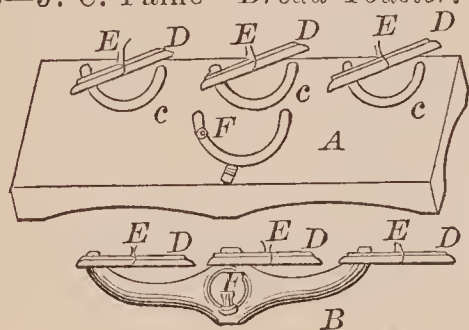
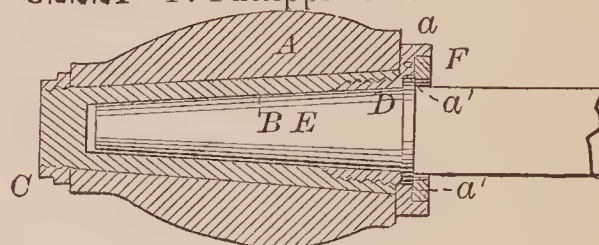
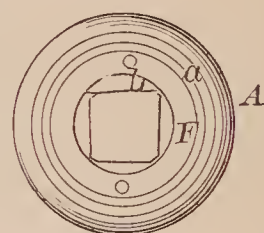
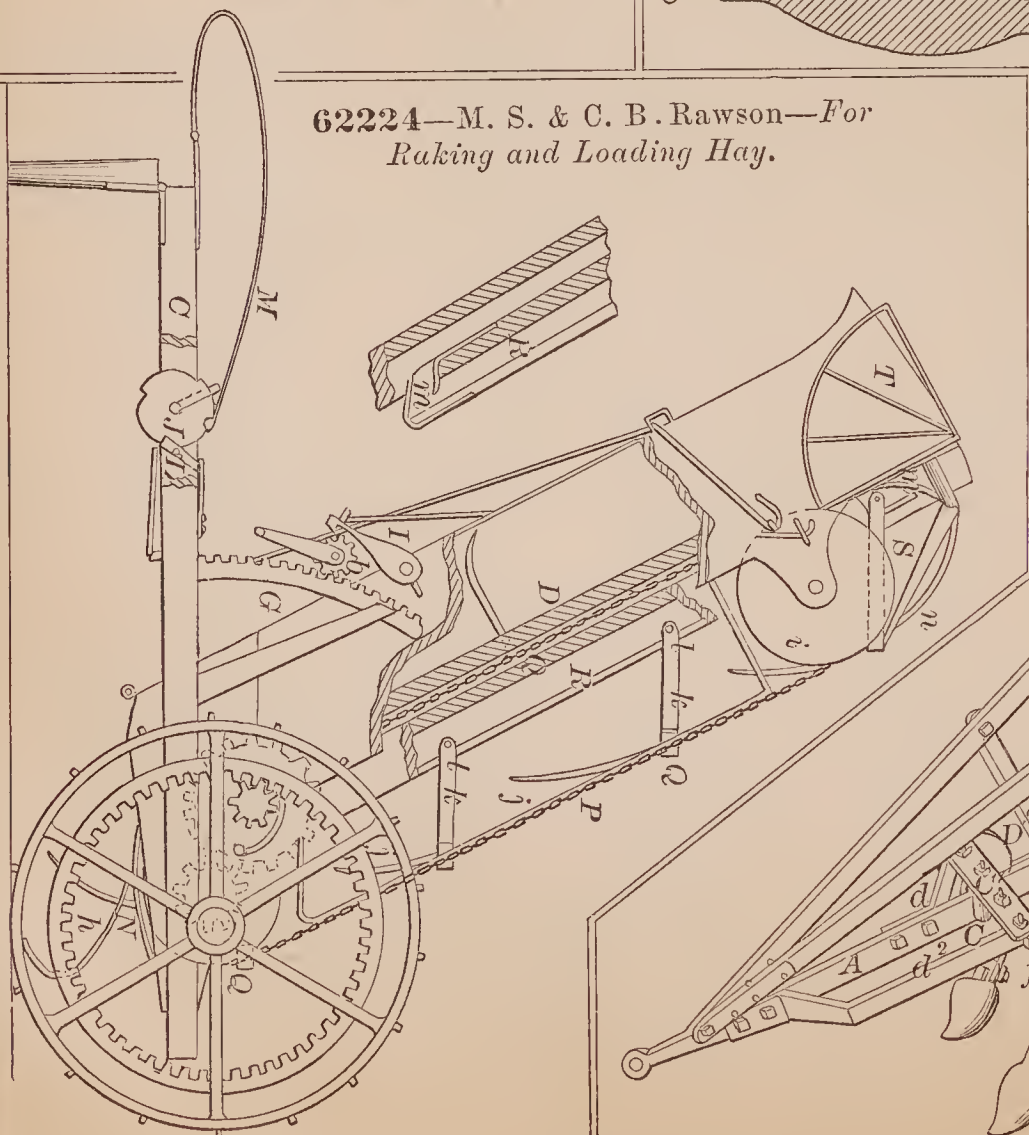
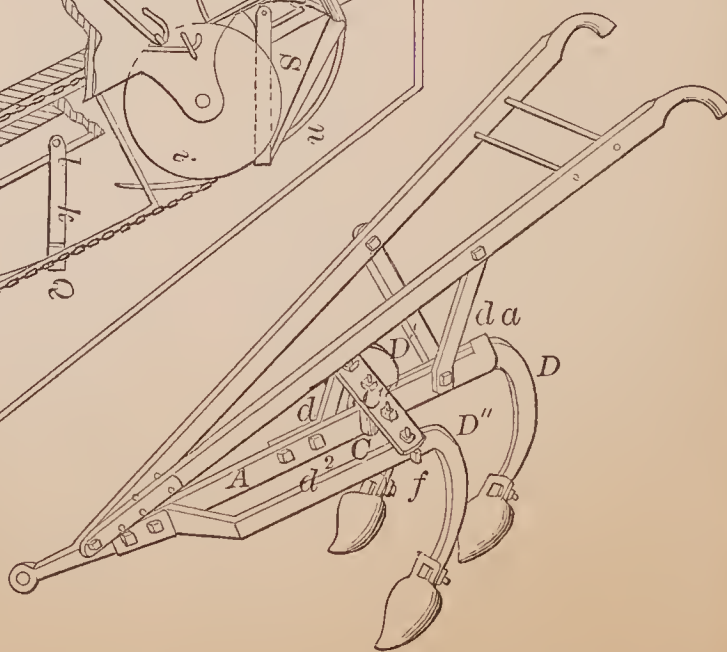


62215—J. T. Miller—*Ditching Plow.*

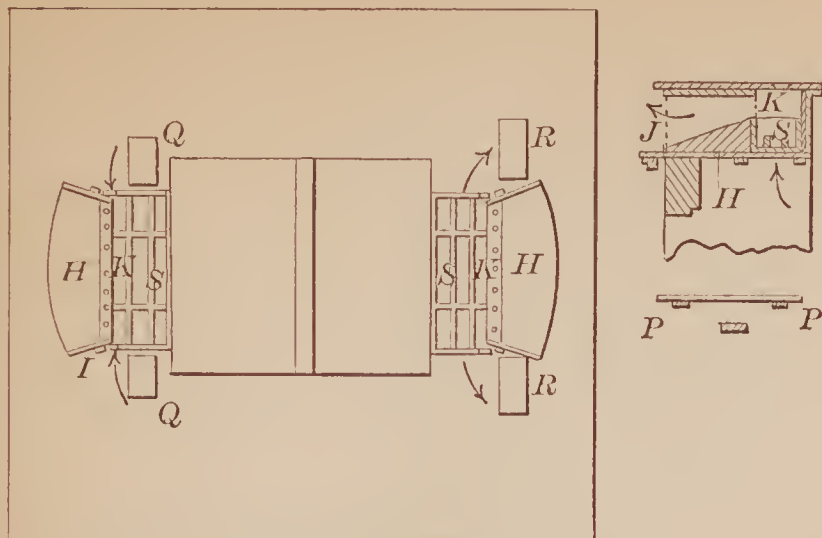


62216—P. Ollom—*Well Boring Auger.*

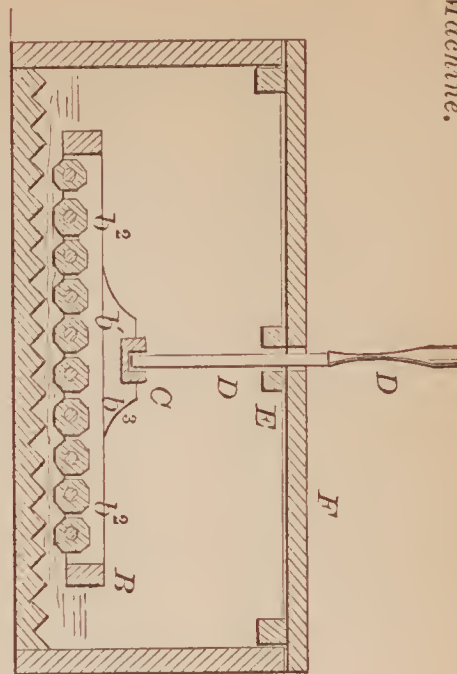


62217—L. S. Packard—*Railroad Switch.*62219—J. Parker—*Hinge.*62220—C. Pendleton—*Washing Machine.*62218—J. C. Paine—*Bread Toaster.*62221—P. Philippi—*Axle Box.*62224—M. S. & C. B. Rawson—*For Raking and Loading Hay.*62223—L. Potts—*Cultivator.*

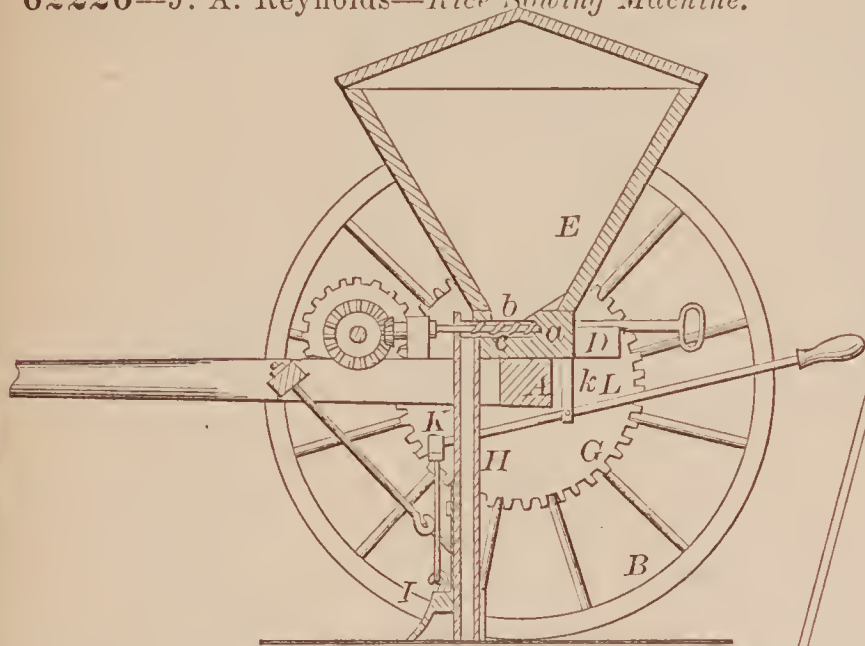
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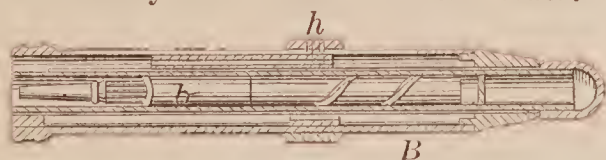
62229—Short, Allen & Craig—*Washing Machine.*



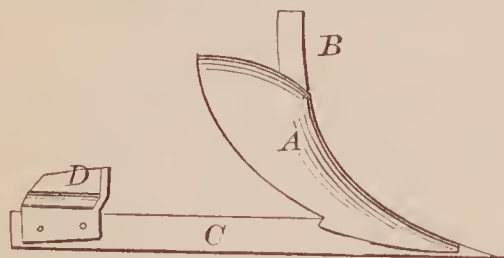
62226—J. A. Reynolds—*Rice Sowing Machine.*



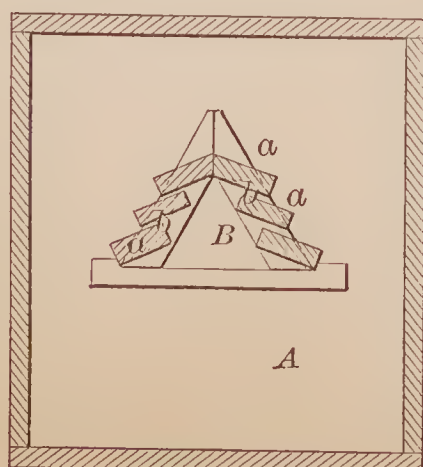
62227—R. H. Ryne—*Pen and Pencil Holder.*



62228—T. Saunders—*Cotton Seraper.*



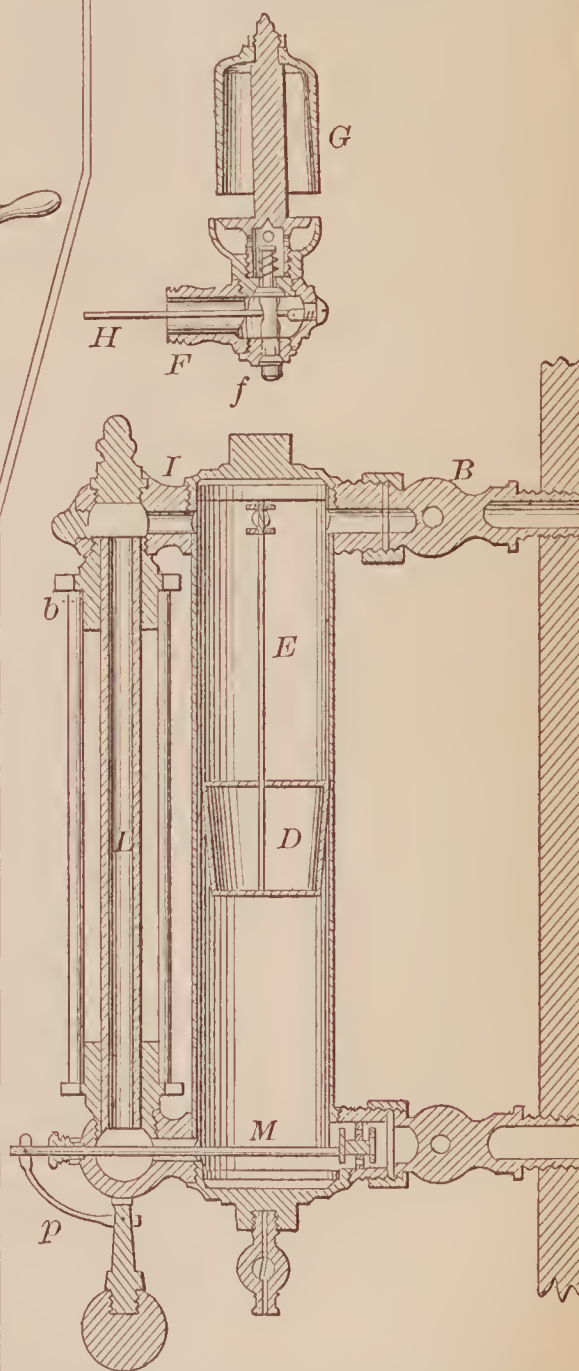
62233—J. E. Strode—*Grain Dryer.*



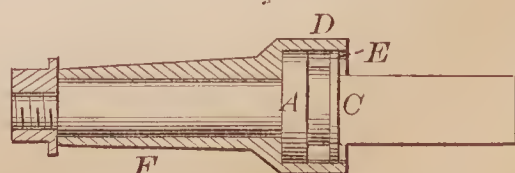
62232—C. H. Stockbridge—*Bit Brace.*



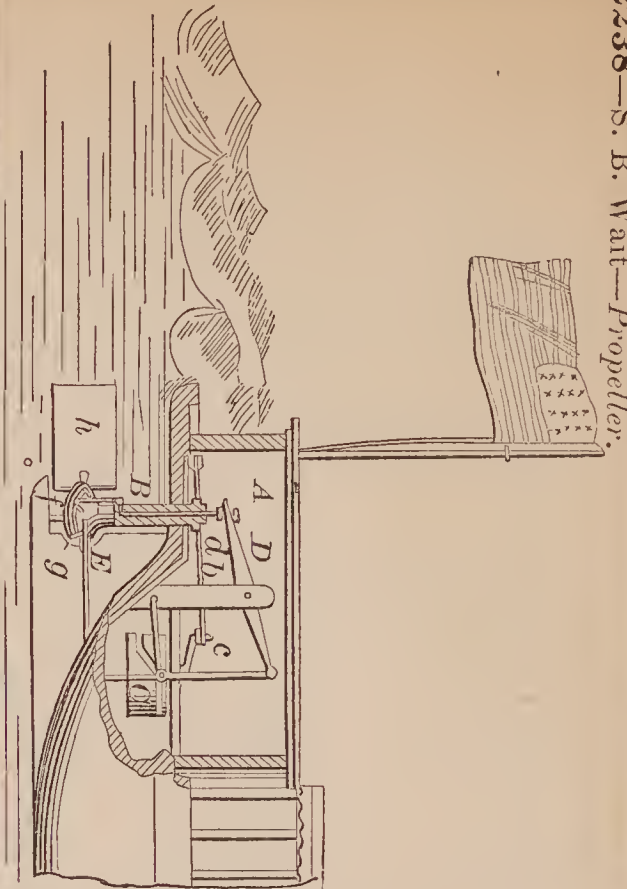
62230—Springer & Bartram—*Alarm for Steam Generators.*



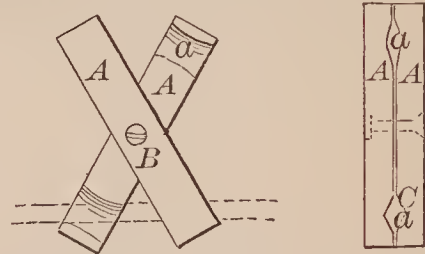
62231—J. S. Steele—*Sand Box for Carriage Axles.*



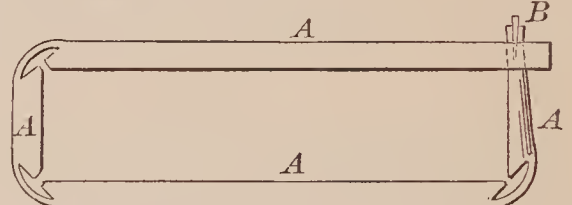
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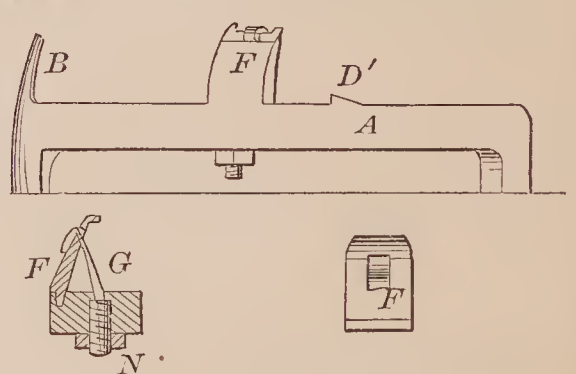
62240—W. G. Ward—Clothes Pin.



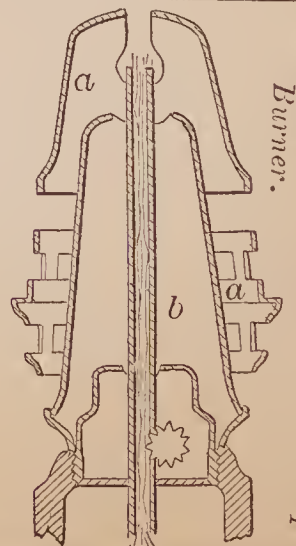
62241—J. W. Wells—Shingle Band.



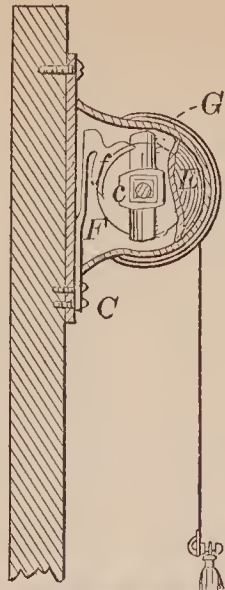
62242—C. M. Werner—Horse Shoe.



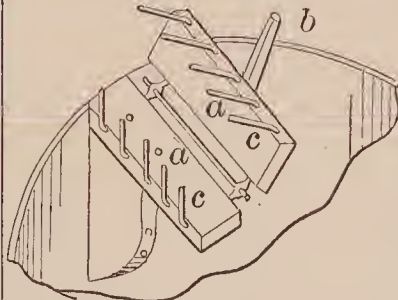
62244—Archer & Deays—Lamp Burner.



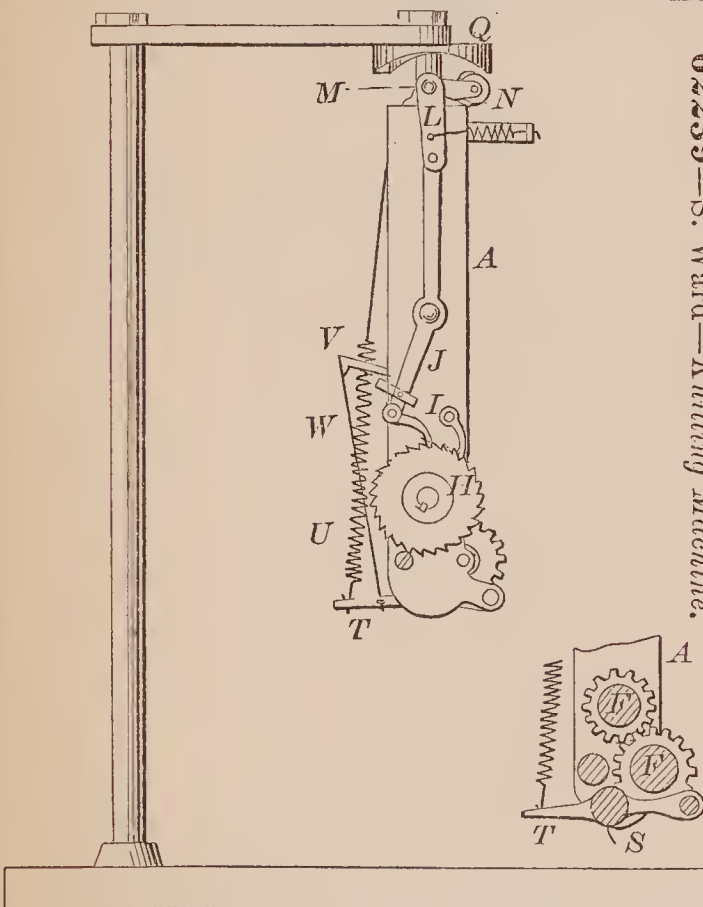
62235—L. A. Tripp—Curtain Fixture.



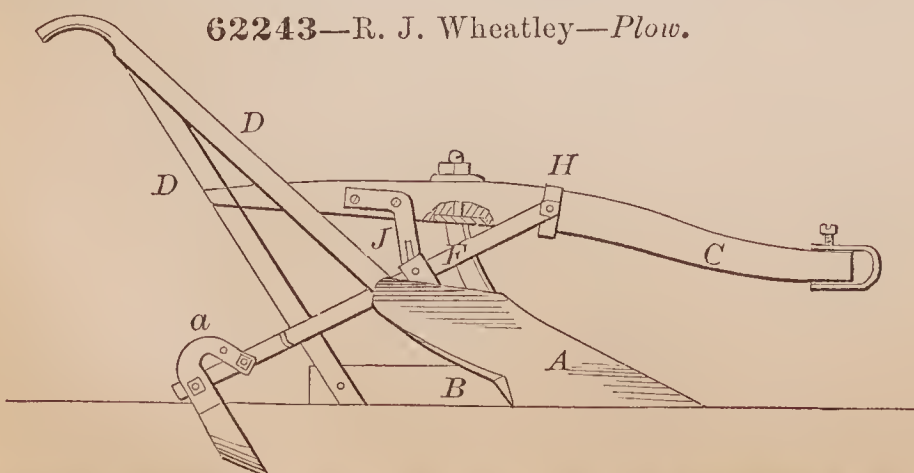
62237—B. V. Alstine—Mop Wringer.



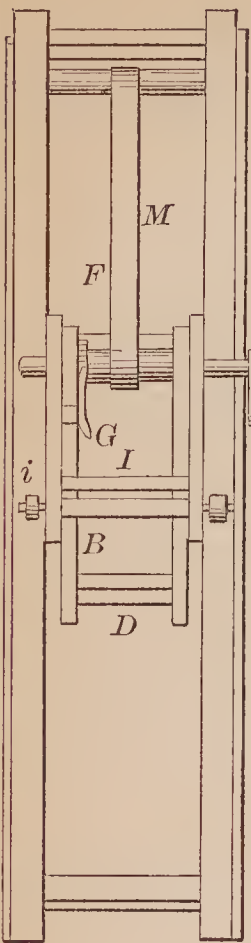
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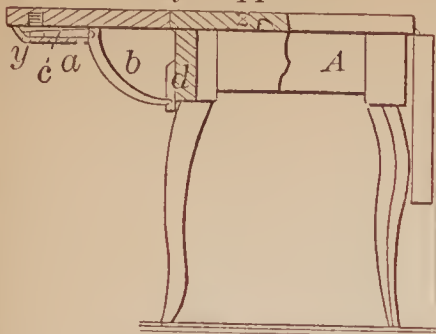
62243—R. J. Wheatley—Plow.



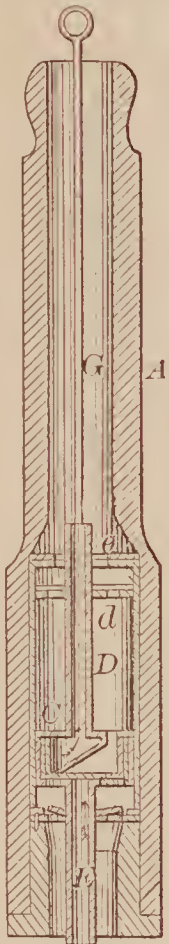
62234—D. B. Taylor—Ladder.



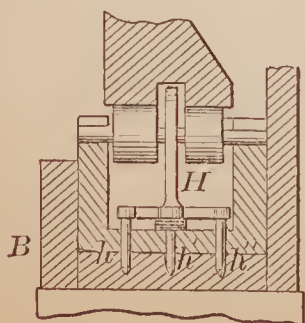
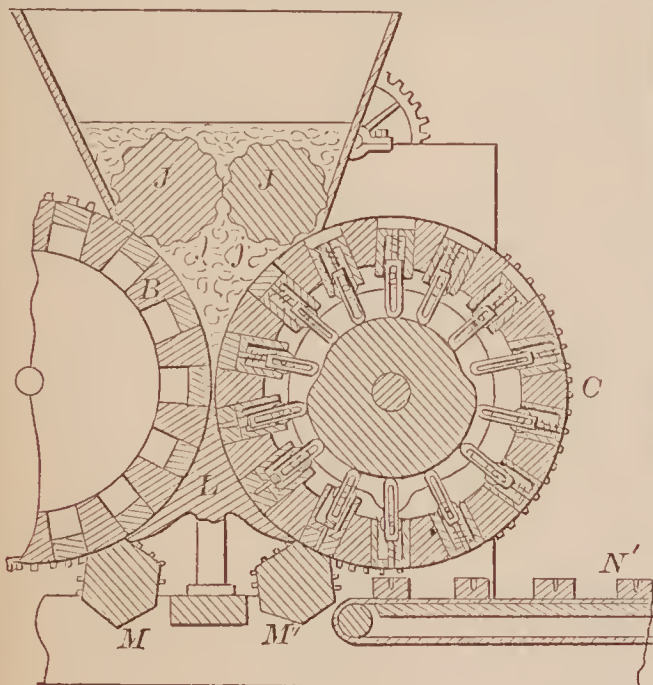
62245—D. Bull—*Table Leaf Supporter.*



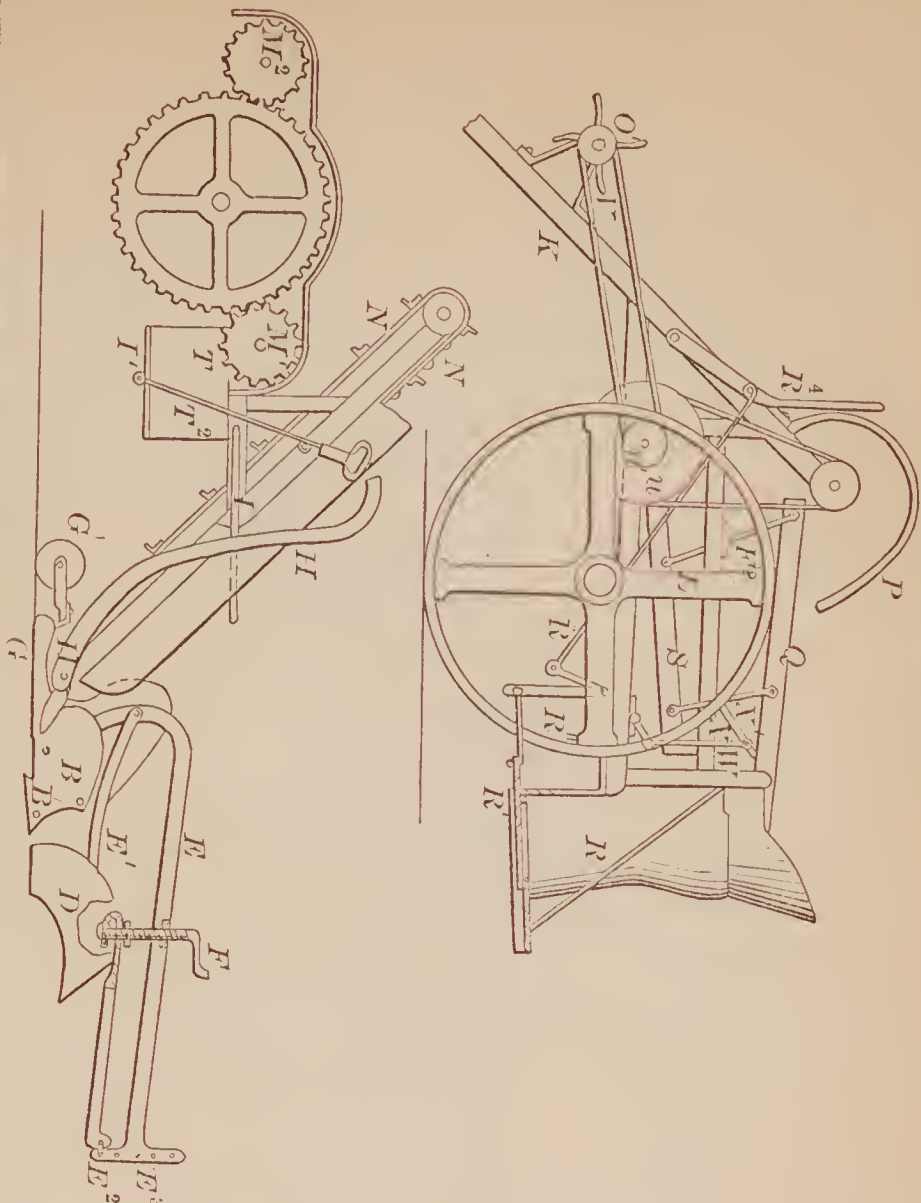
62247—J. Bean—*Pump.*



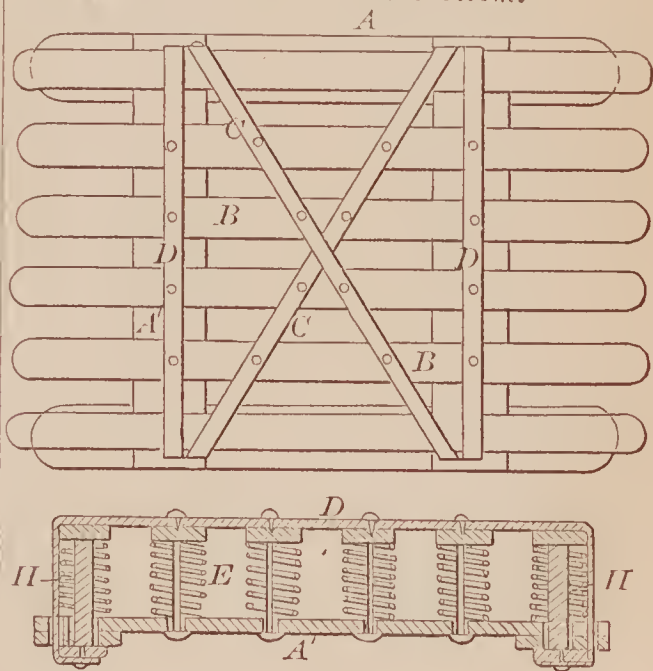
62249—G. C. Bovey—*Brick Machine.*



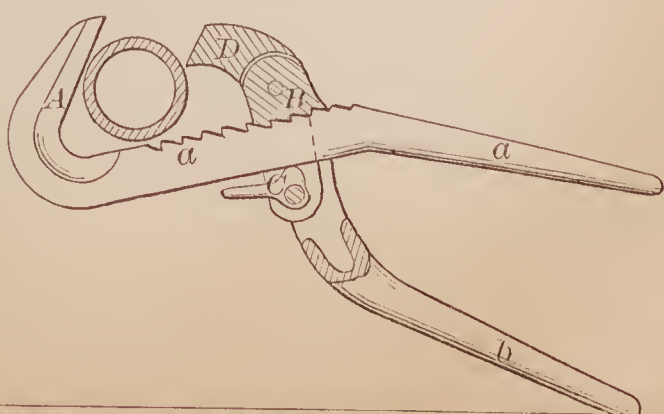
62246—J. W. Bartlett—*Potato Digging Machine.*



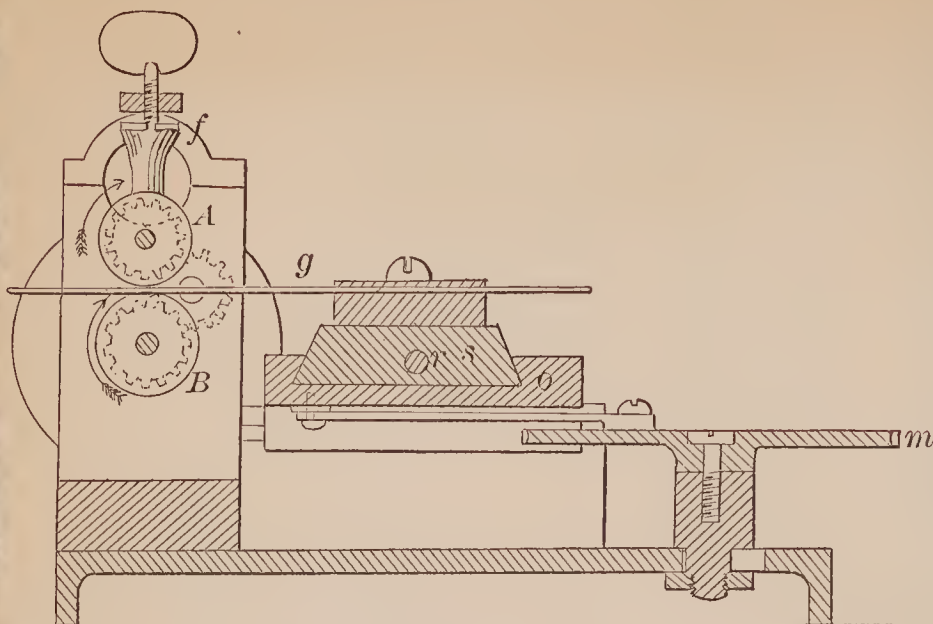
62248—C. E. Best—*Bed Bottom.*



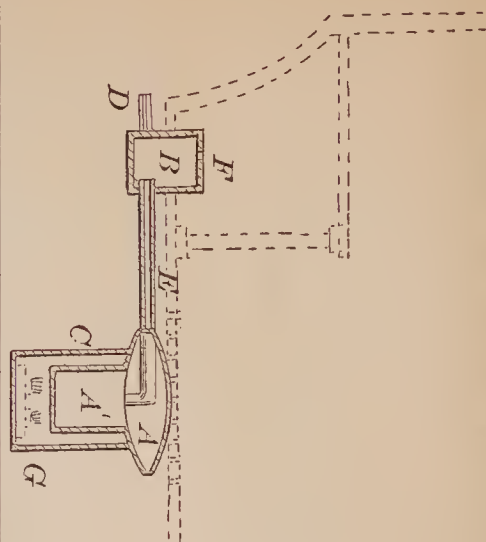
62250—E. Cash—*Pipe Tongs.*



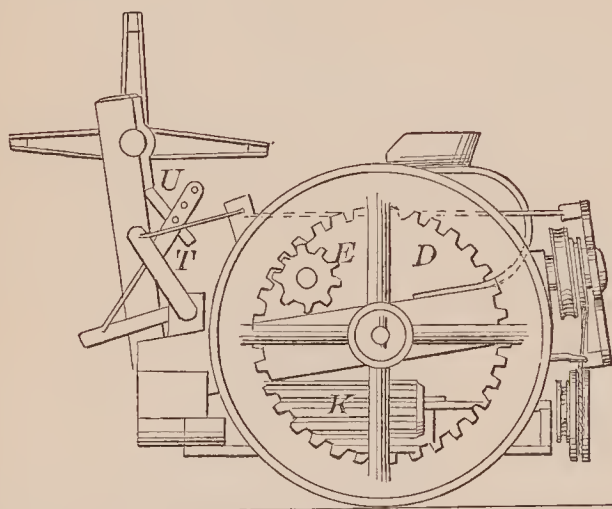
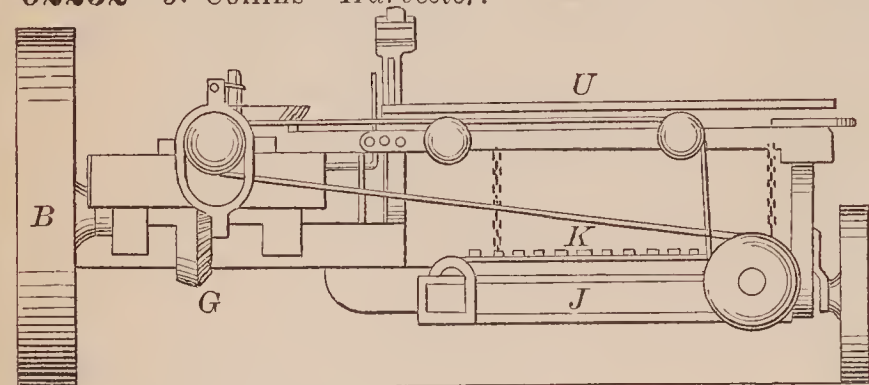
62251—S. A. Chapman—*Plated Ware Burnisher.*



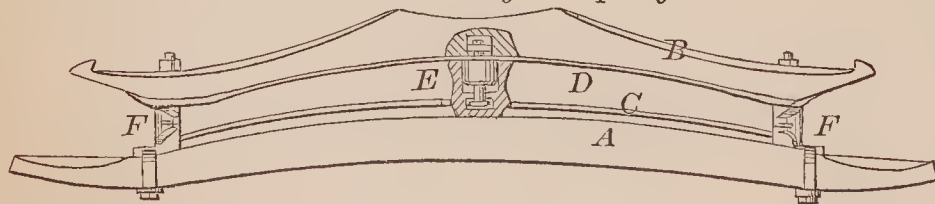
62254—C. C. Converse—*For Heating Cars, &c.*



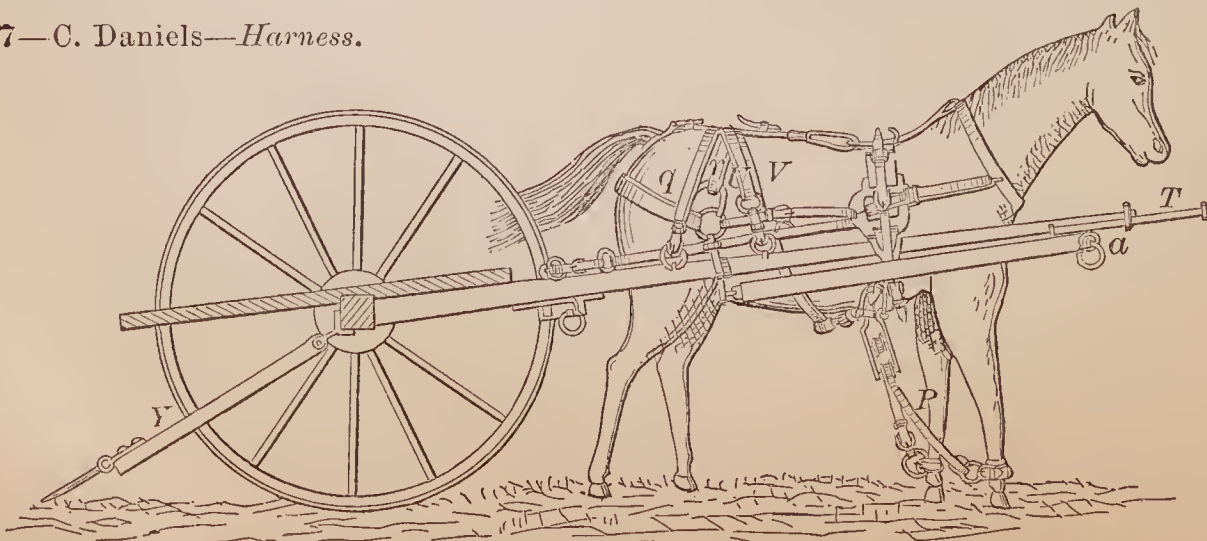
62252—J. Collins—*Harvester.*



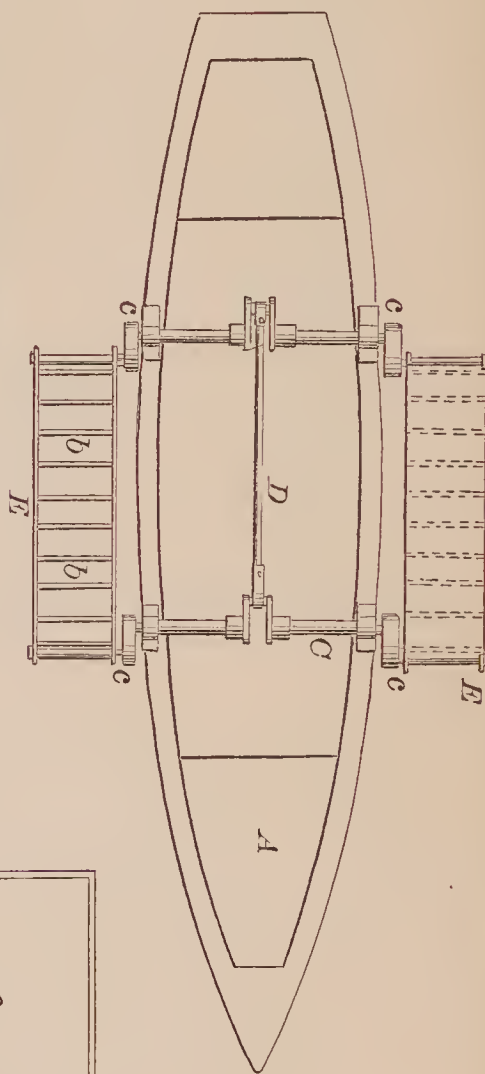
62253—H. Conderman—*Carriage Coupling.*



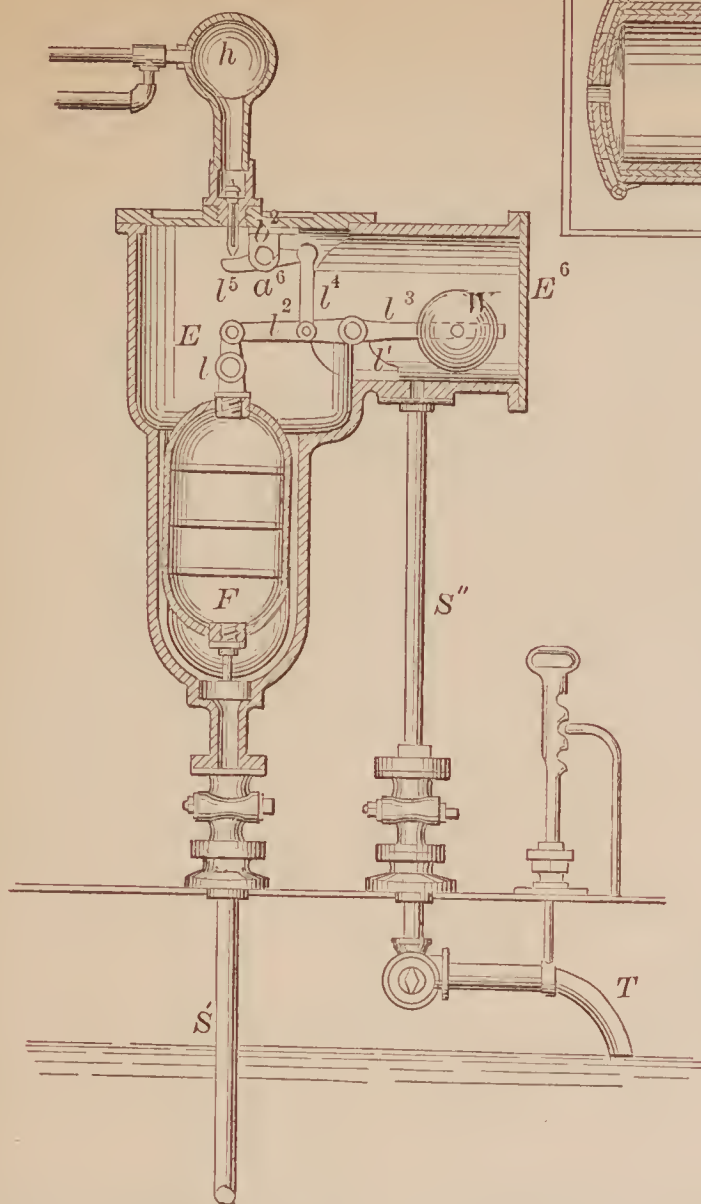
62257—C. Daniels—*Harness.*



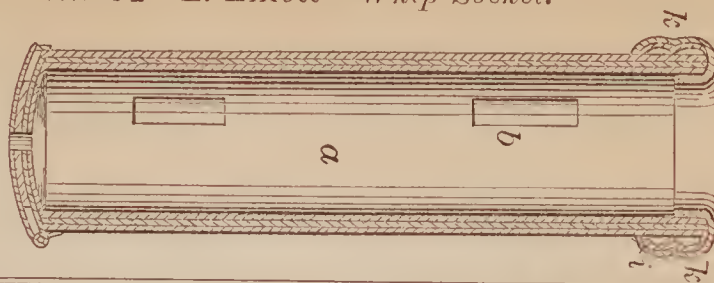
62255—J. Covert—*Propeller.*



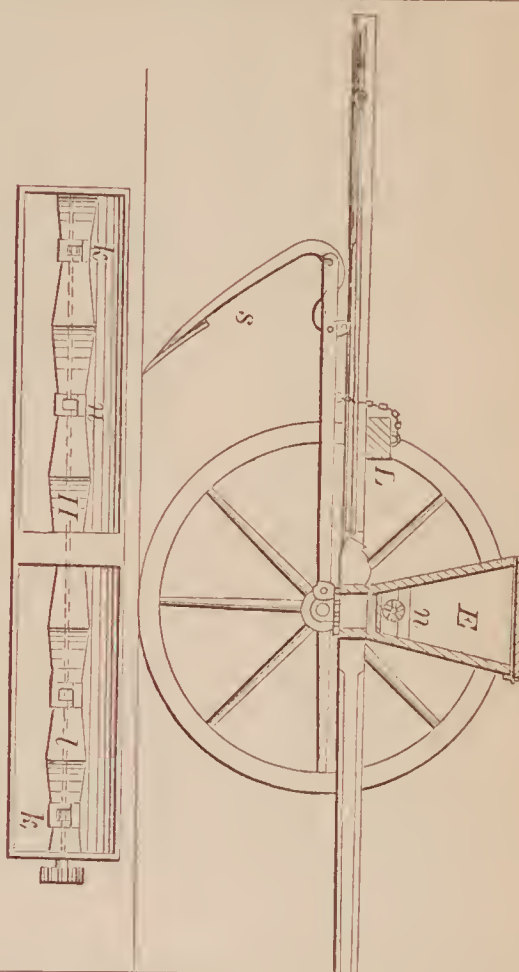
62258—Doughty & Olmsted—
Boiler Feeder.



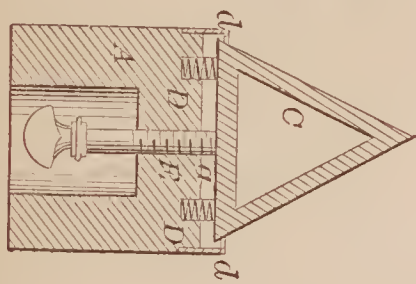
62261—L. Elliott—Whip Socket.



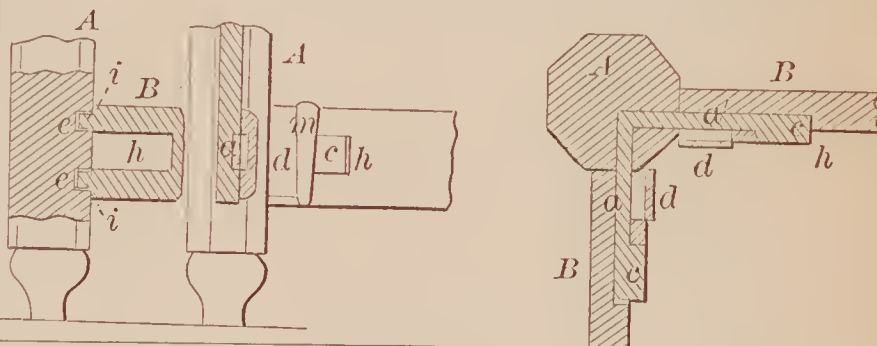
62259—Eggleston & Swain—Seeding Machine.



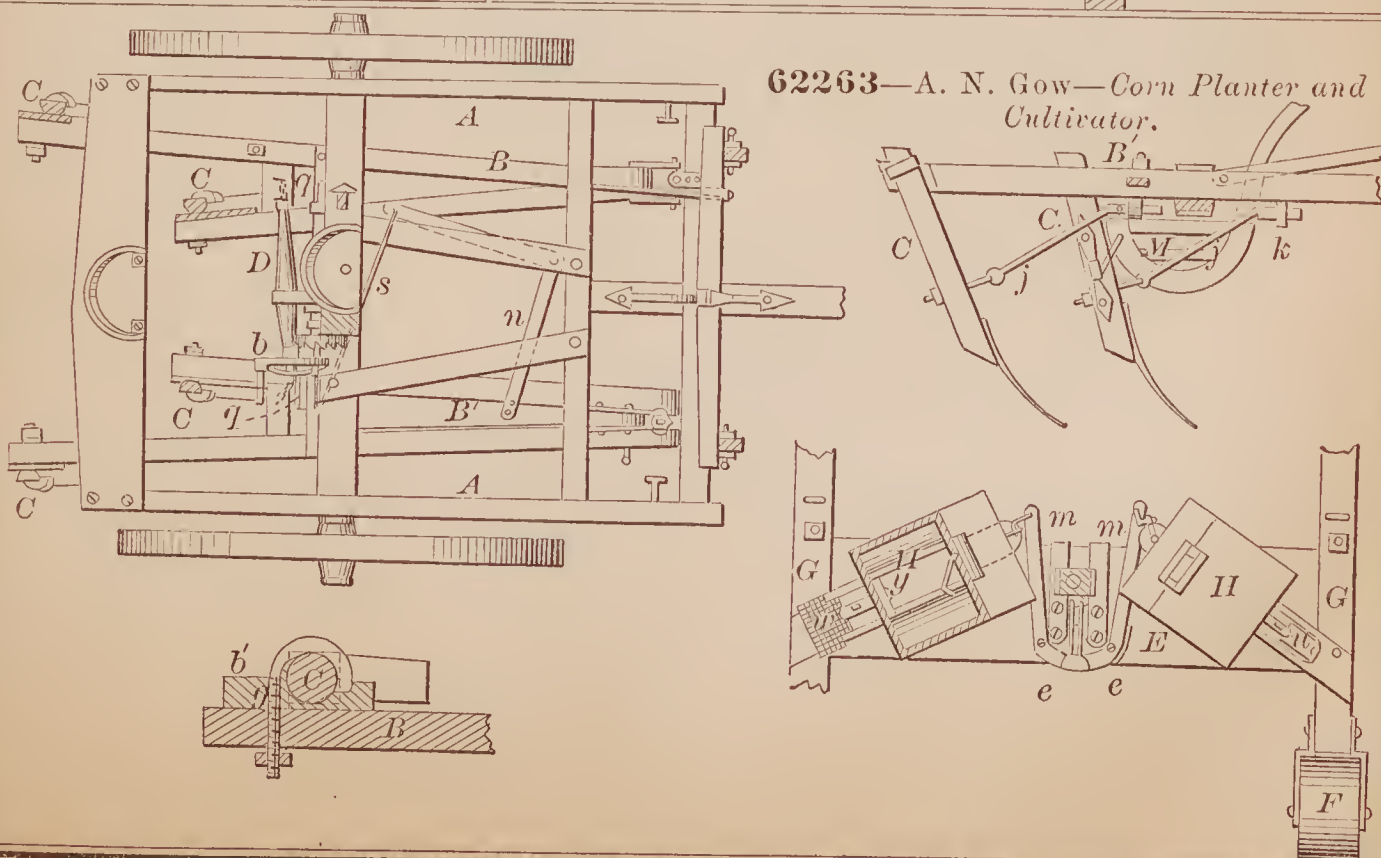
62260—H. Ellig—Match Case.



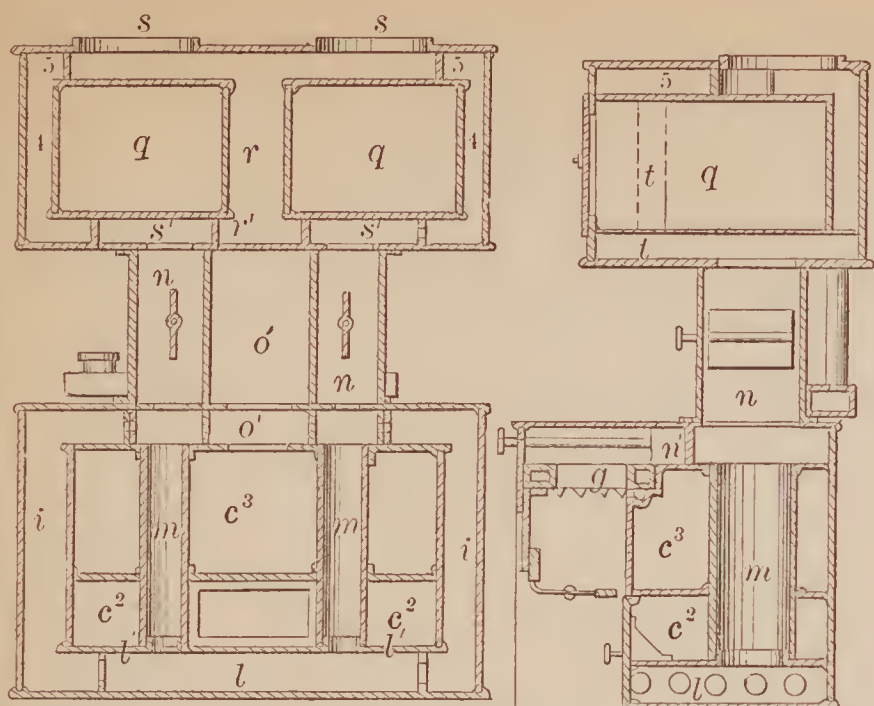
62262—P. H. Freylinghausen—Bedstead Fastening.



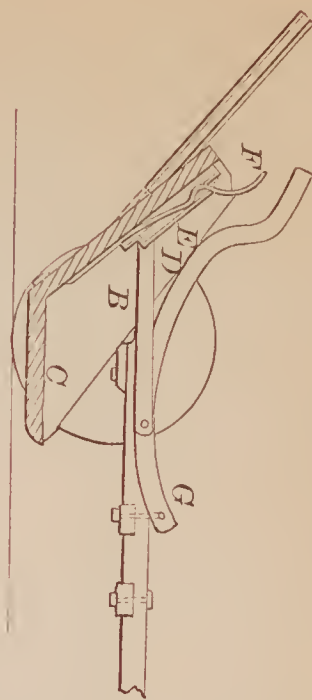
62263—A. N. Gow—Corn Planter and
Cultivator.



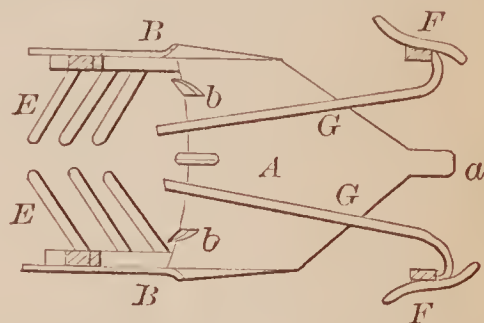
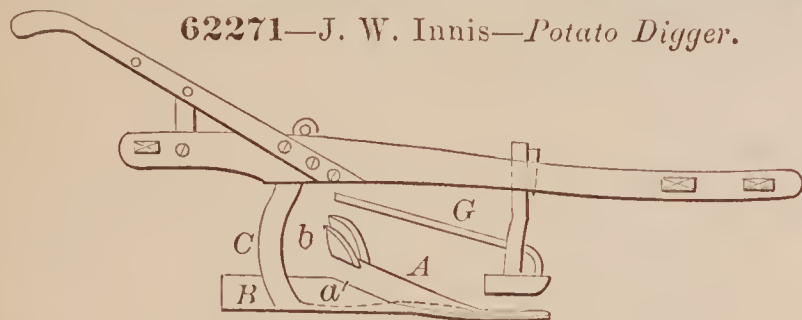
62270—M. C. Hull—*Cooking Range.*



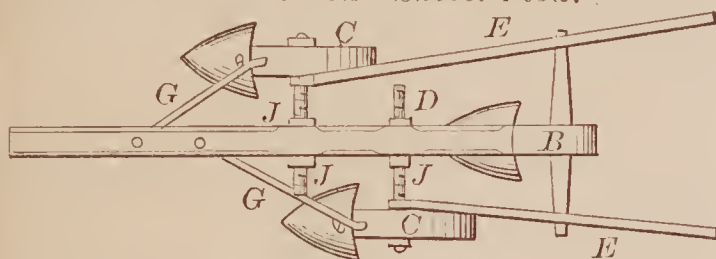
62273—W. W. Johnson—*Road Scraper.*



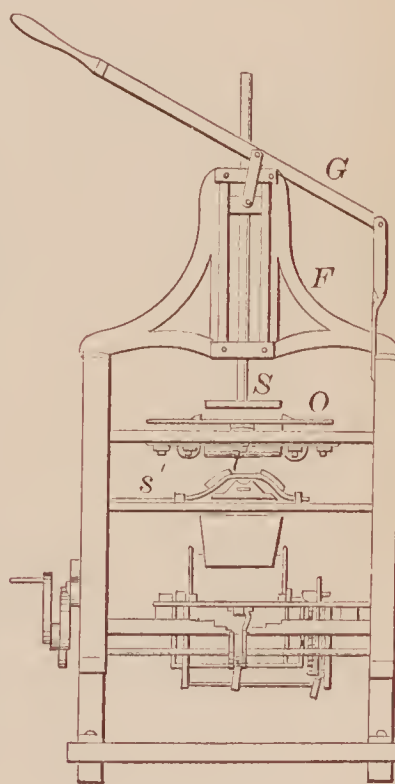
62271—J. W. Innis—*Potato Digger.*



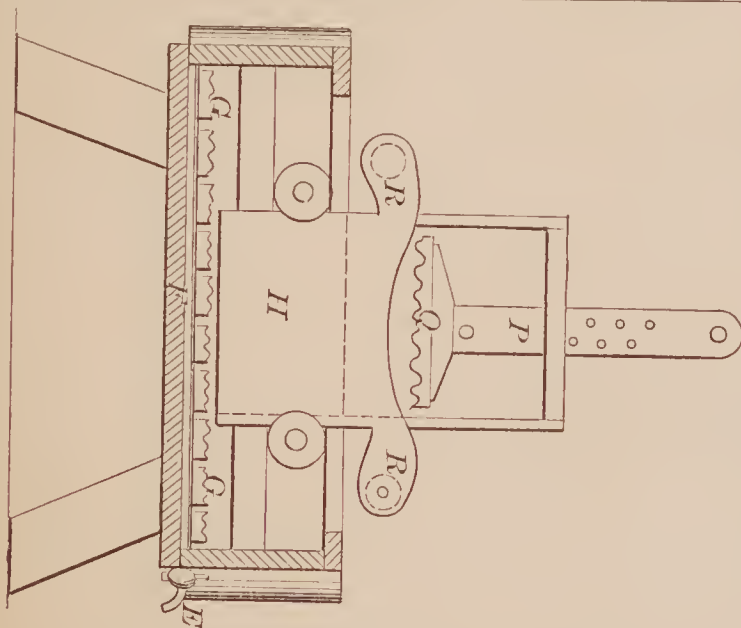
62272—S. W. Jackson—*Shovel Plow.*



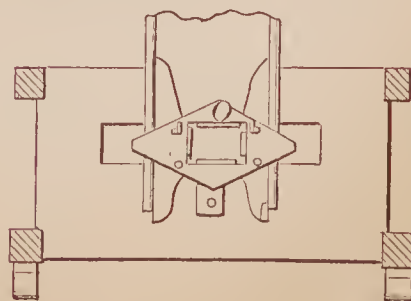
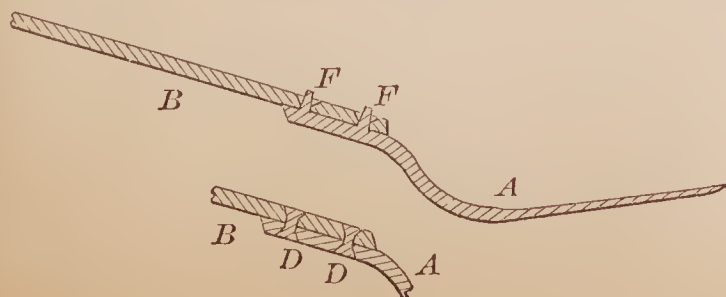
62274—J. M. D. Keating—*Envelope Machine.*



62275—J. King—*Washing Machine.*



62276—J. C. Klein—*Flesh Hook.*



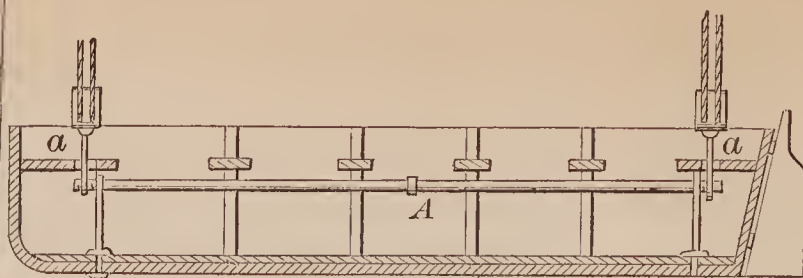
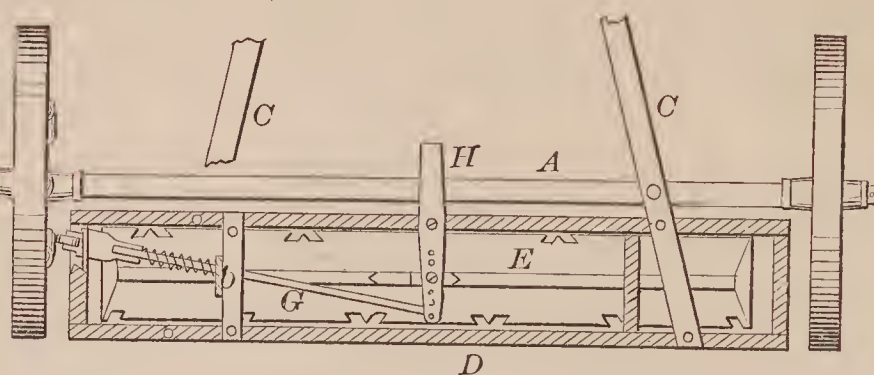
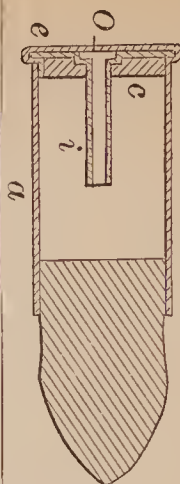
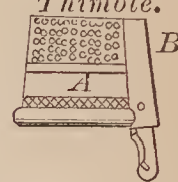
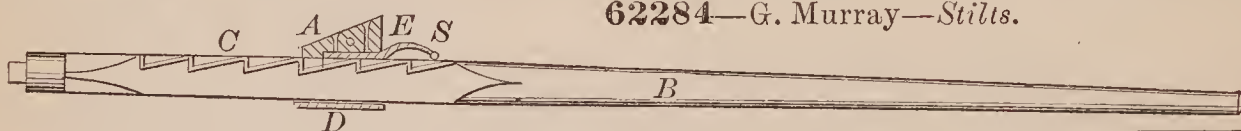
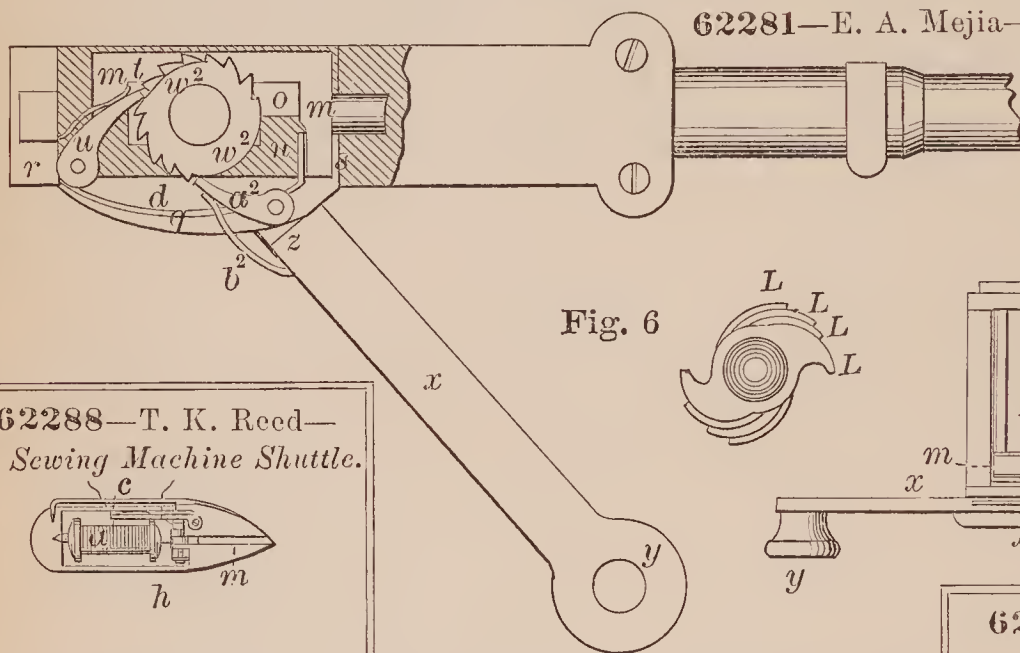
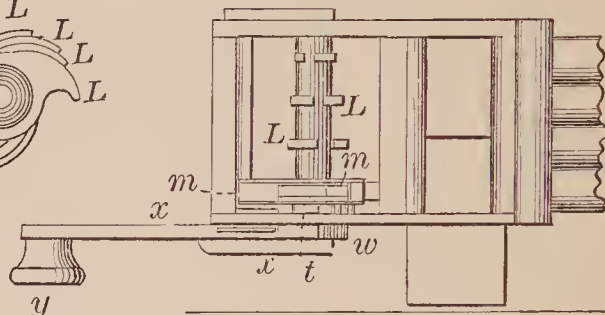
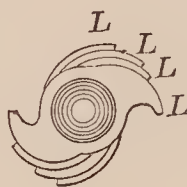
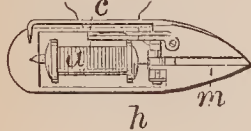
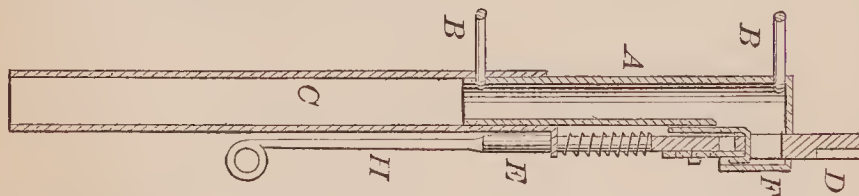
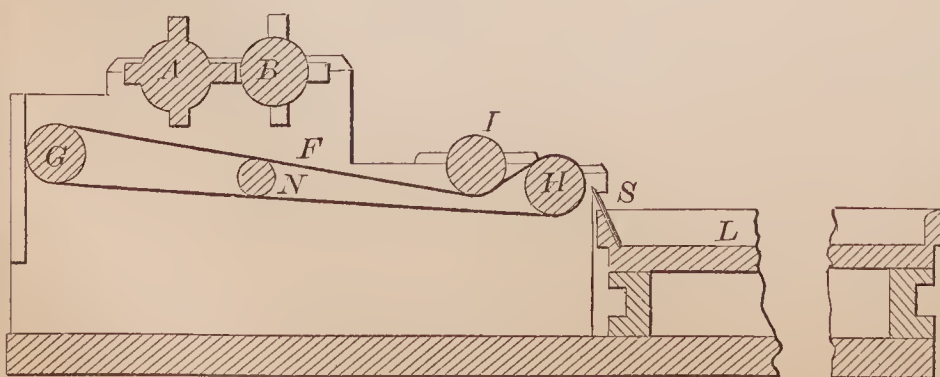
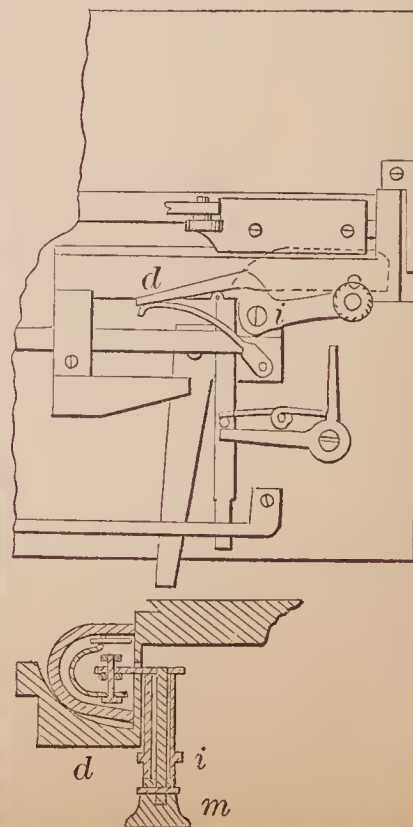
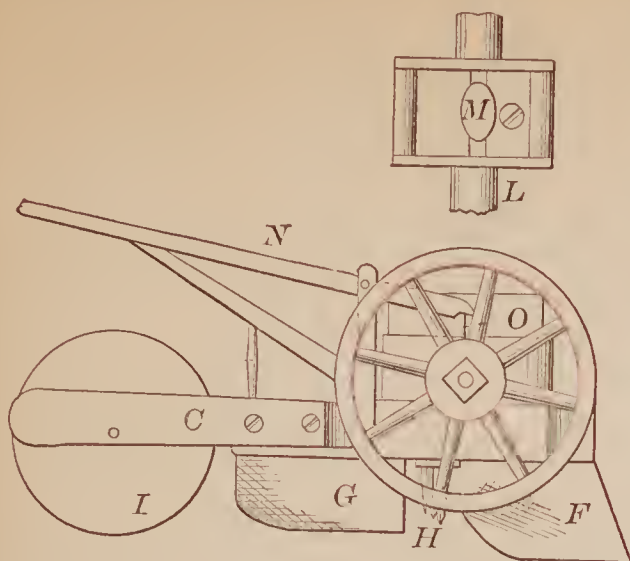
62279—G. B. Massey—*Boat Detaching Tackle.*62286—D. R. Prindle—*Seed Sower.*62283—L. M. Milbank—*Priming Metallic Cartridges.*62285—L. A. Peck—*Thimble.*62278—F. C. Lowthorp—*Truss Frame Bridge.*62284—G. Murray—*Stilts.*62281—E. A. Mejia—*Many Barreled Gun.*

Fig. 6

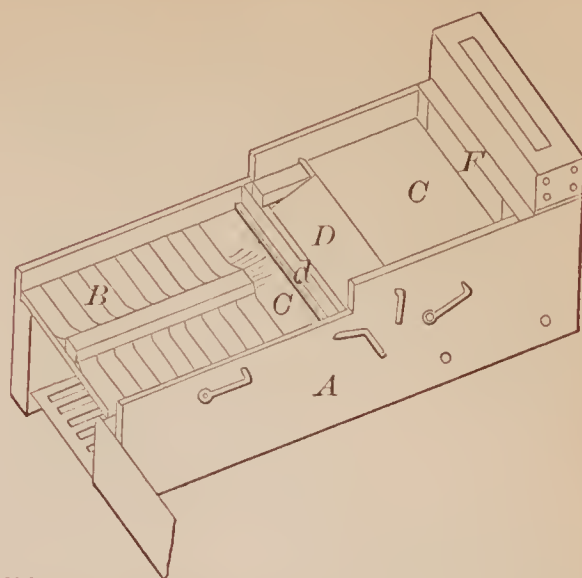
Fig. 1

62288—T. K. Reed—*Sewing Machine Shuttle.*62280—H. Maxell—*Corn Planter.*62289—S. Root—*Peat Machine.*62287—T. K. Reed—*Sewing Machine.*

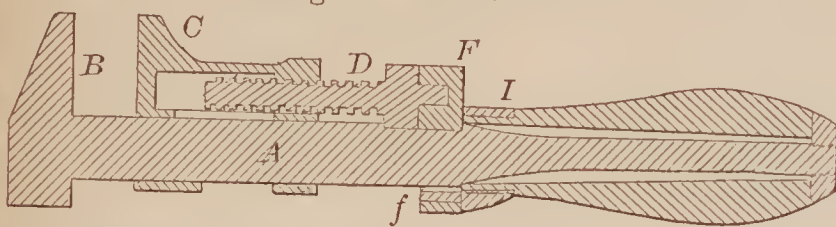
62290—D. Ruppert—*Corn Planter.*



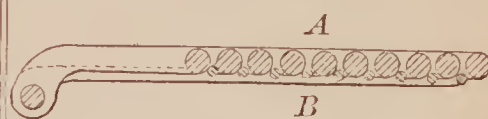
62292—S. M. Shattuck—*Sugar Evaporator.*



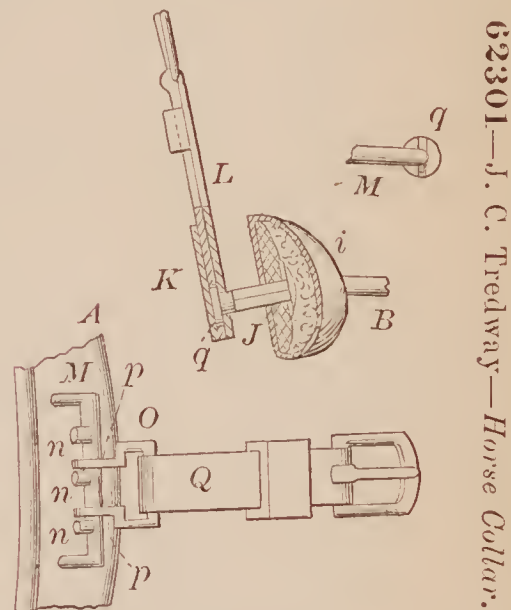
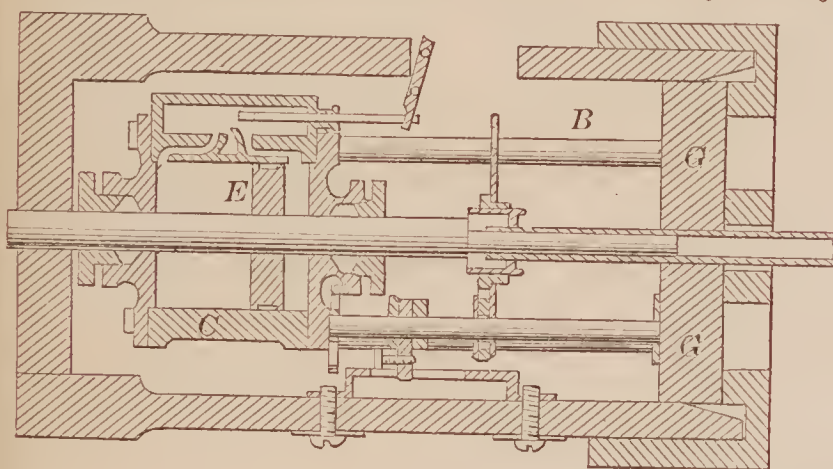
62291—J. B. Savage—*Wrench.*



62294—J. B. Siccardi—*Hair Crimper.*

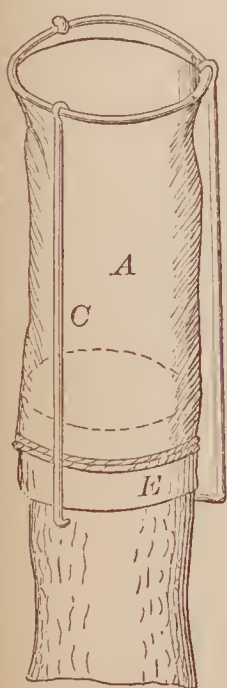
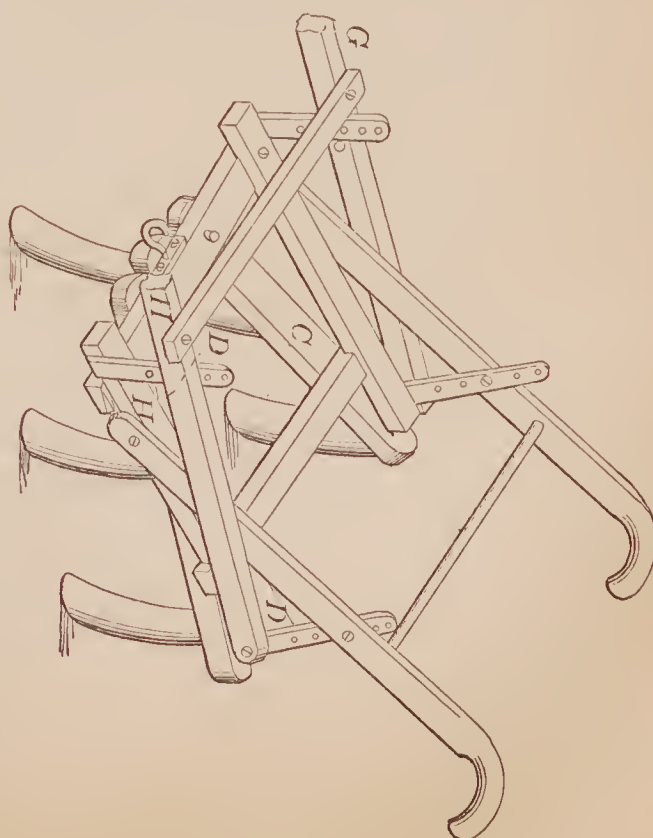


62293—Shipman & Hendryx—*For Extending Tubing.*

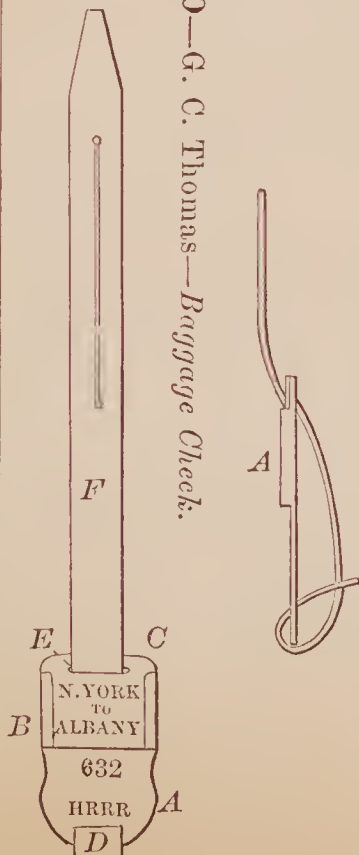


62301—J. C. Tredway—*Horse Collar.*

62302—L. G. Tuttle—*Cultivator.*



62295—W. B. Smith—*For Saturating Timber.*

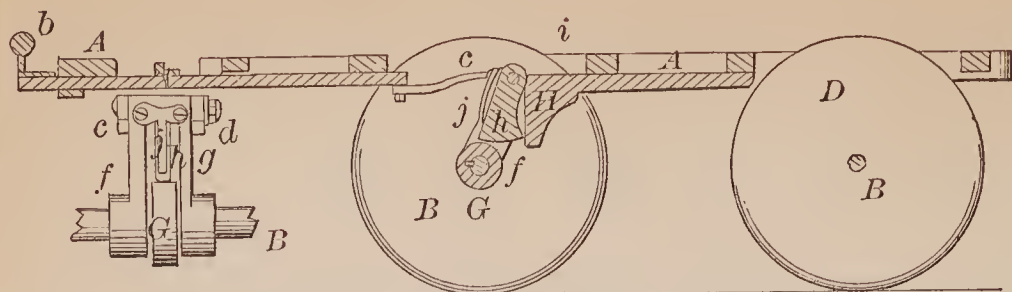


62300—G. C. Thomas—*Baggage Check.*

62296—S. W. Stockton—*Artificial Teeth.*

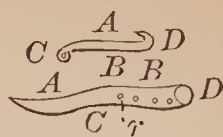


62303—A. A. Wilder—Car Starter.

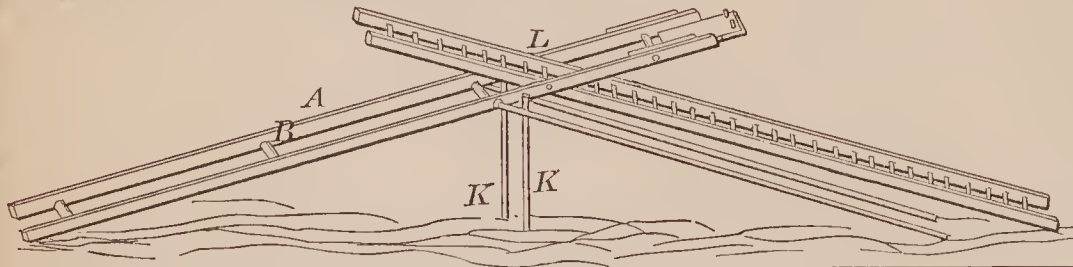


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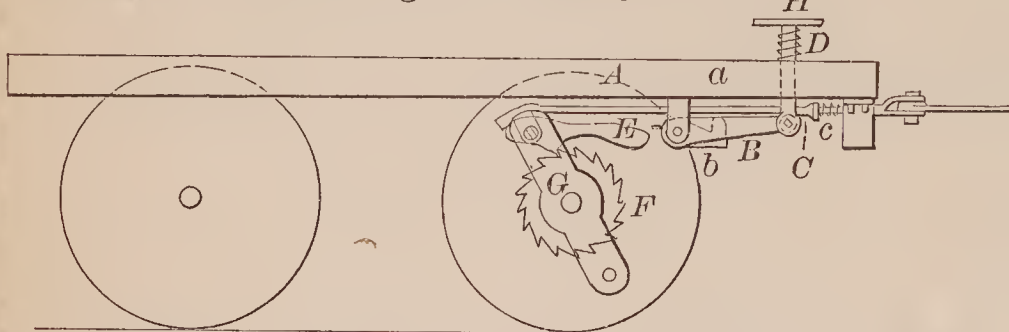
I. Banister—Shoe Clasp.



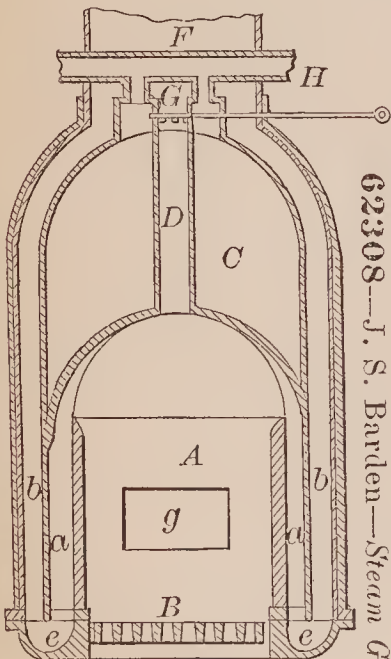
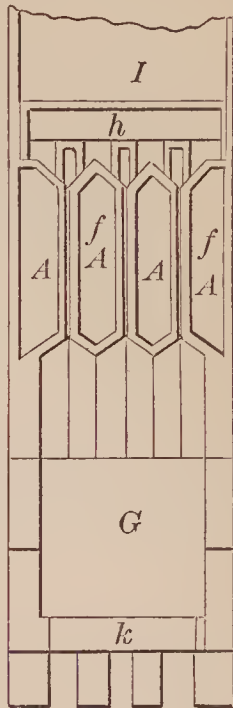
62305—H. O. Baker—Ladder.



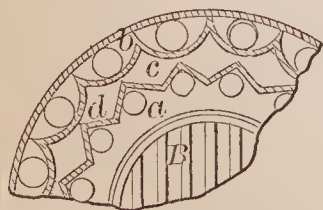
62304—A. S. Armstrong—For Starting Street Cars.



62307—J. S. Barden—Steam Generator.



62308—J. S. Barden—Steam Generator.

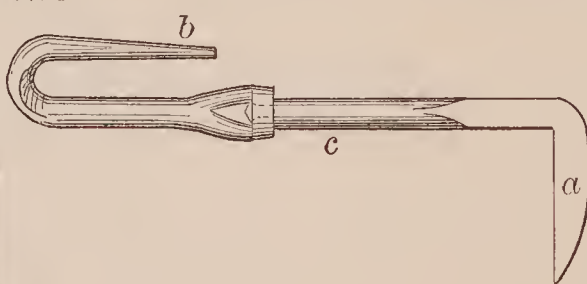


JANUARY						
B						
Sun	Mon	Tu	We	Th	Fr.	Sat.
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

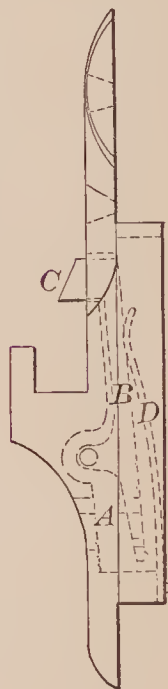
62313—C. W. Bryan—Calendar.



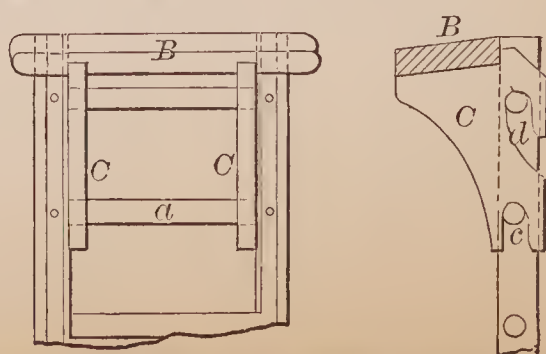
62309—A. M. Beard—Saw Mill Dog.



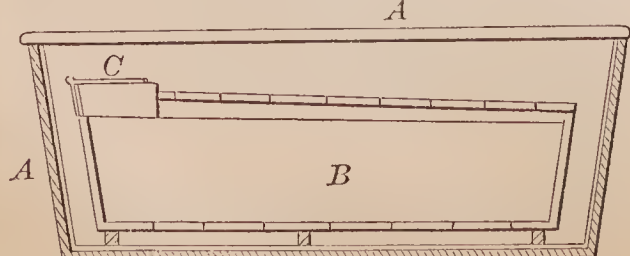
62311—S. B. Bowles—Car Seat Lock.



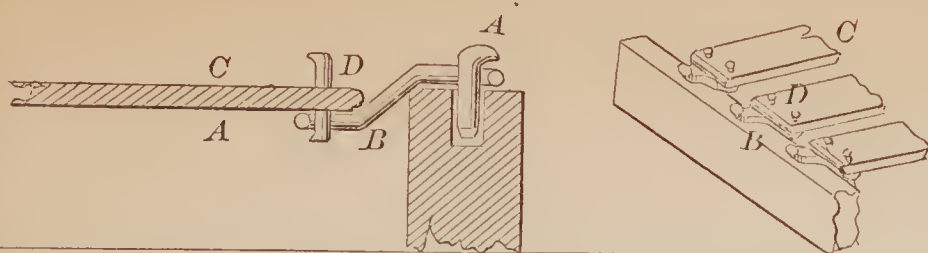
62314—M. Burt—Ladder.



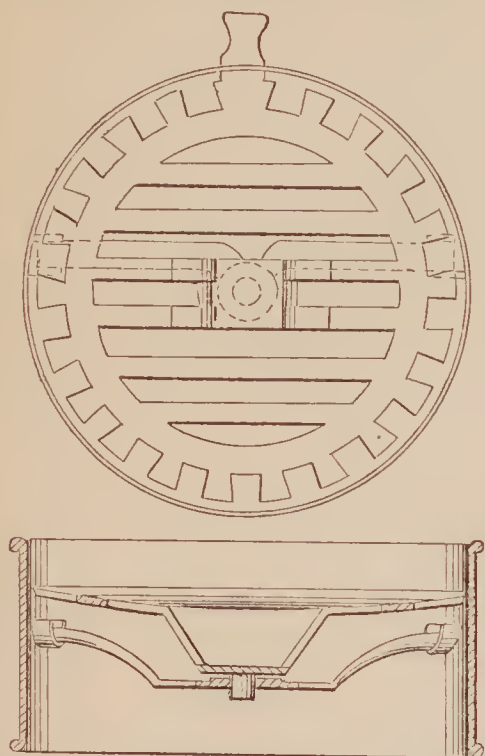
62310—G. D. Blocher—Corpse Preserver.



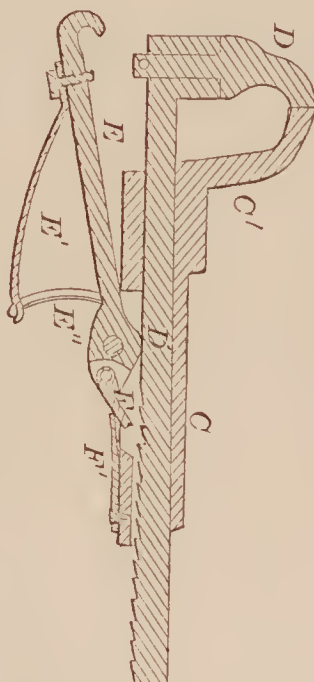
62315—J. B. Campbell—*Bed Bottom.*



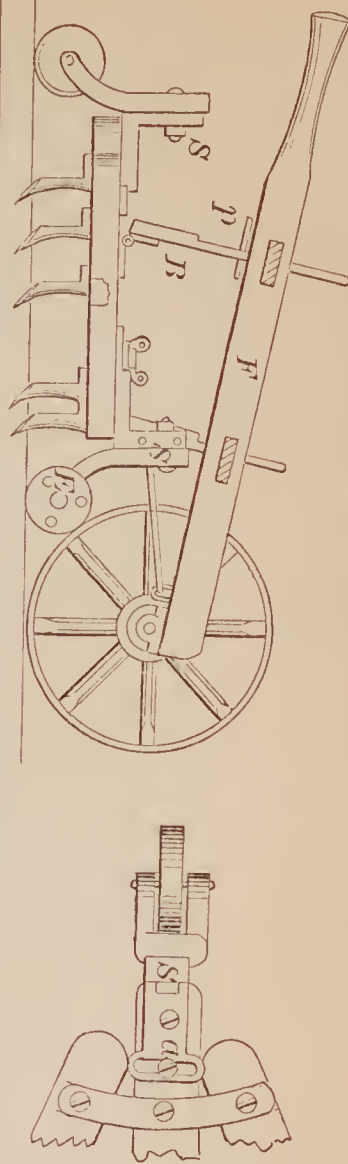
62316—J. C. Cochrane—*Grate.*



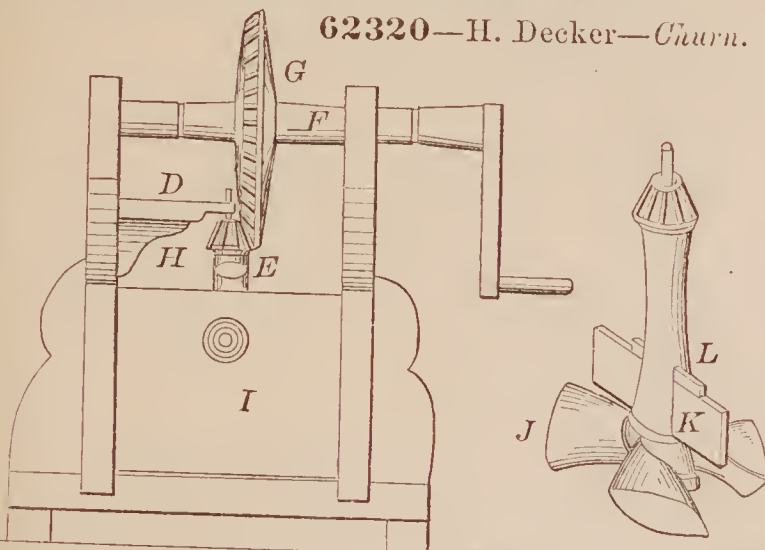
62319—P. Crowl—*Vise.*



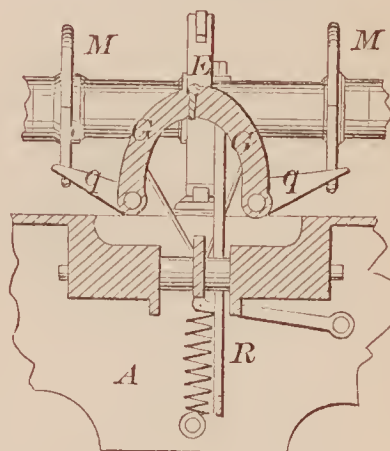
62317—Cone & Douglass—*Hand Cultivator.*



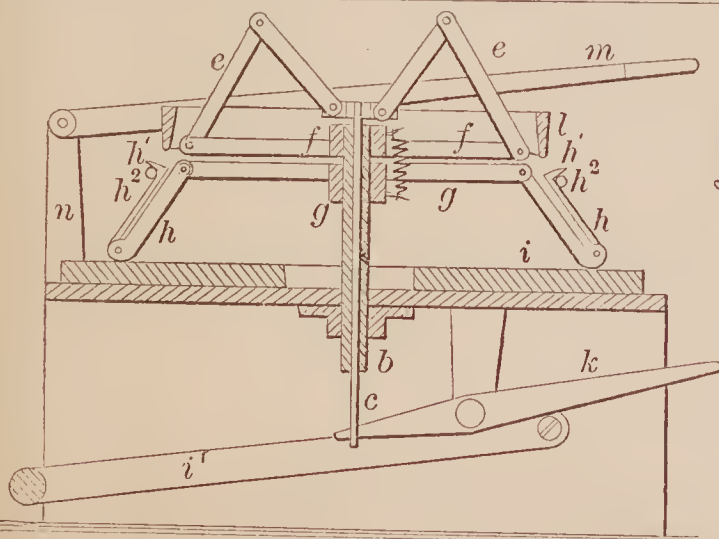
62320—H. Decker—*Churn.*



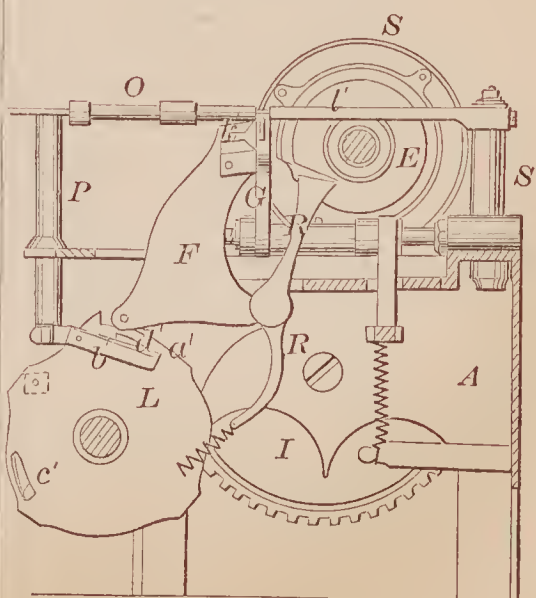
62322—L. H. Dwelley—*Horse Shoe Nail Machine.*



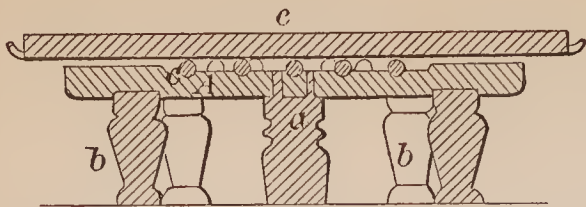
62321—J. De La Mar—*Hat Blocking Machine.*



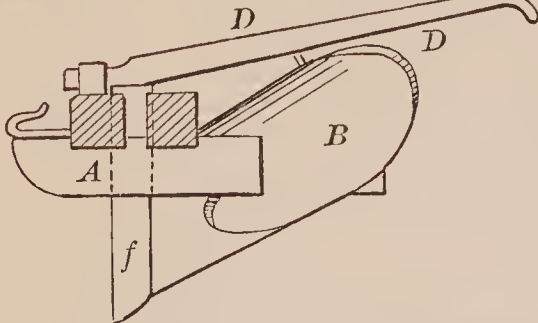
62323—G. F. Fessenden—*For Rolling and Spreading Dough.*



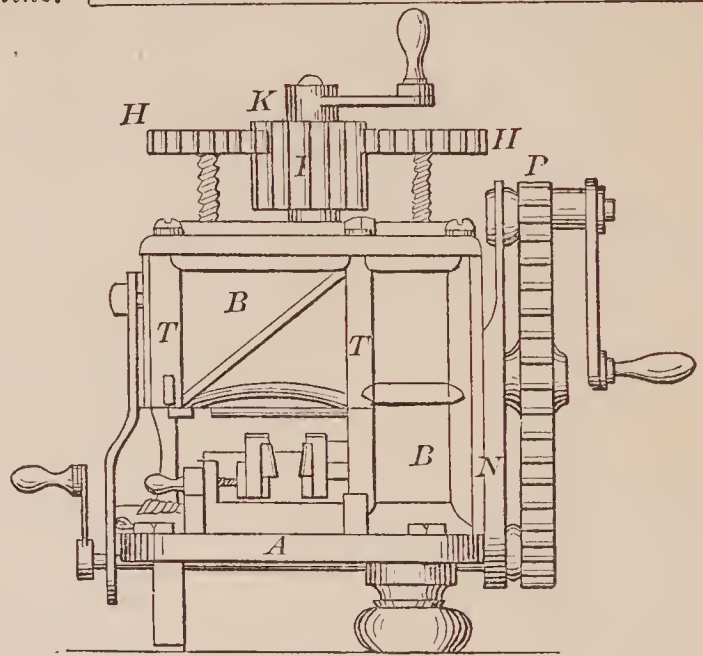
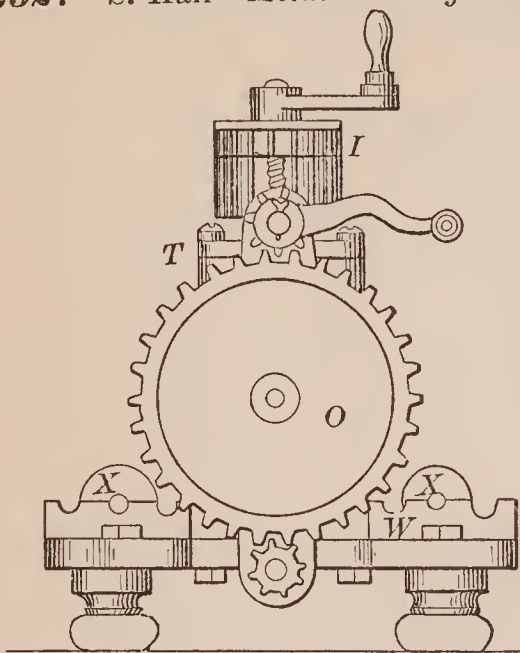
62324—E. Fitzhenry—*Leather Dressing Machine.*



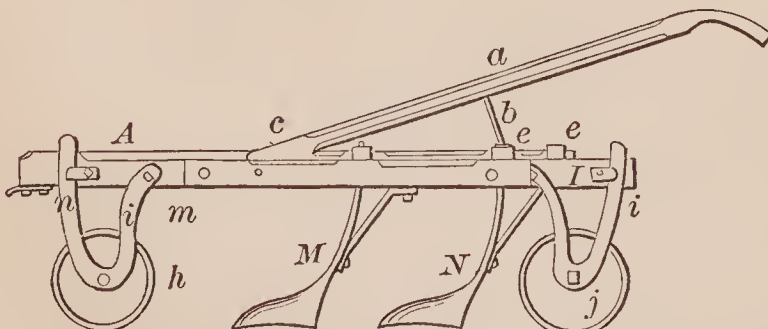
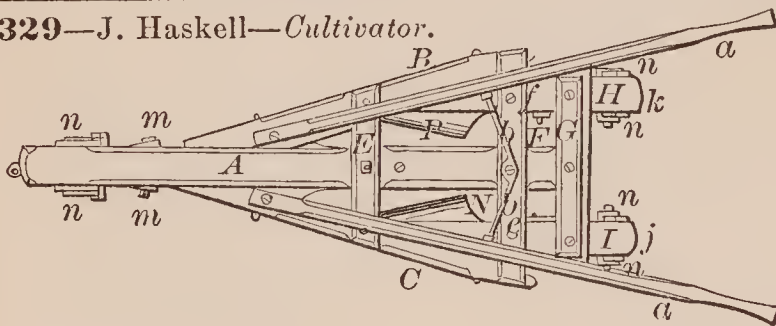
62325—C. L. Fleischmann—*Plow.*



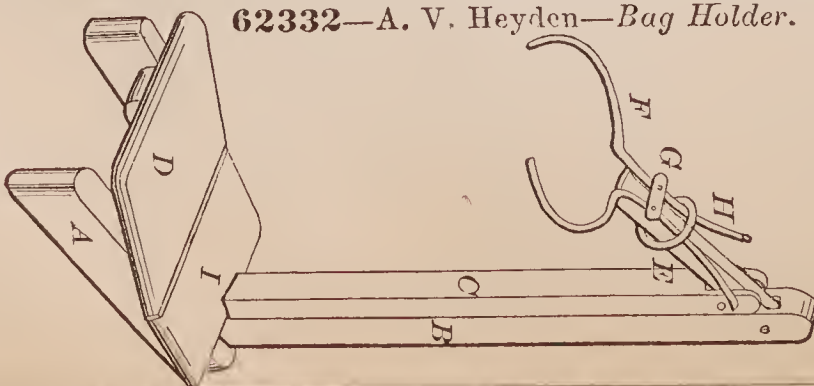
62327—S. Hall—*Metal Bending Machine.*



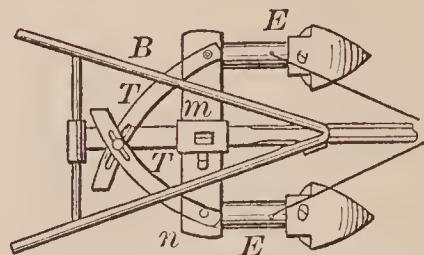
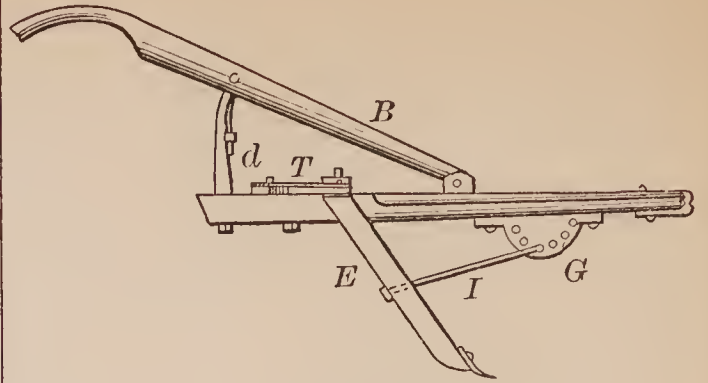
62329—J. Haskell—*Cultivator.*



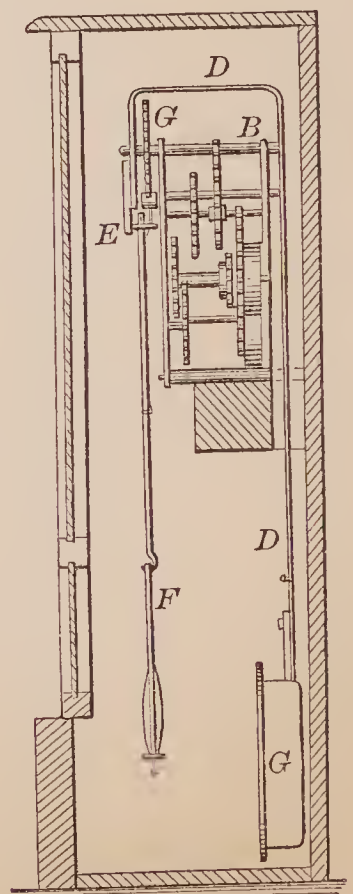
62332—A. V. Heyden—*Bag Holder.*



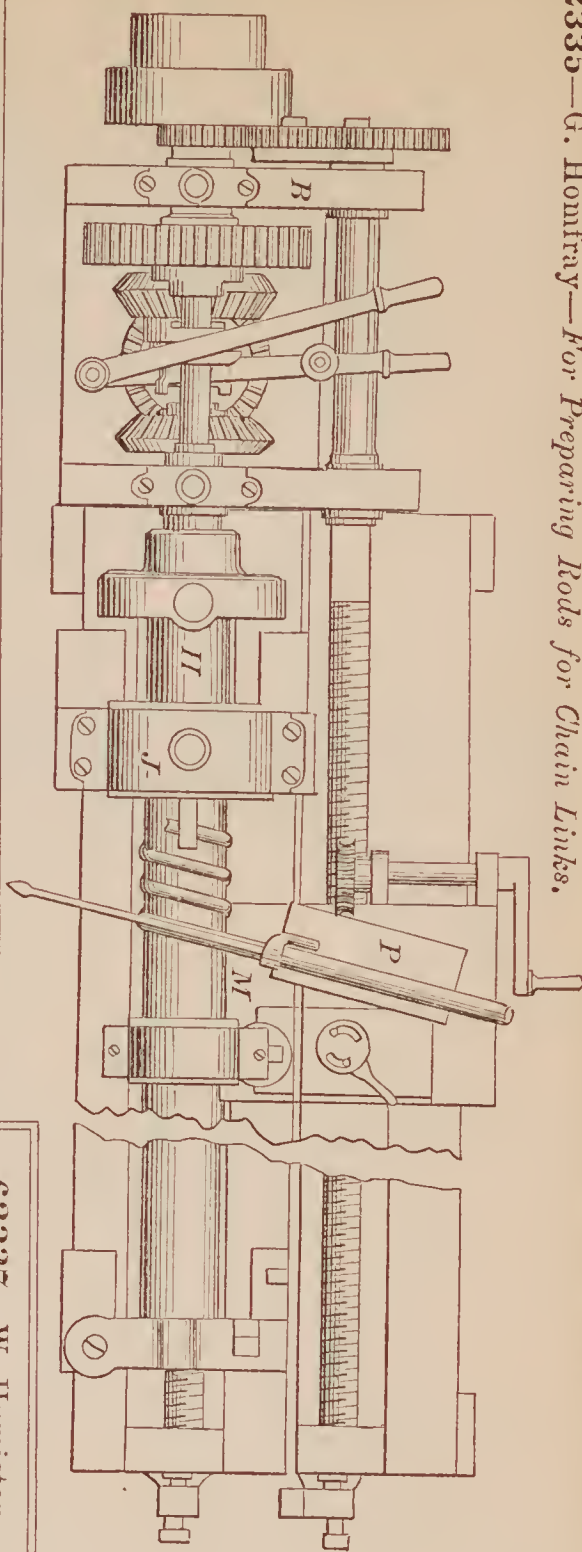
62326—C. S. Gwinnup—*Cultivator.*



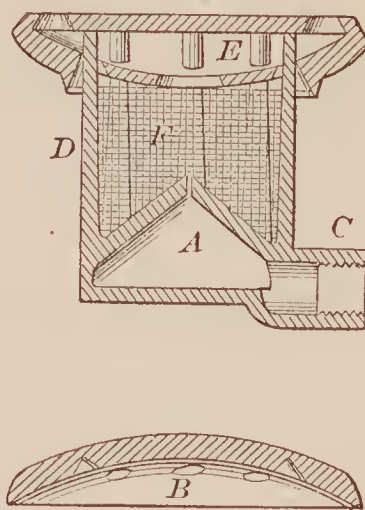
62330—G. Heninger—*Suspending Clock Pendulums.*



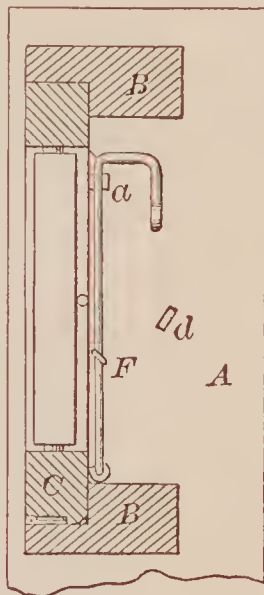
62335—G. Homfray—For Preparing Rods for Chain Links.



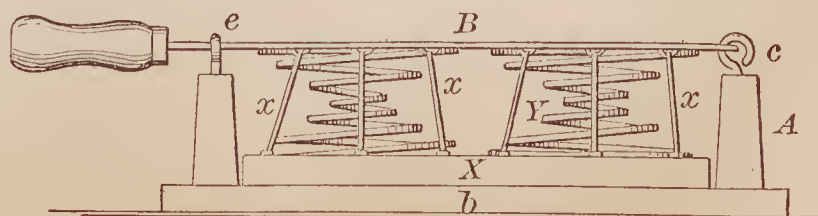
62339—W. E. Jervey—Petroleum Stove Burner.



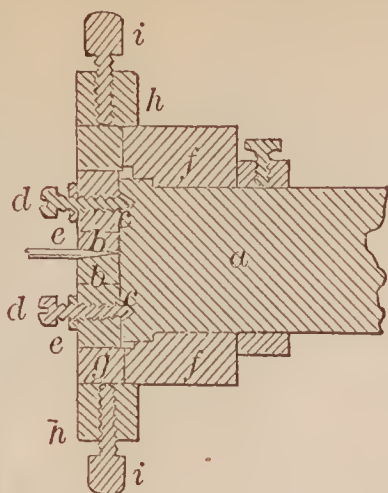
62337—W. Humiston—Blind Fastening.



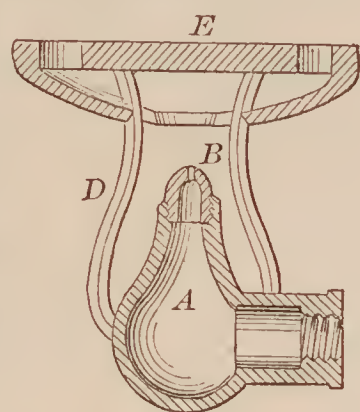
62340—E. F. Johns—For Applying Springs to Cushions.



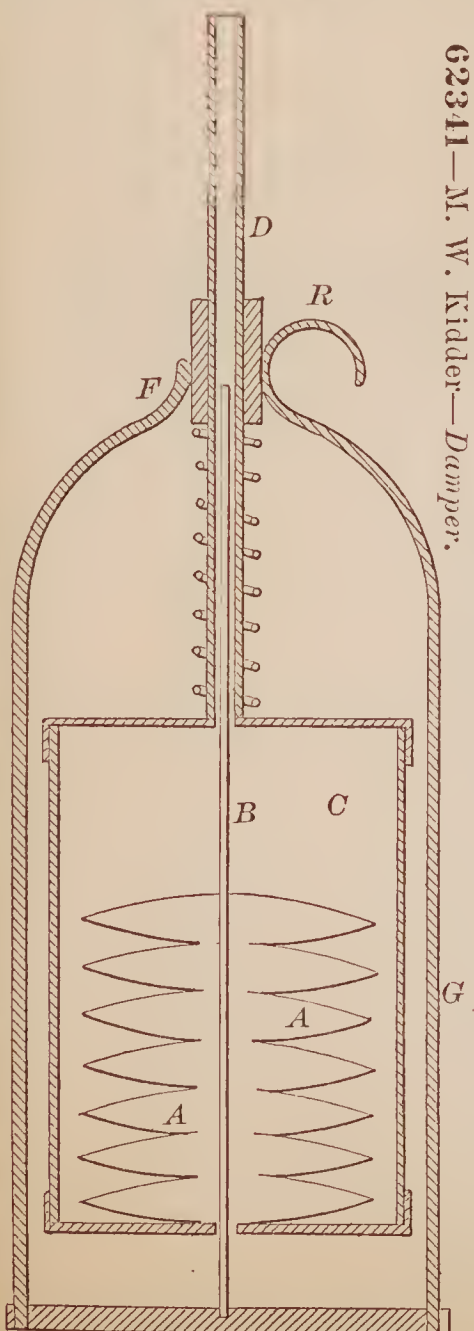
62336—Hopson & Brooks—Wire Pointing and Reducing.



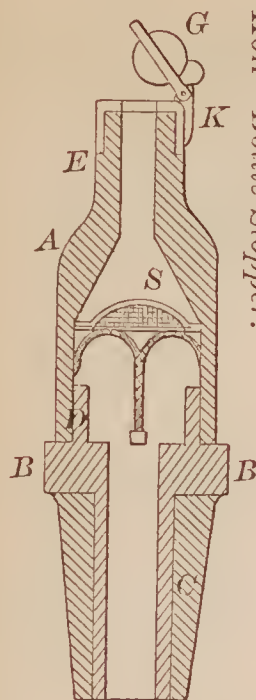
62338—W. E. Jervey—Petroleum Stove Burner.



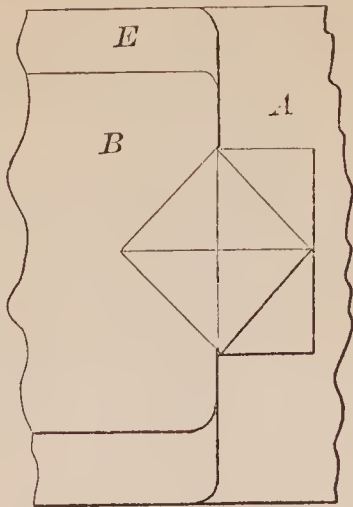
62341—M. W. Kidder—Dumper.



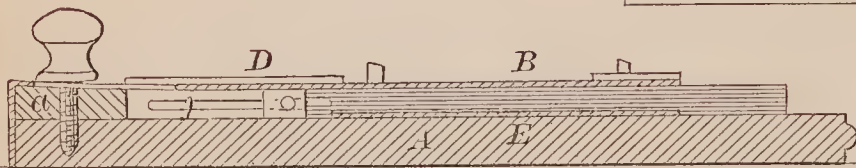
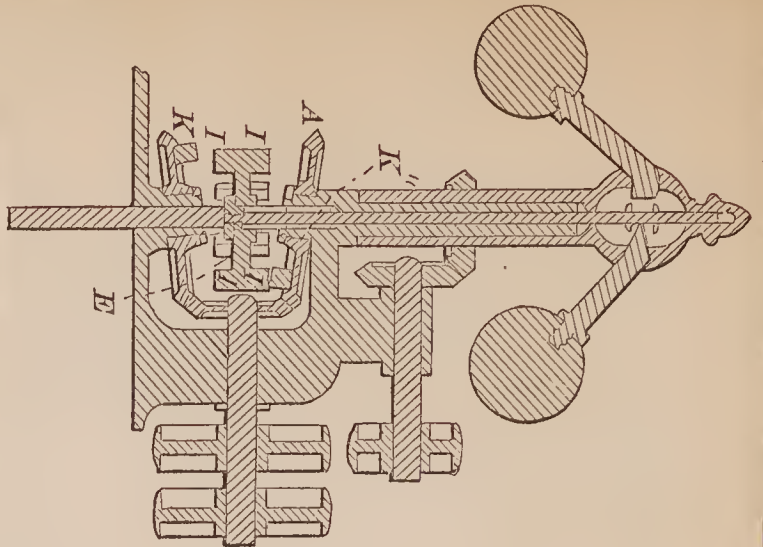
62333—H. Holl—Bottle Stopper.



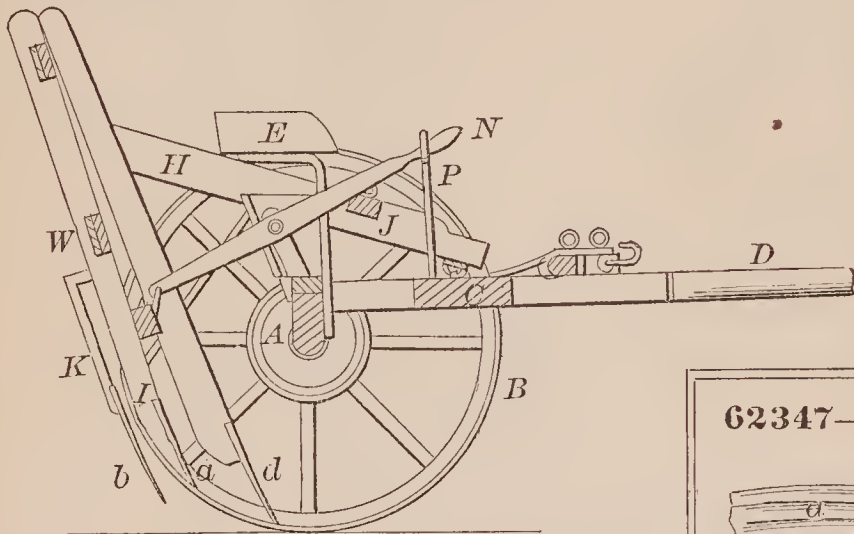
62342—Kirk & Howlett—*Paper Bag Manufacture.*



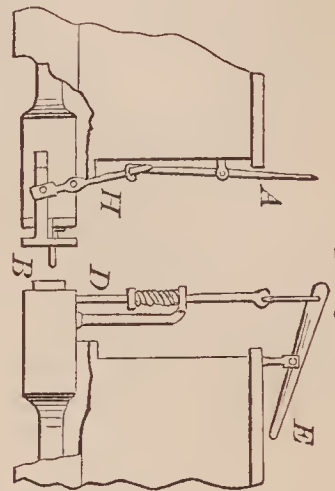
62343—W. A. L. Kirk—*Governor.*



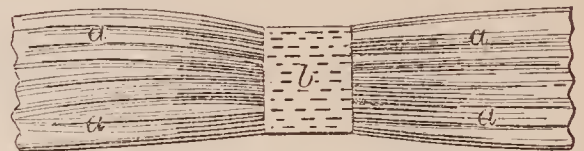
62344—Lane & Coulter—*Cultivator.*



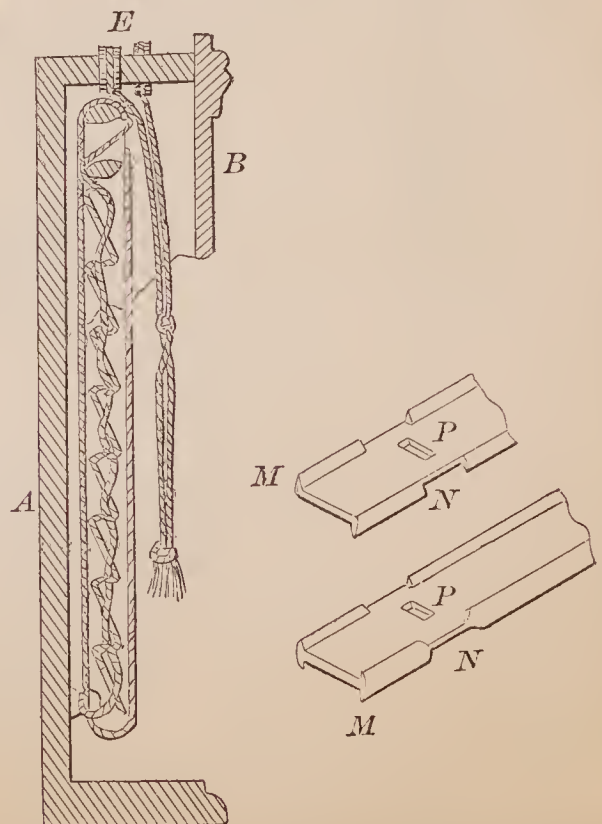
62345—Leib & Hornbeck—*Car Coupling.*



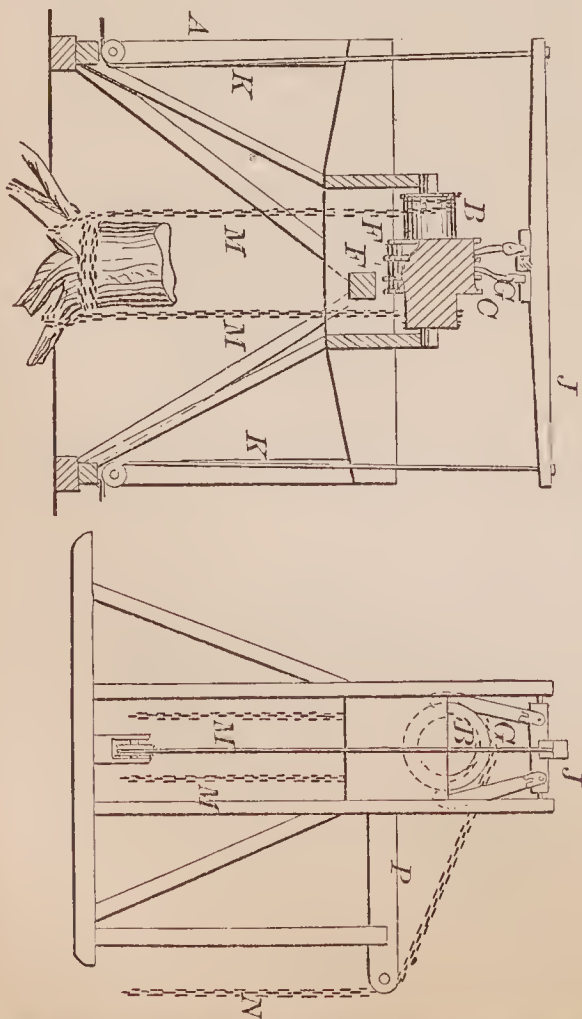
62347—W. B. Link—*Mop Cloth.*



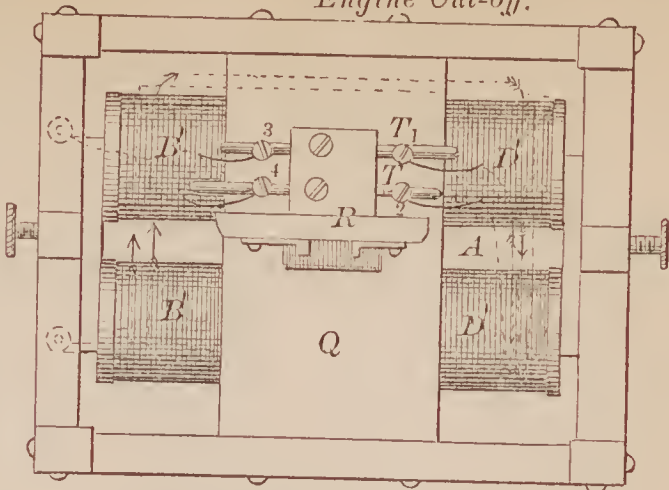
62348—F. Little—*Blind Slat.*



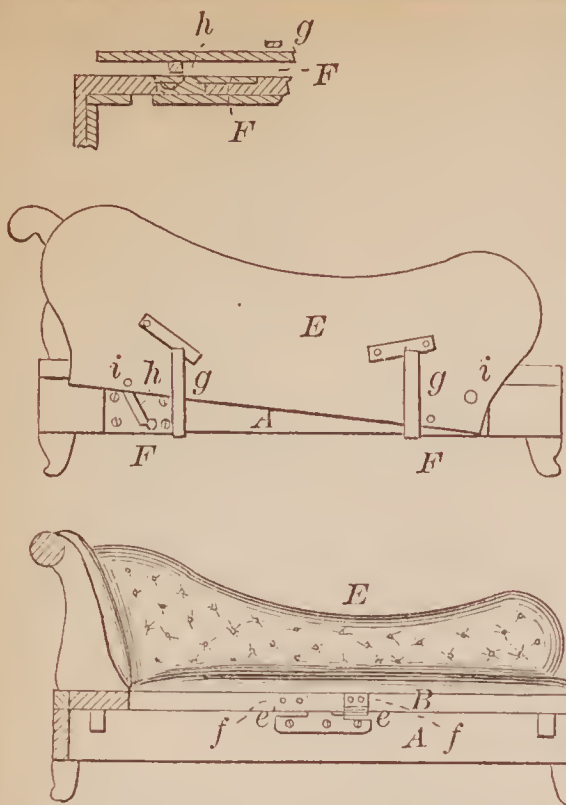
62346—H. Leamm—*Stump Extractor.*



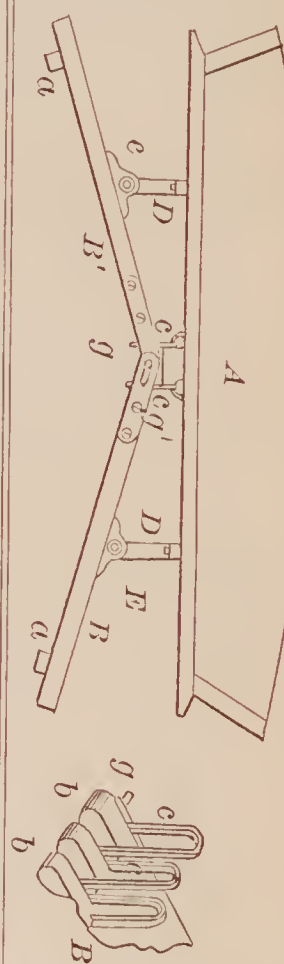
62352—L. H. McCullough—*Electro-Magnetic Engine Cut-off.*



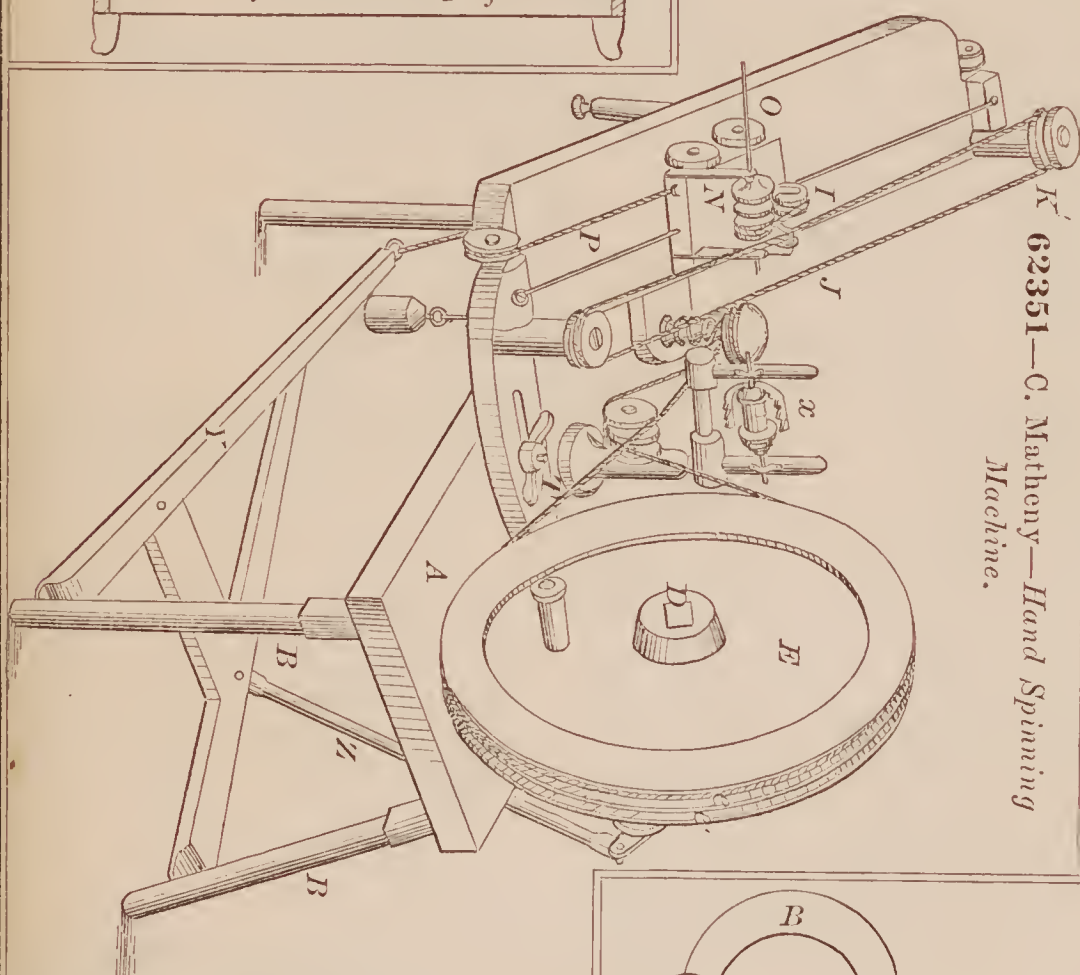
62349—S. Lloyd—*Reversible Lounge.*



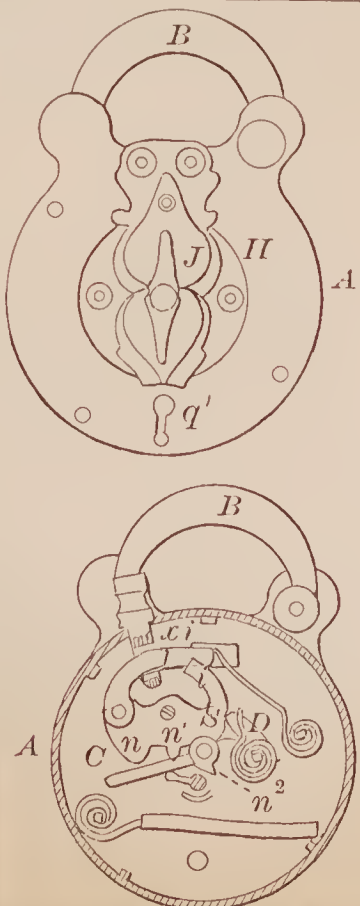
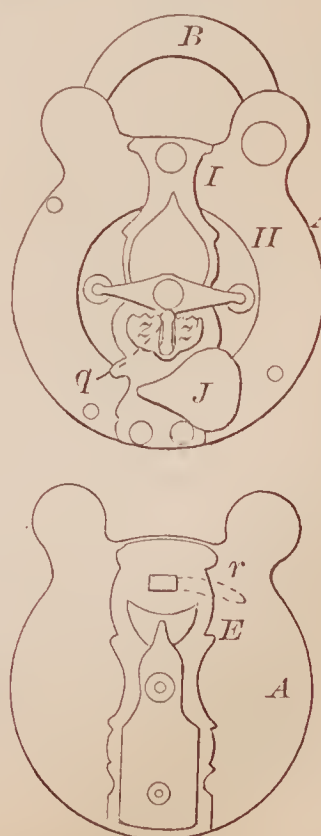
62350—H. W. Mapes, Jr.—*Vehicle Spring Seat.*



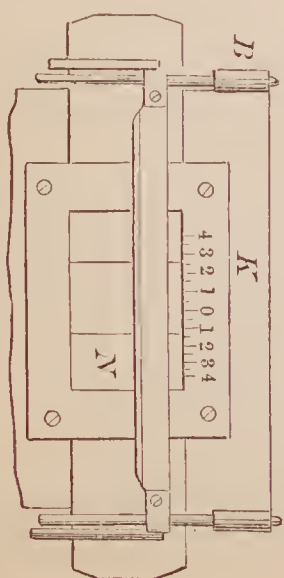
62351—C. Matheny—*Hand Spinning Machine.*



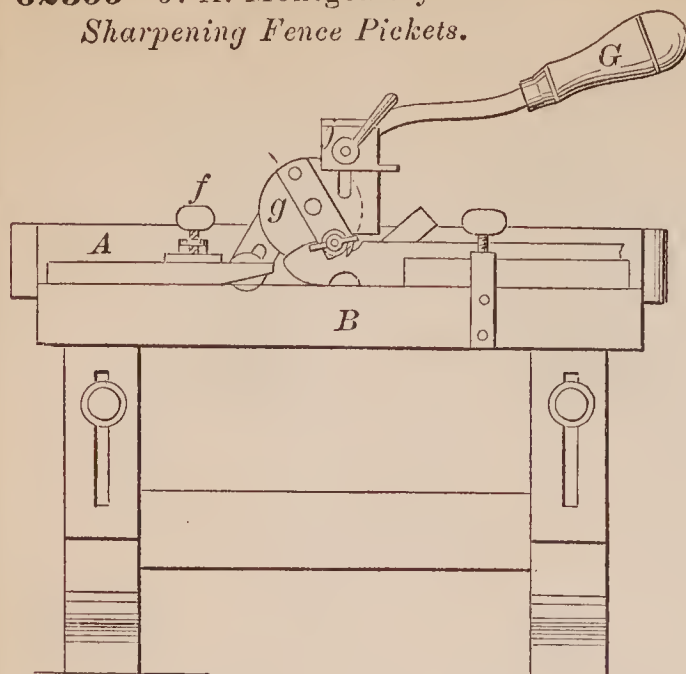
62353—C. H. Miller—*Padlock.*



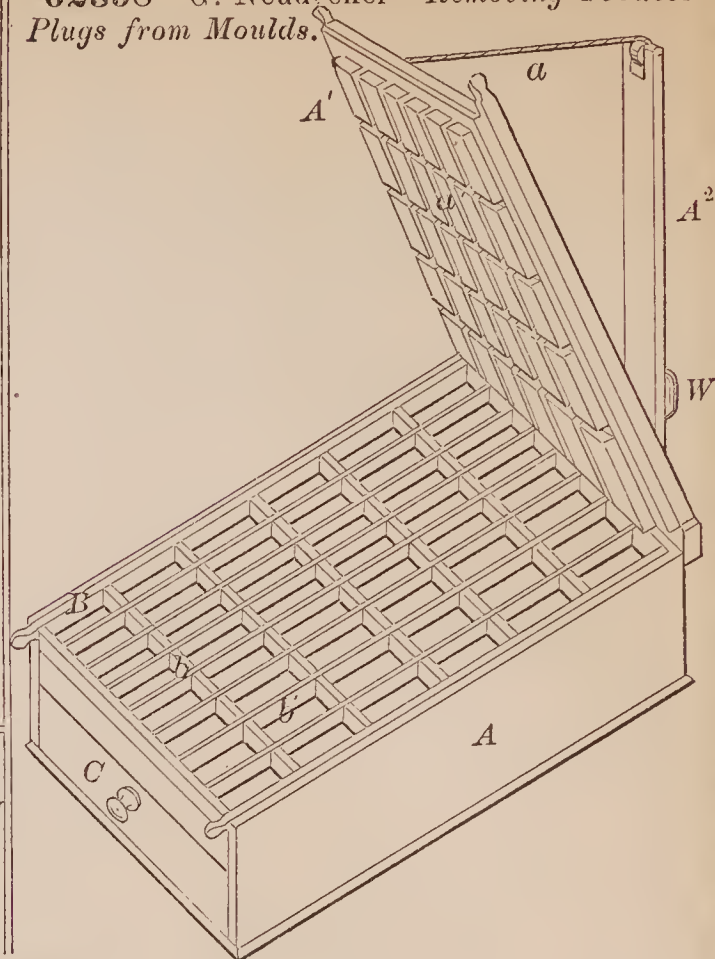
62354—E. L. Moeschler—*For Gauging Loaves of Bread.*



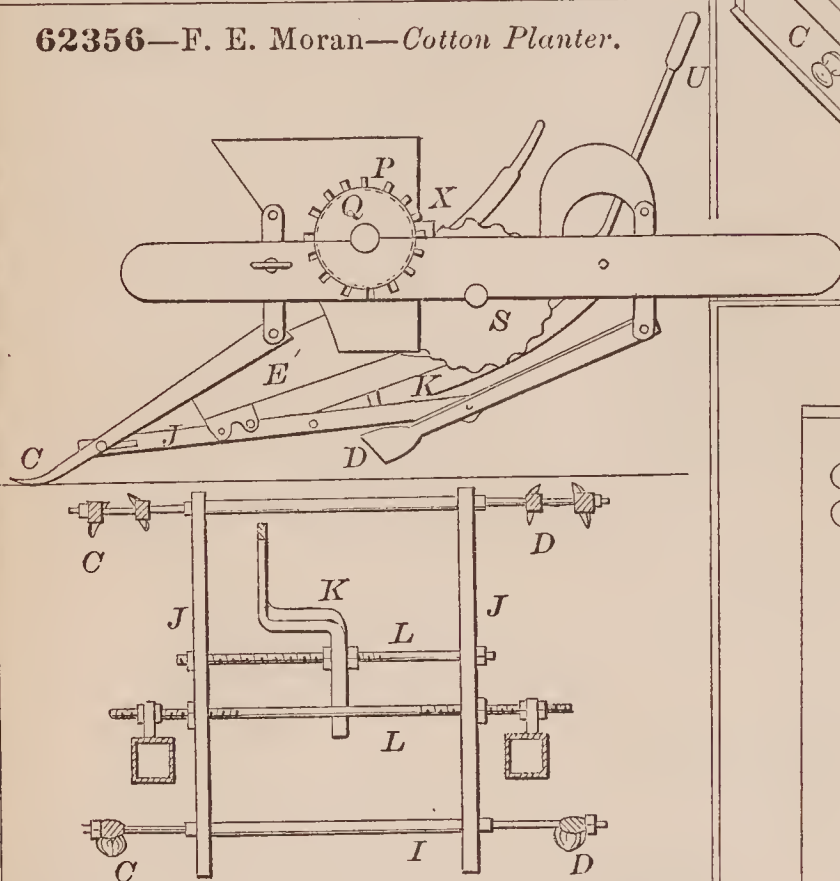
62355—J. A. Montgomery—*For Sharpening Fence Pickets.*



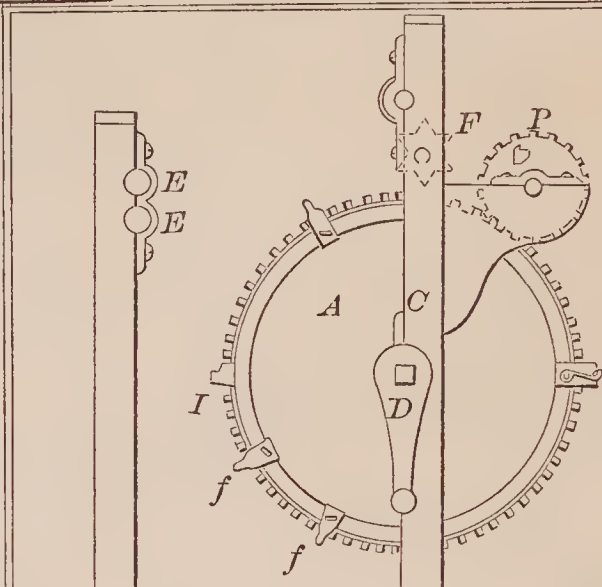
62358—G. Neudecker—*Removing Tobacco Plugs from Moulds.*



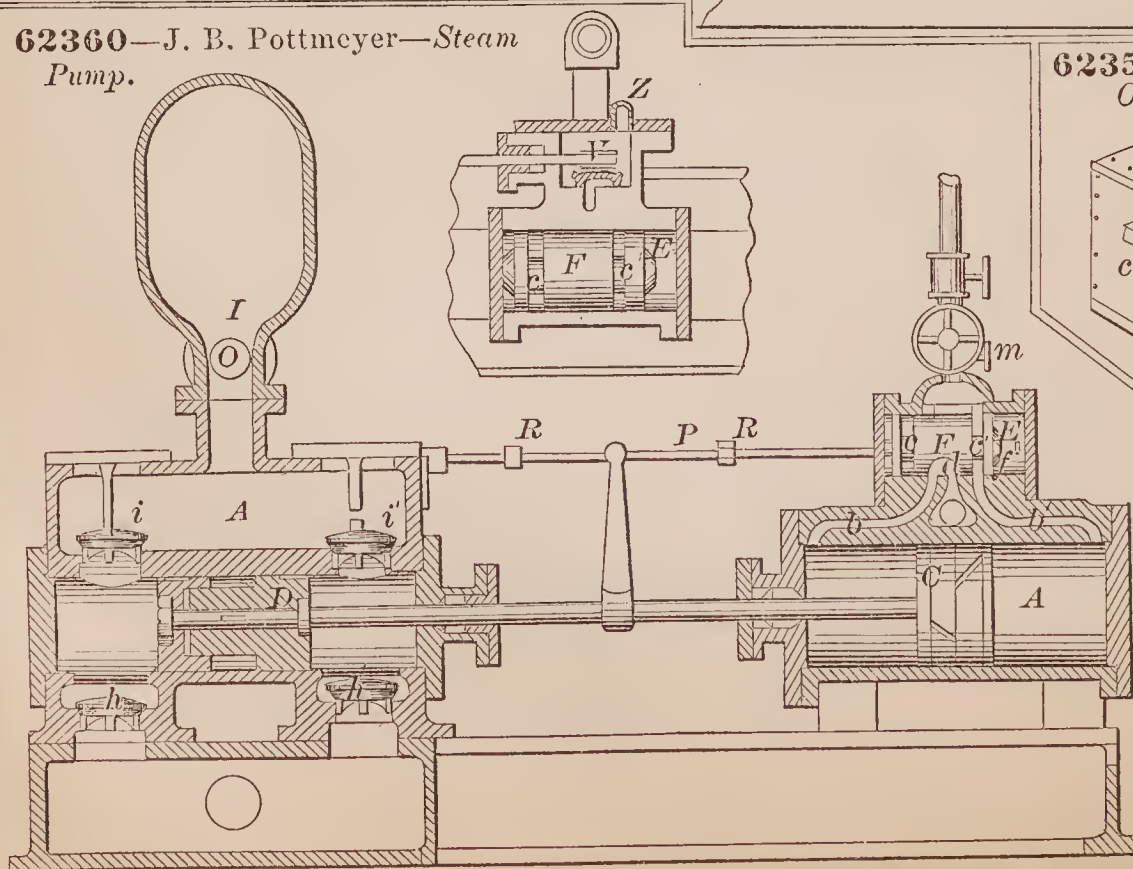
62356—F. E. Moran—*Cotton Planter.*



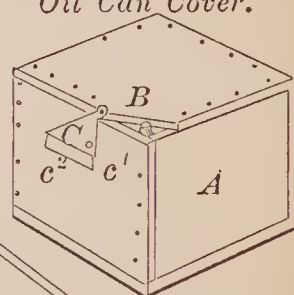
62359—Perkins & Gilbert—*Hoop Skirt Machine.*



62360—J. B. Pottmeyer—*Steam Pump.*



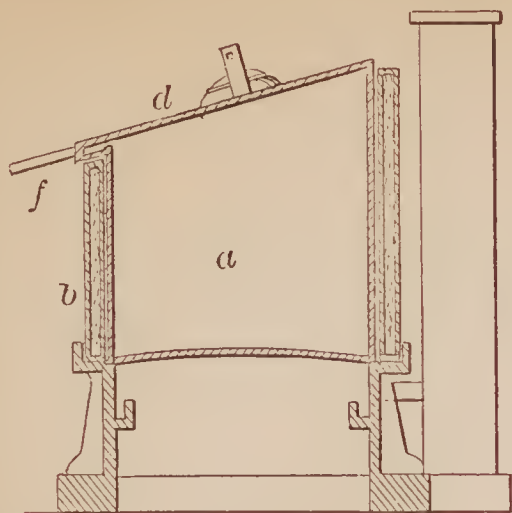
62357—E. A. More—*Oil Can Cover.*



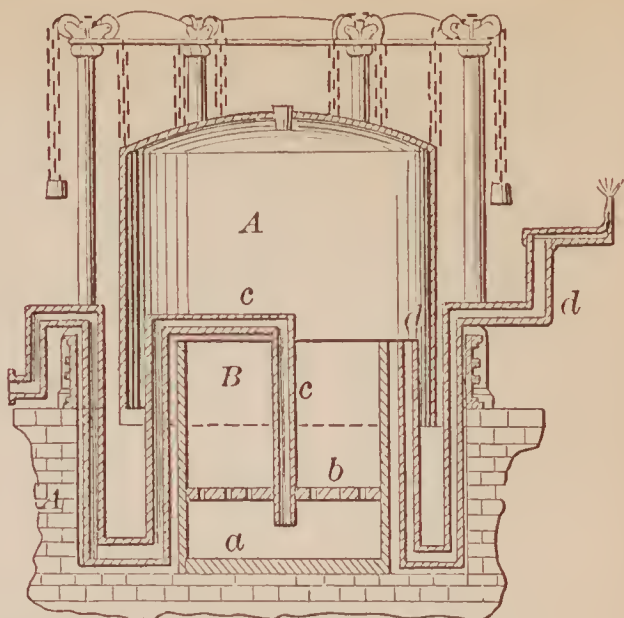
62361—D. R. Pratt—*Pin.*



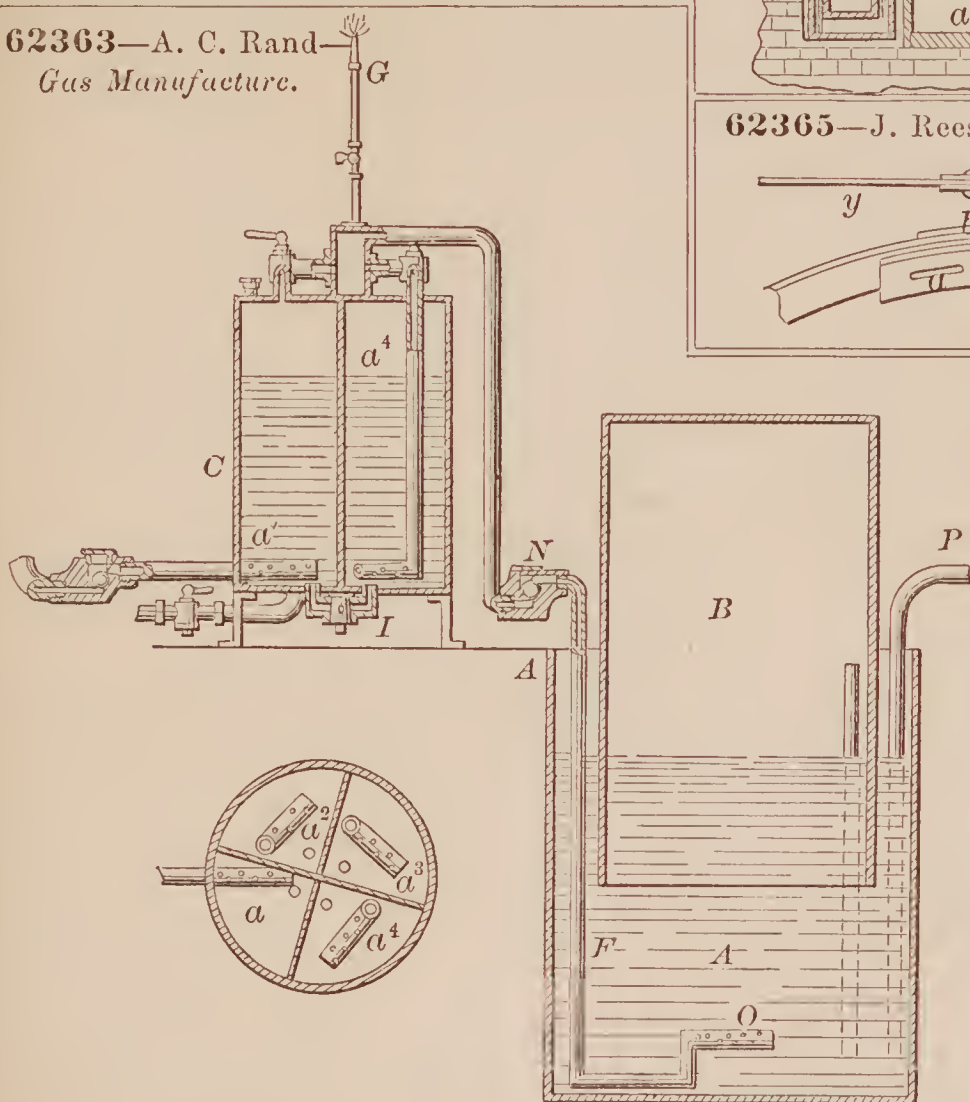
62362—A. C. Rand—Still.



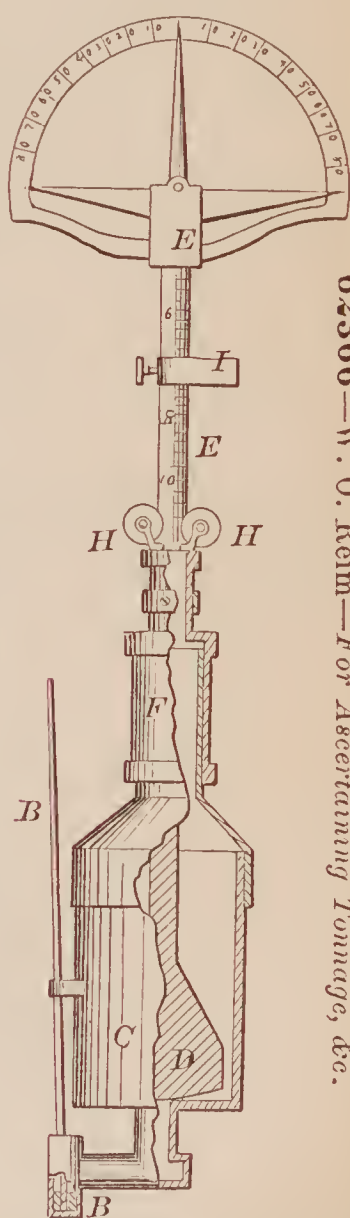
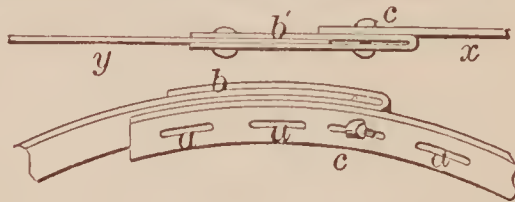
62364—A. C. Rand—For Carburetting Air.



62363—A. C. Rand—Gas Manufacture.

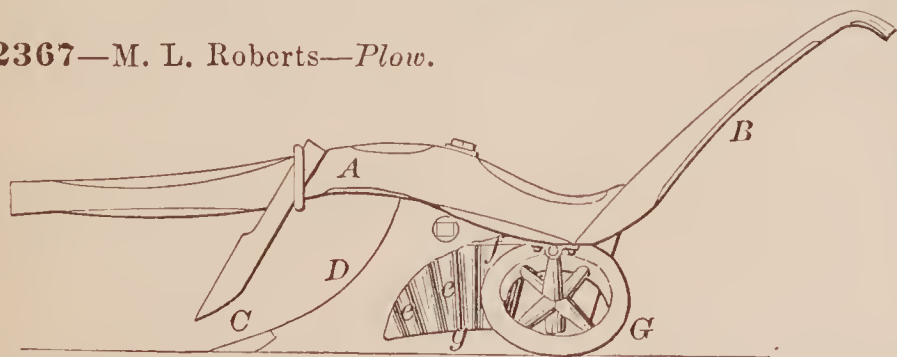


62365—J. Reese—Cotton Bale Tie.

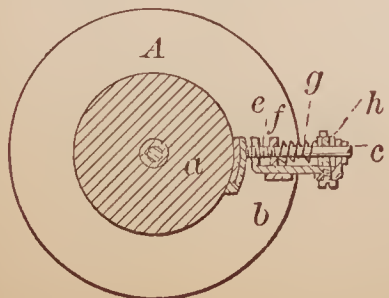


62366—W. O. Reim—For Ascertaining Tonnage, &c.

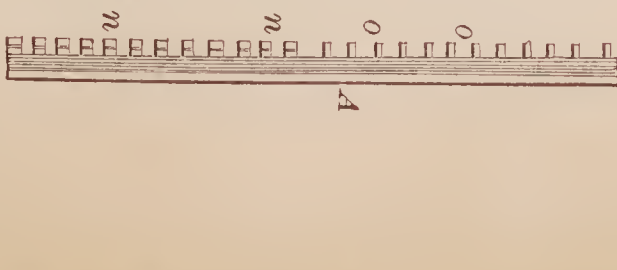
62367—M. L. Roberts—Plow.



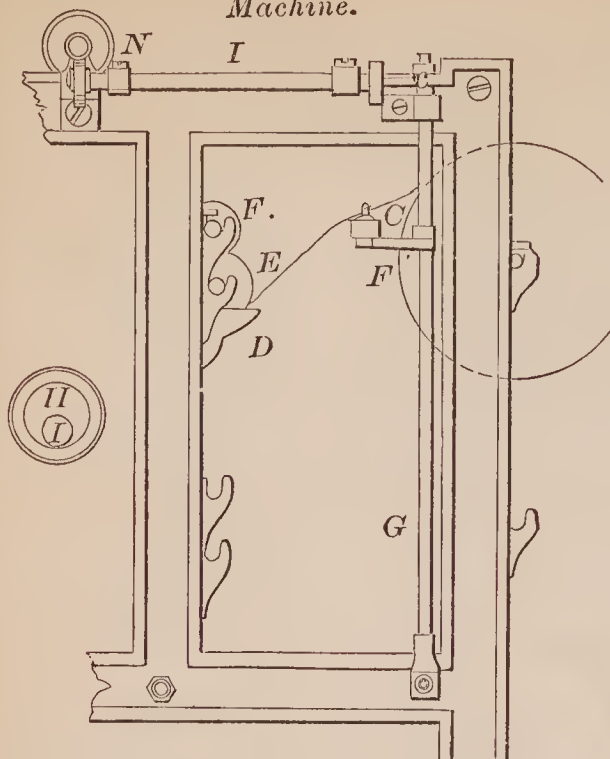
62369—B. Saunders—Warp Dresser.



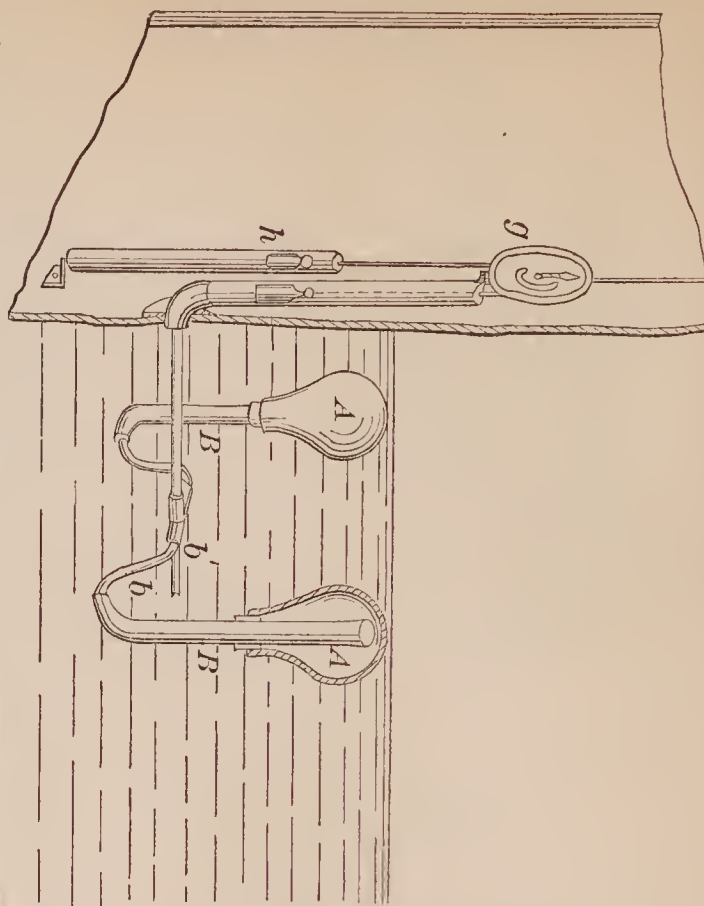
62368—I. A. Salmon—Dentist's Tool Rack.



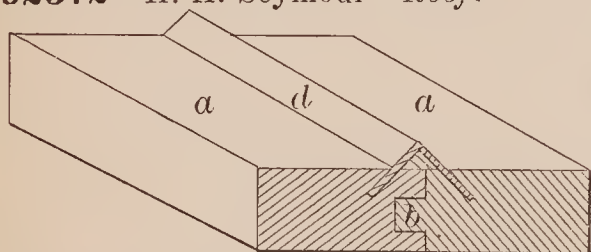
62370—B. Saunders—*Warp Dressing Machine.*



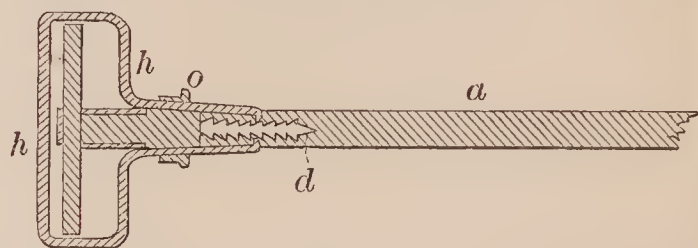
62371—R. Savage—*Thermo-Alarm Gauge.*



62372—H. A. Seymour—*Roof.*



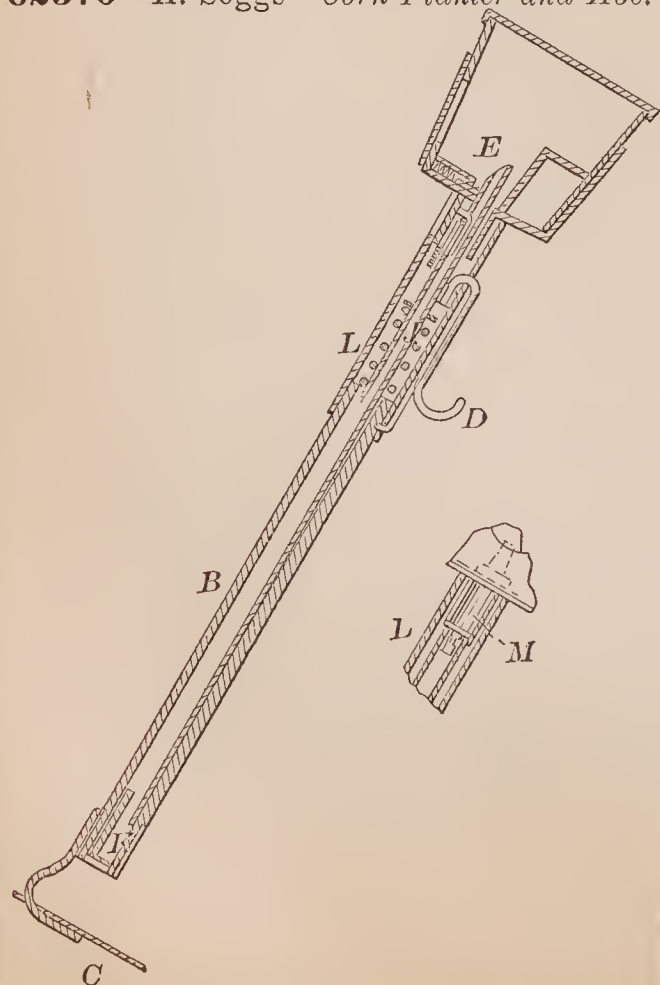
62373—J. W. Shaw—*Mop Head.*



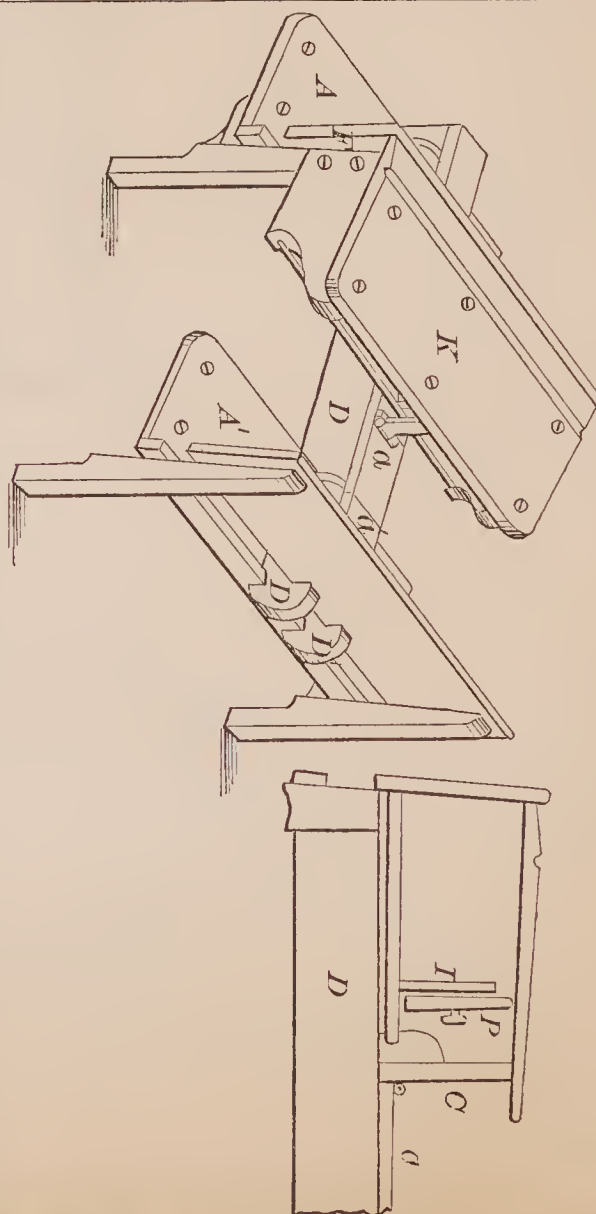
62374—W. Siefert—*Pinch Bar for Moving Heavy Weights.*



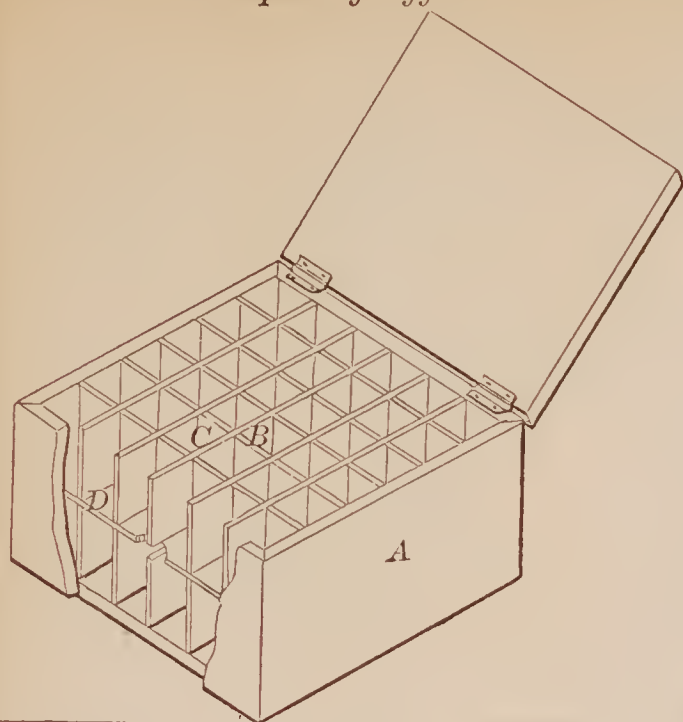
62376—H. Soggs—*Corn Planter and Hoe.*



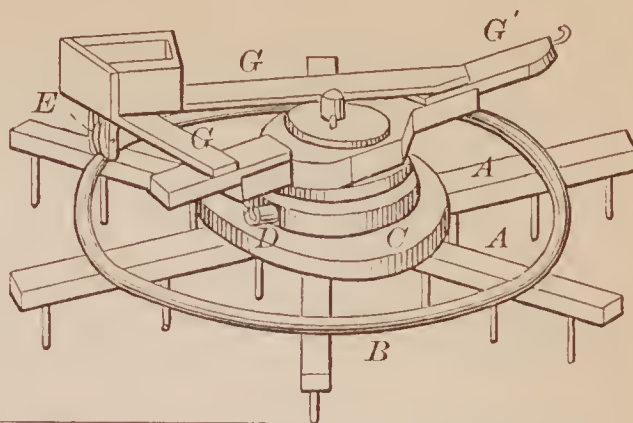
62375—J. Smith—*School Desk.*



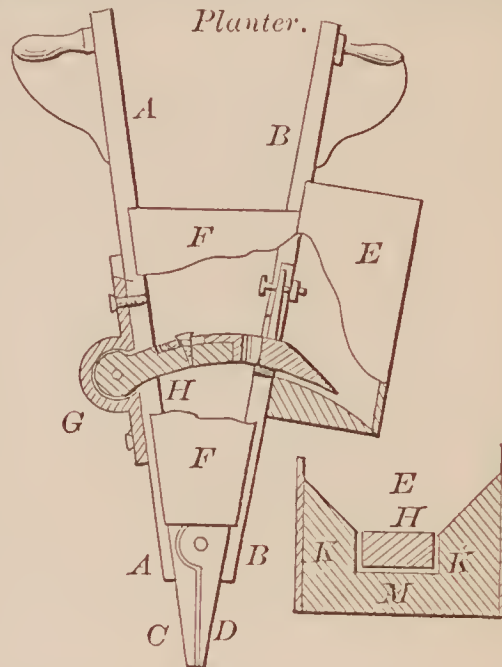
62378—J. L. & G. W. Stevens—*Case for Transporting Eggs.*



62379—H. C. Stoll—*Revolving Harrow.*



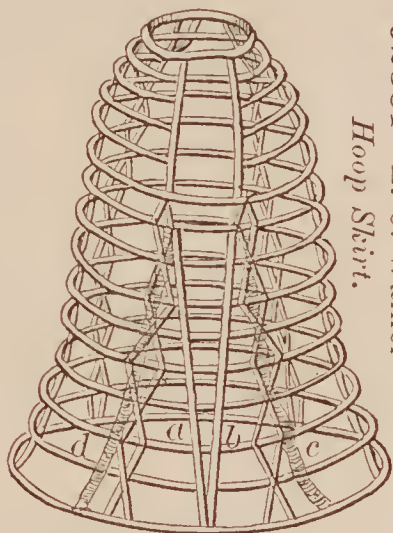
62380—J. P. V. Vleck—*Hand Corn Planter.*



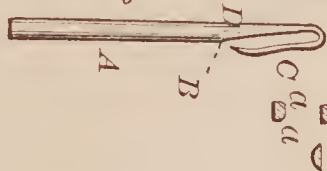
62383—H. Waterman—*Weather Strip.*



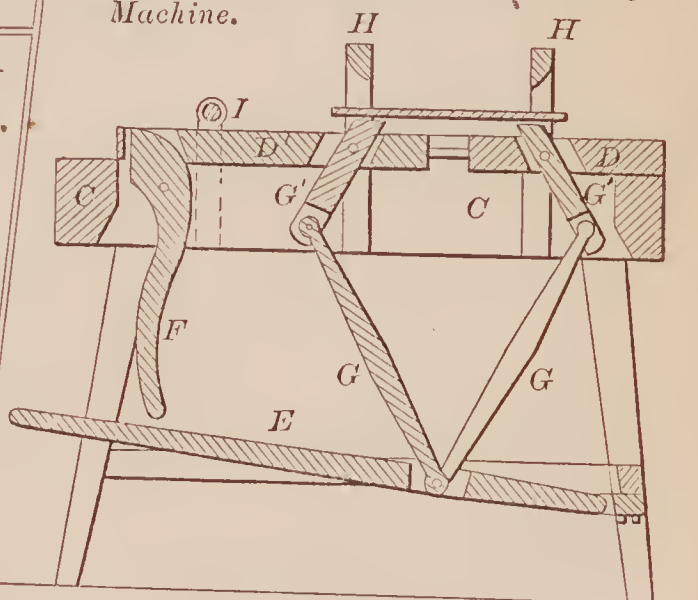
62381—E. C. Walker—*Hoop Skirt.*



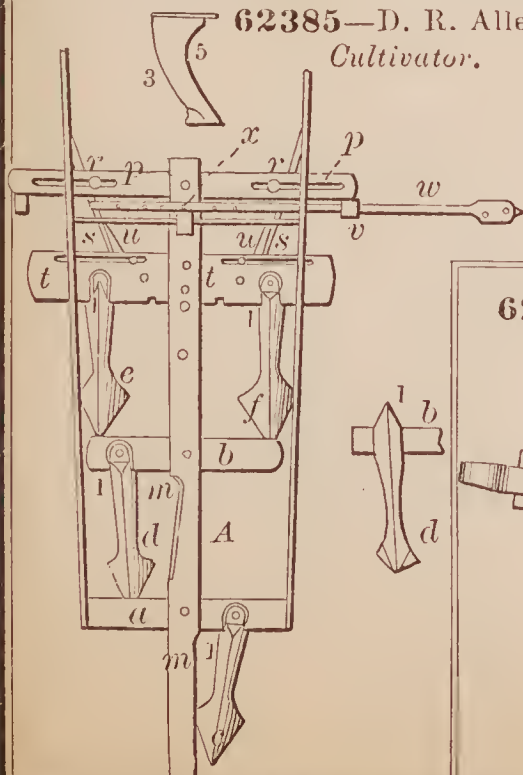
62382—C. P. S. Wardwell—*Knitting Machine Needle.*



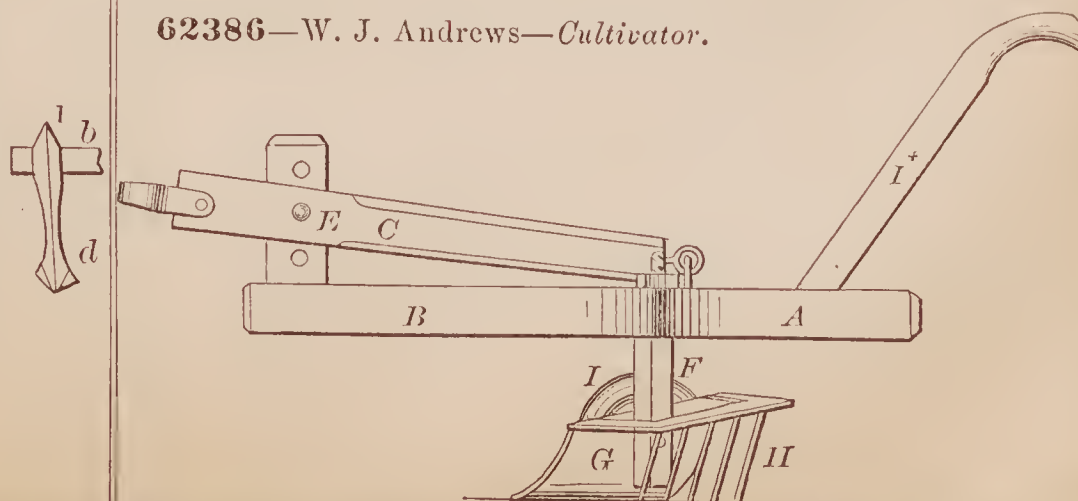
62384—A. E. Wing—*Tire Shrinking Machine.*



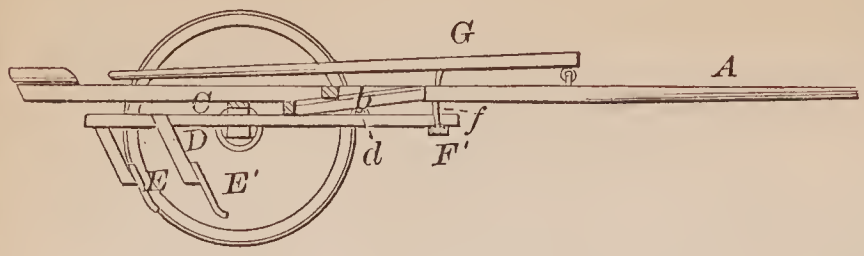
62385—D. R. Allen—*Cultivator.*



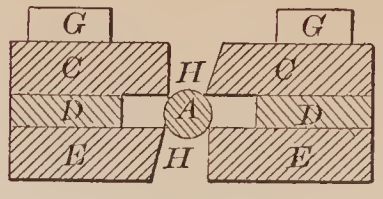
62386—W. J. Andrews—*Cultivator.*



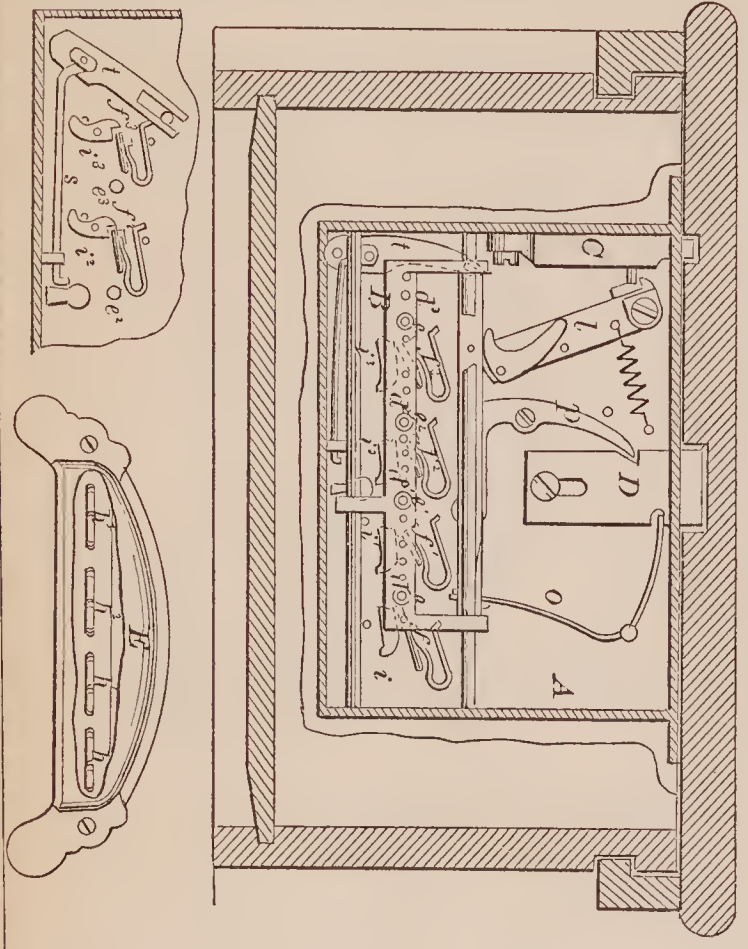
62387—O. J. Arnold—Cultivator.



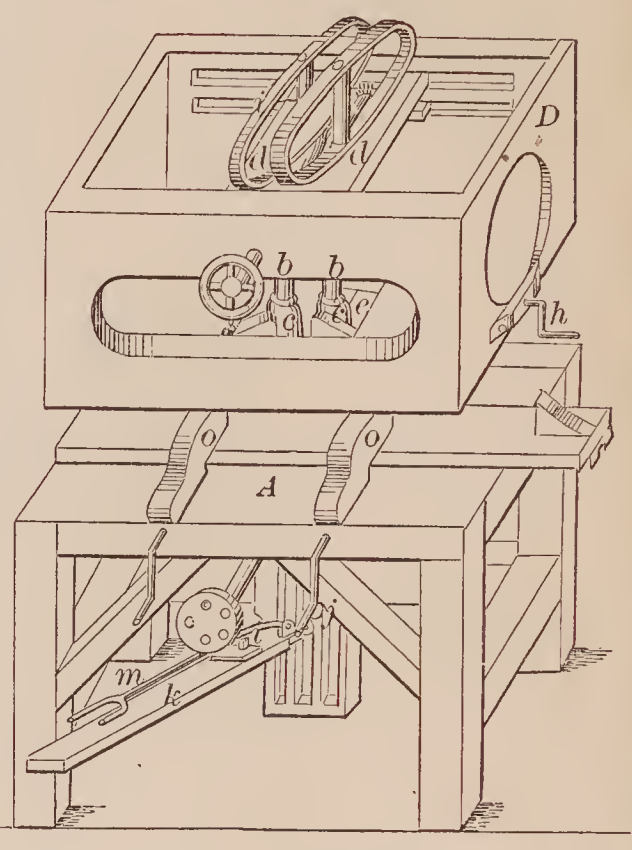
62390—L. Burns—For Turning Bolts.



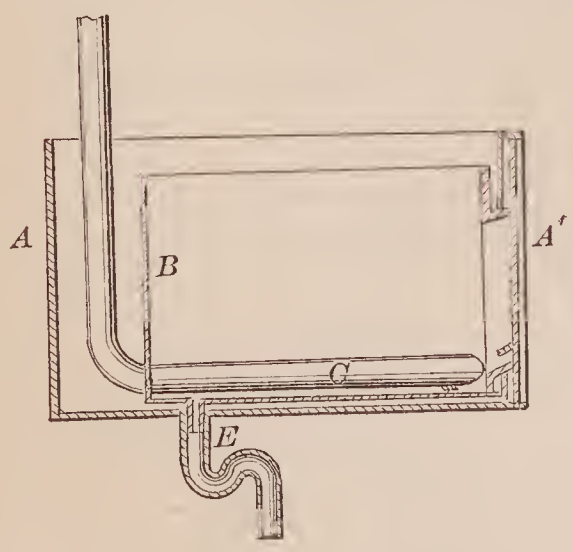
62388—E. A. Barrows—Permutation Lock.



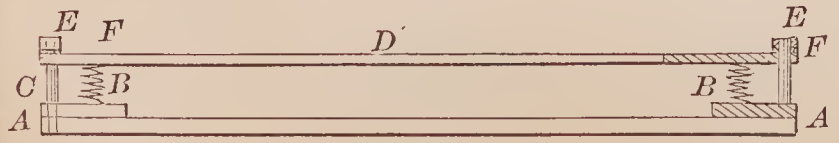
62394—J. G. Clifton—Mortising Machine.



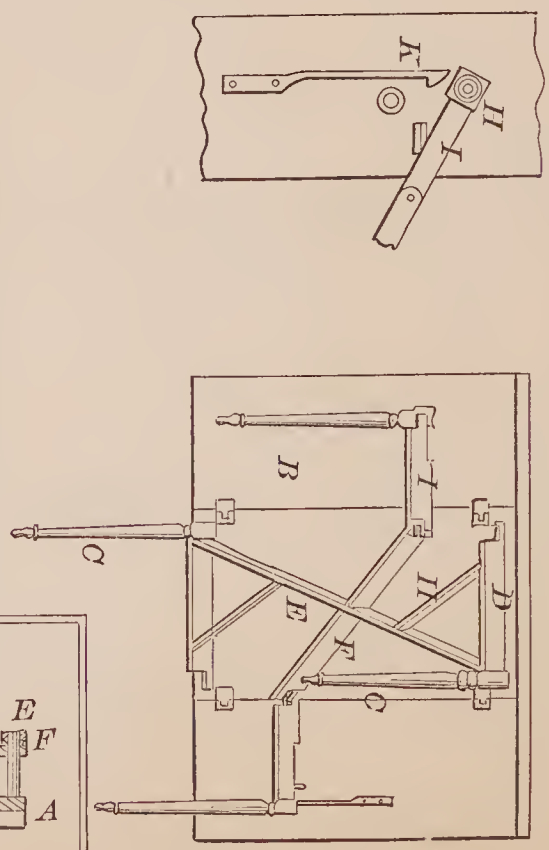
62392—J. W. Campbell—Ice Box.



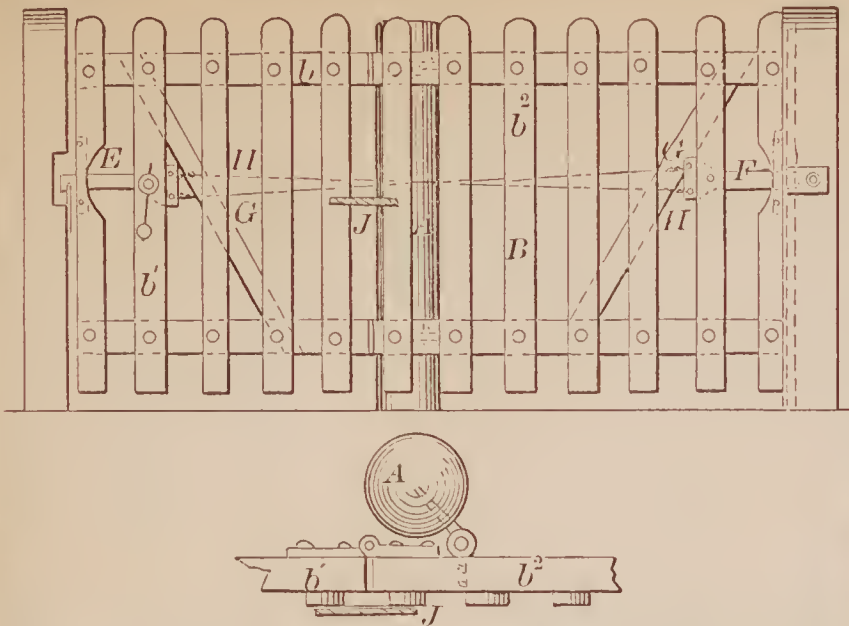
62395—H. A. Coats—Bed Bottom.



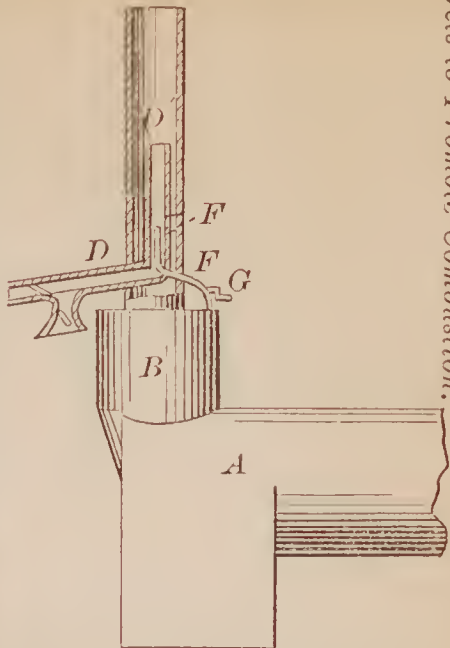
62391—J. H. Bush—Folding Table.



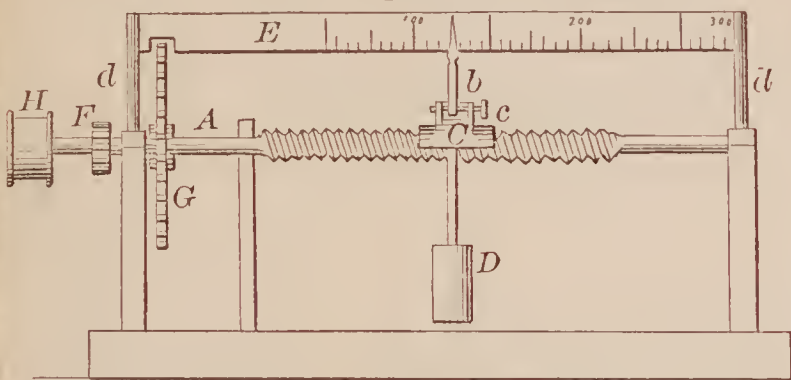
62396—R. Conway—Gate.



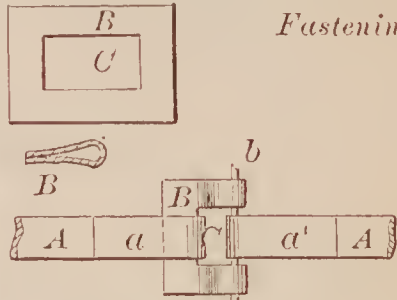
62397—G. M. Copeland—Air and Steam Jets to Promote Combustion.



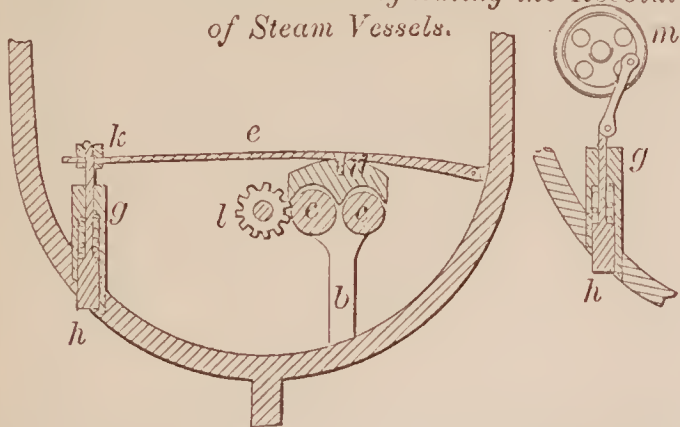
62398—C. Couse—Rope Machine Indicator.



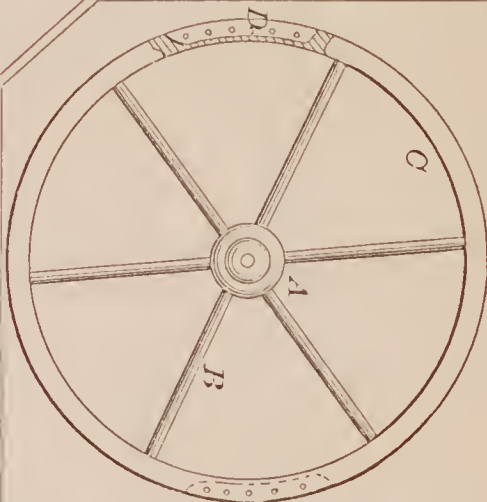
62400—R. Dillon—Bale Hoop Fastening.



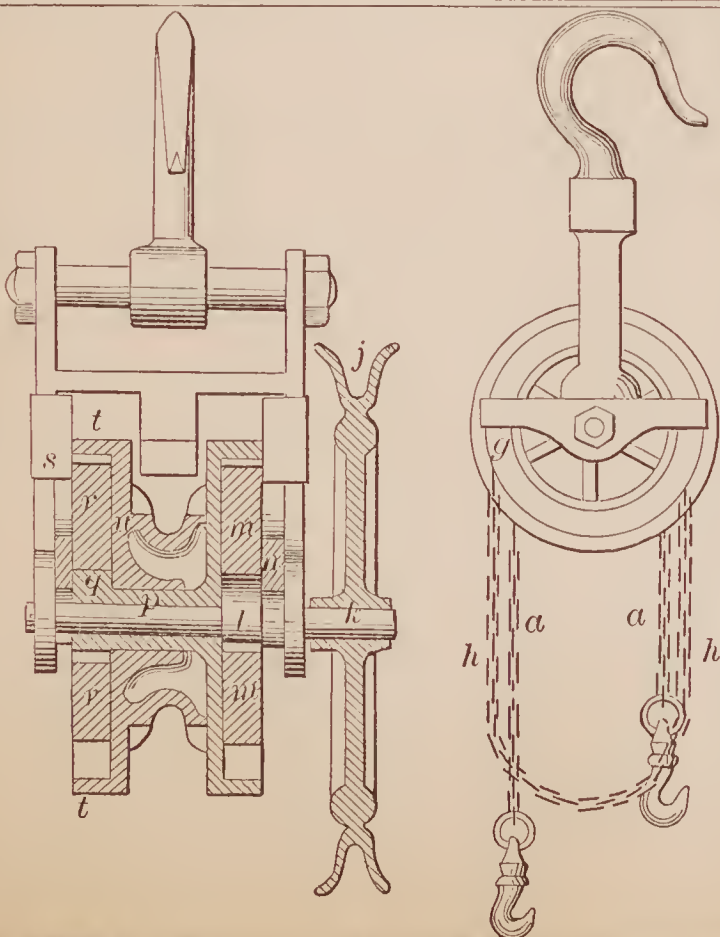
62399—H. Dale—For Regulating the Revolution of Steam Vessels.



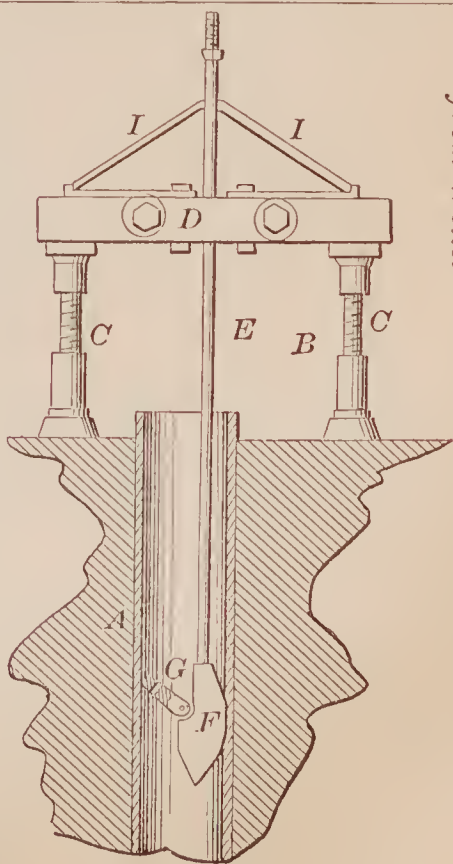
62402—C. F. Elliott—Vehicle Wheel.



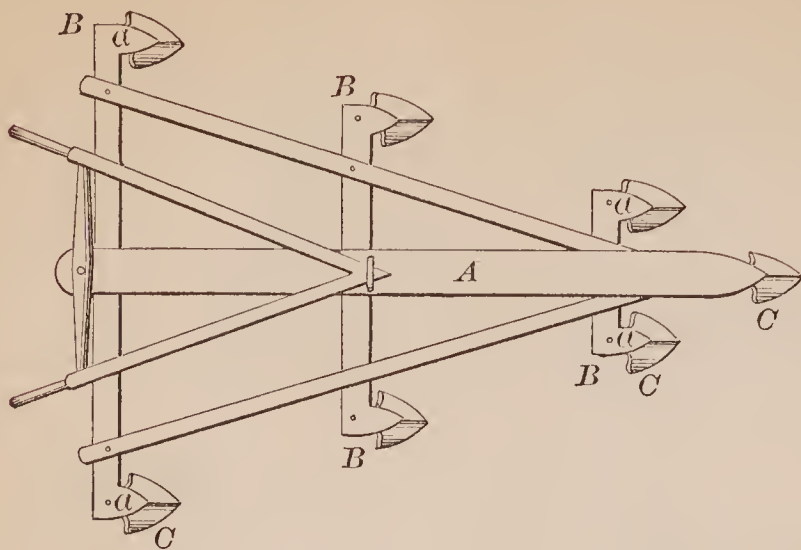
62401—W. & W. T. Eades—For Raising Weights.



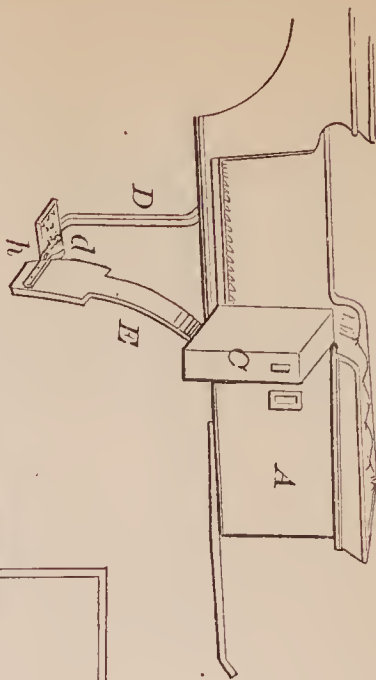
62404—Gile & Cochran—For Drawing Well Tubes from Wells.



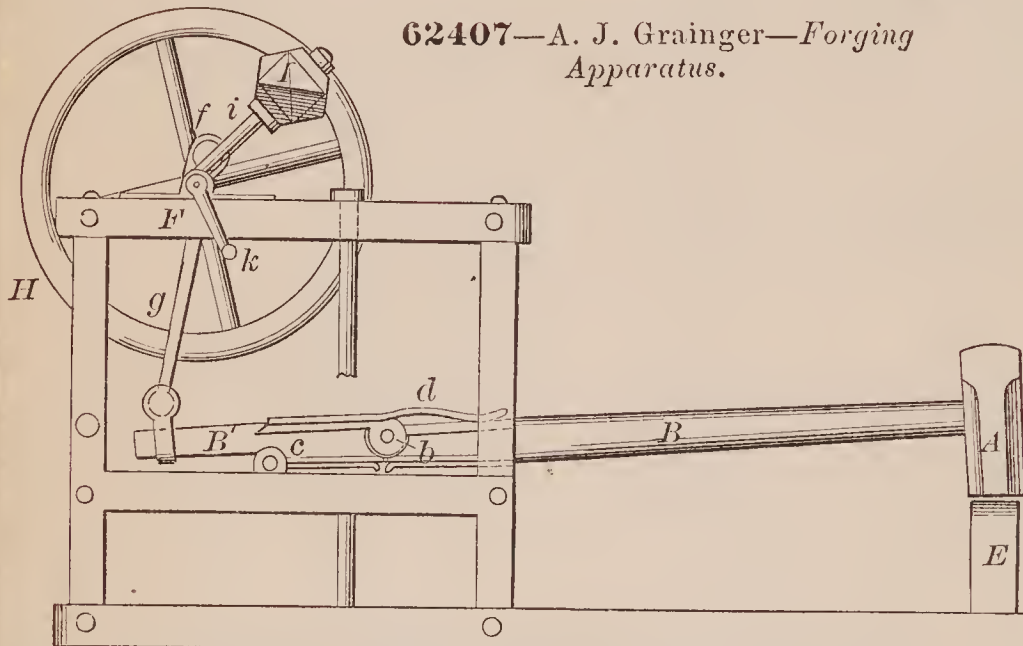
62405—J. Gilpatric—Cultivator.



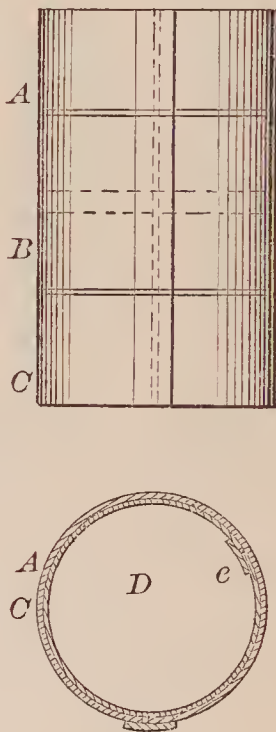
62406—J. W. Gosling—Carriage Step Cover.



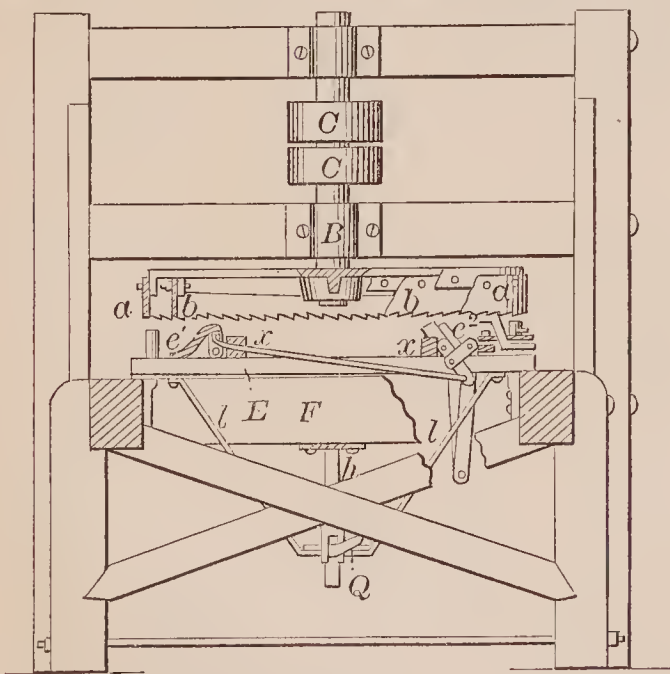
62407—A. J. Grainger—Forging Apparatus.



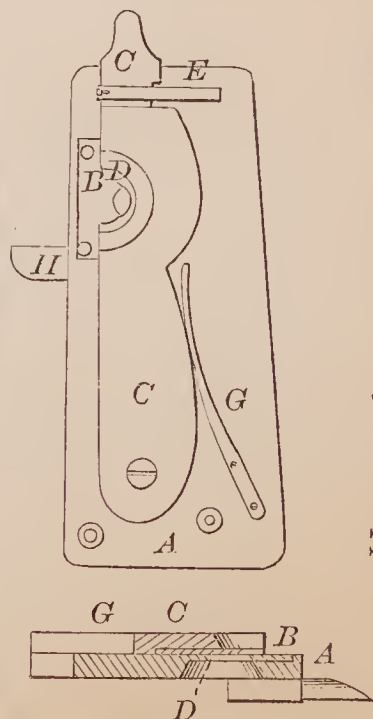
62410—W. B. Guernsey—Butter Box.



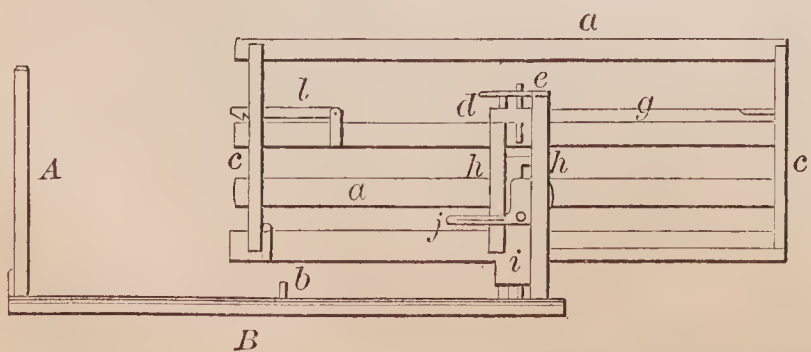
62408—N. W. Graves—For Sawing Wagon Felloes.



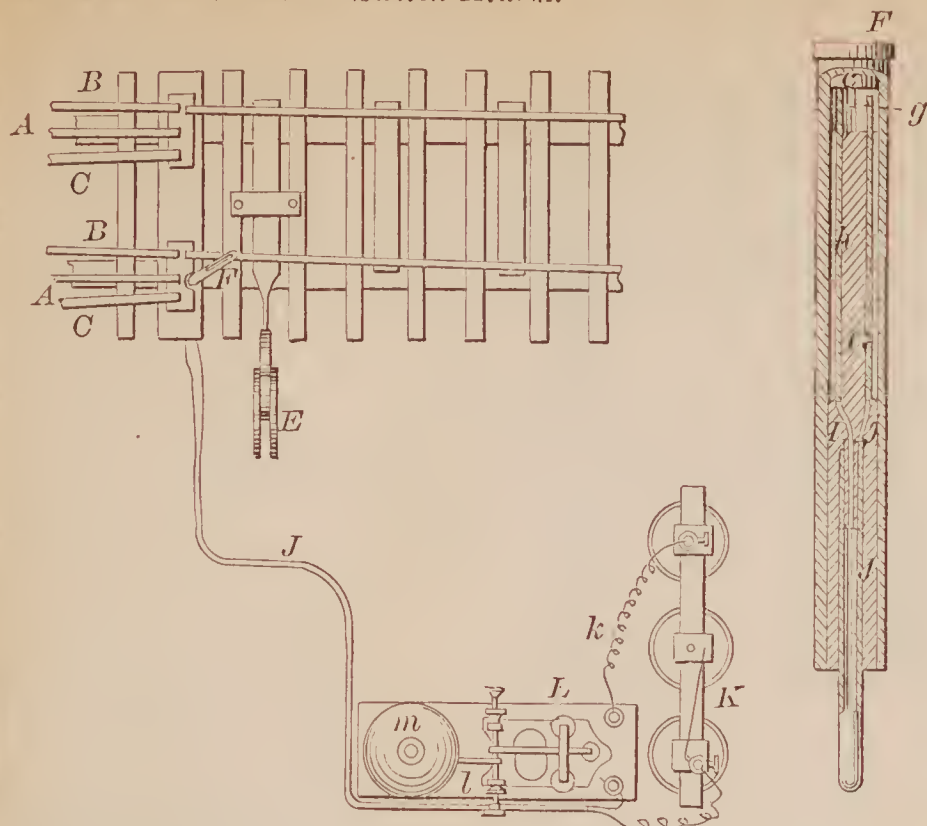
62413—C. P. Hale—Sorghum Stripper.



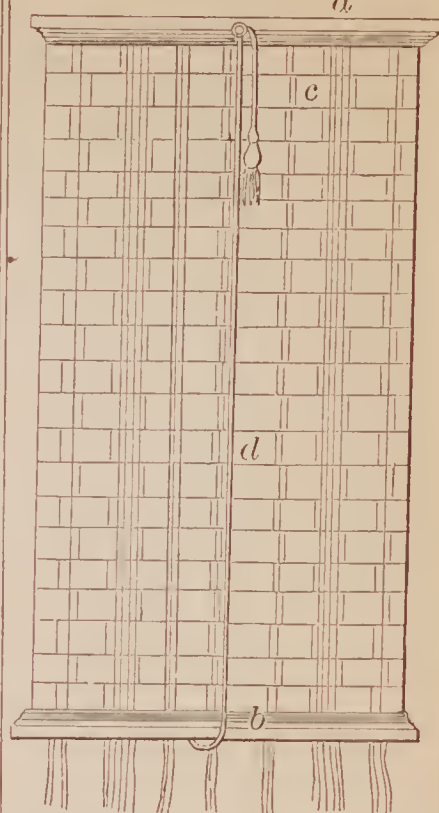
62412—D. Hague—Gate.



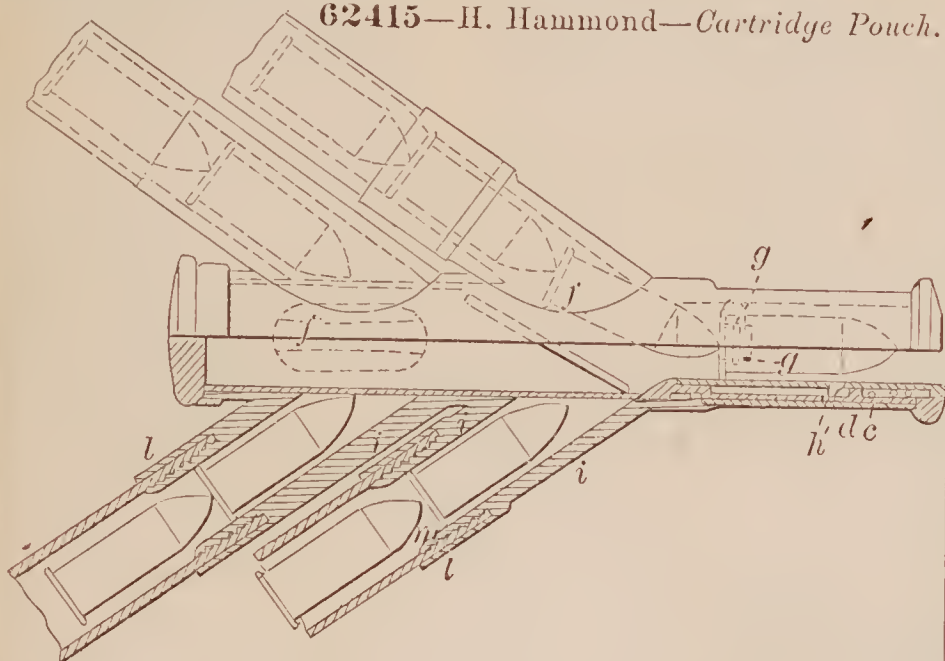
62414—T. S. Hall—*Switch Alarm.*



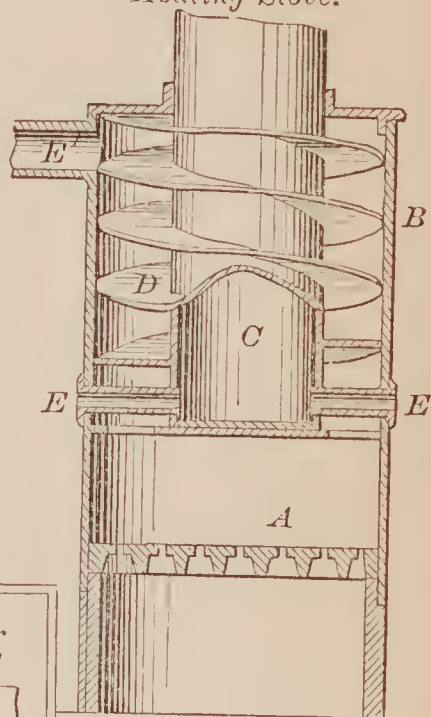
62417—G. Hasecoeter—*Window Shade.*



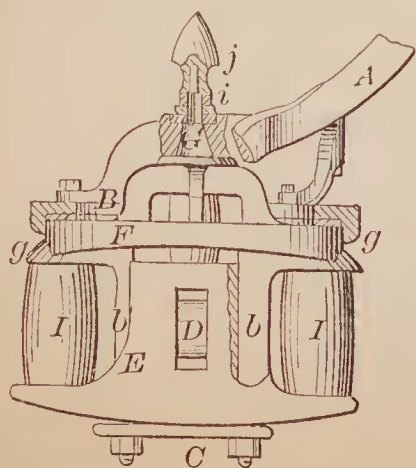
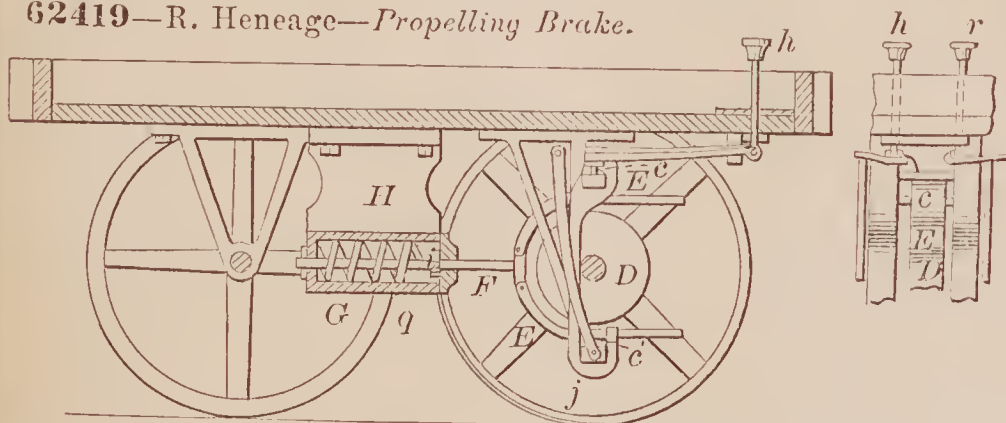
62415—H. Hammond—*Cartridge Pouch.*



62416—D. J. Happersett—*Heating Stove.*

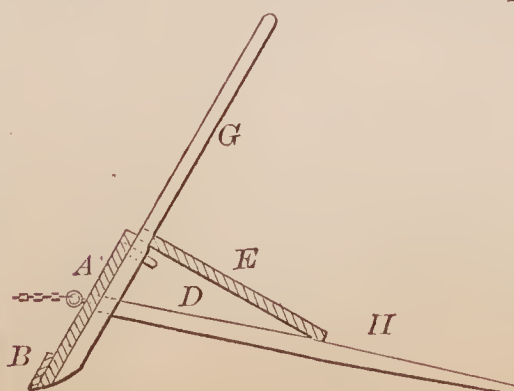


62419—R. Heneage—*Propelling Brake.*

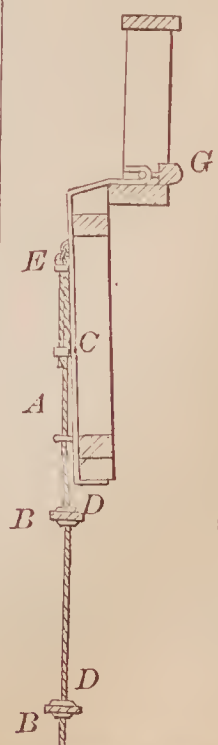


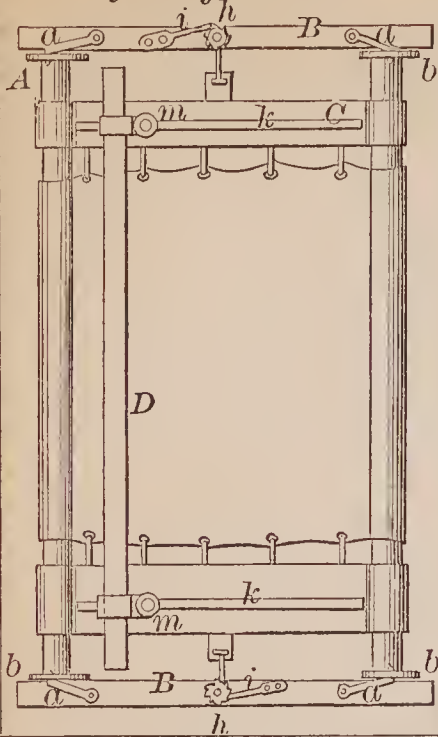
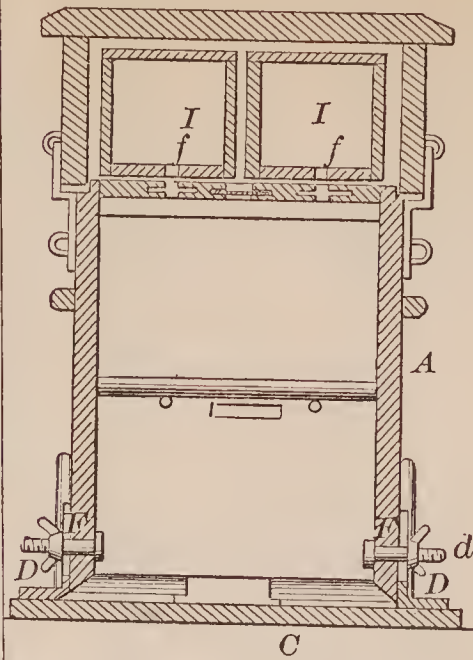
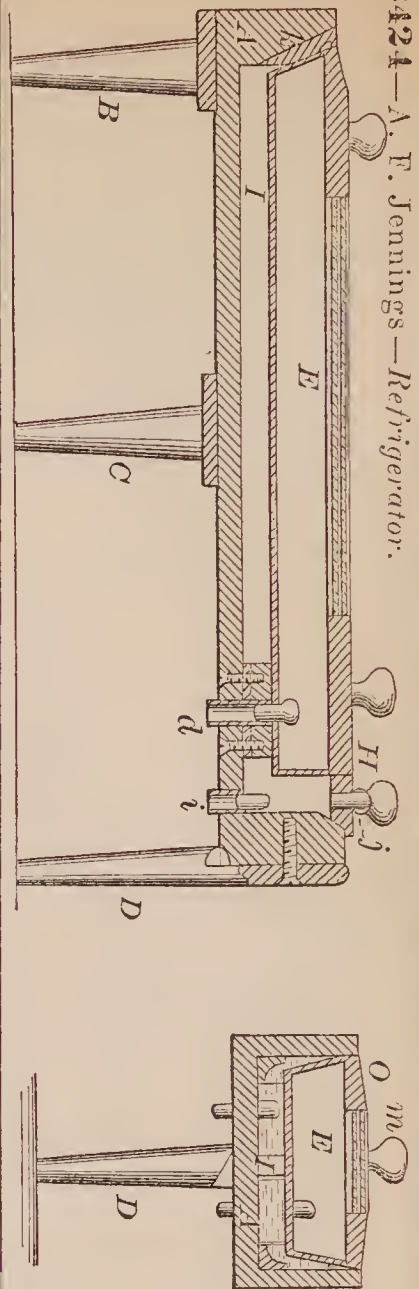
62420—A. E. Hovey—*Truck.*

62421—O. Hopkins—*Road Scraper.*

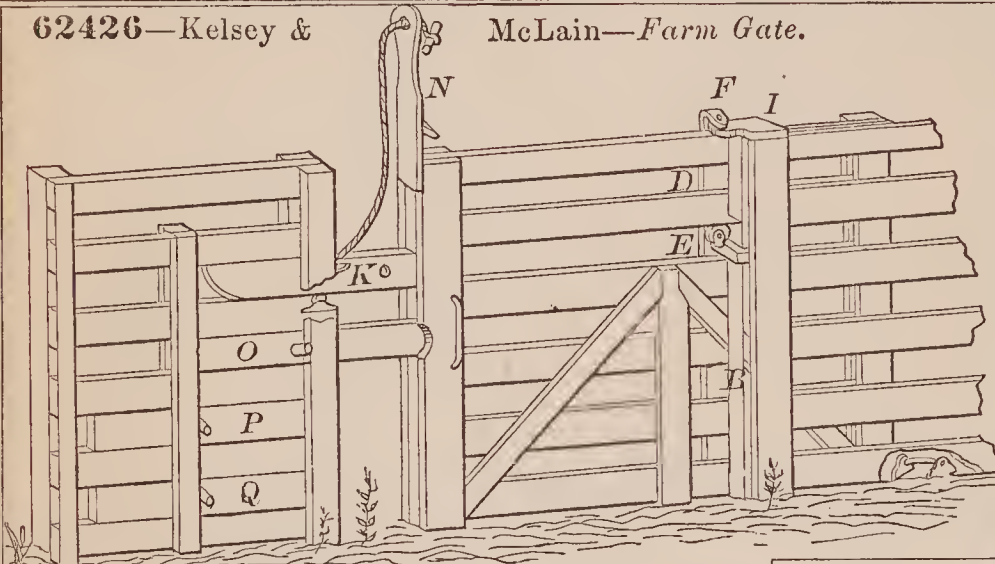
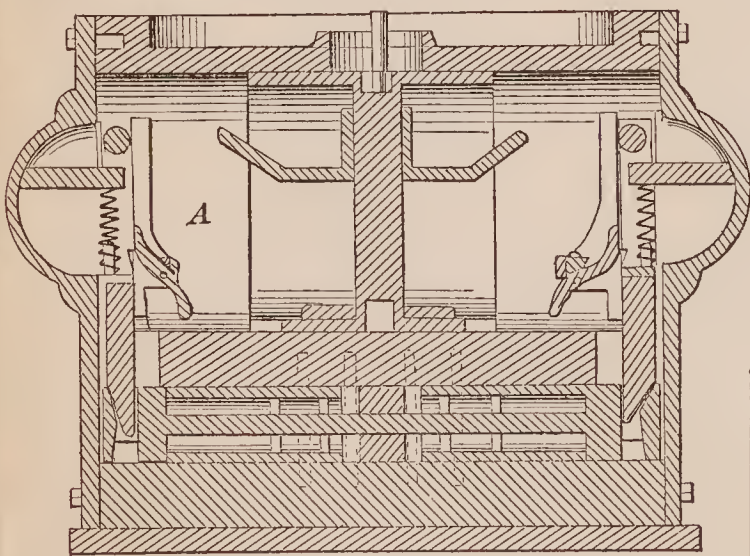
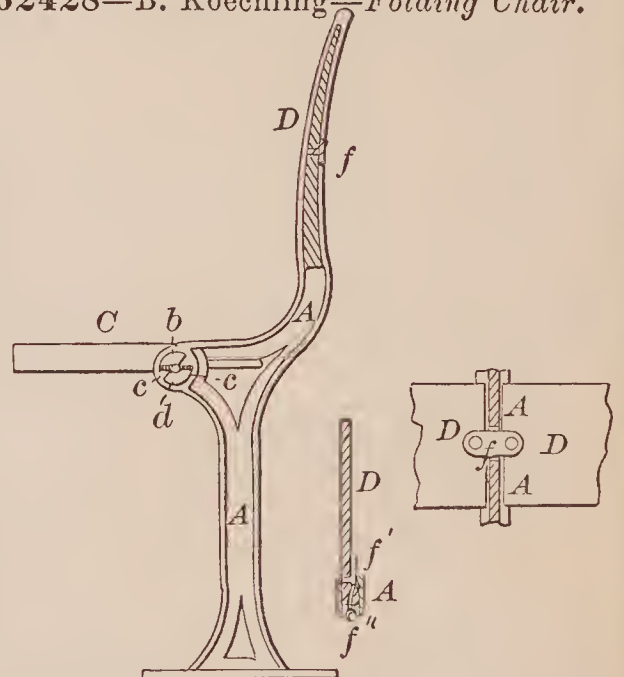
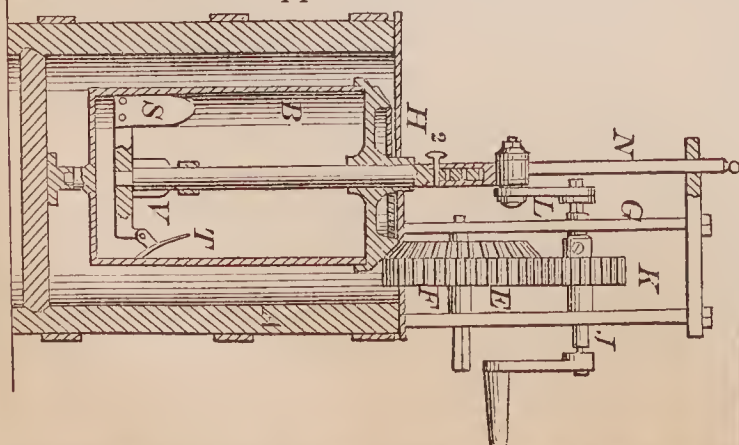
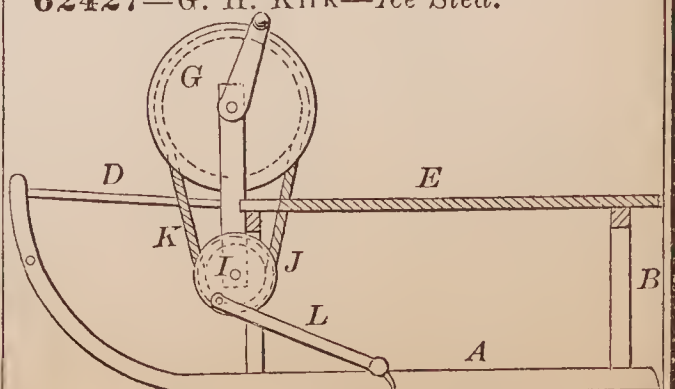


62418—I. Henderson—*Fire Escape Ladder.*

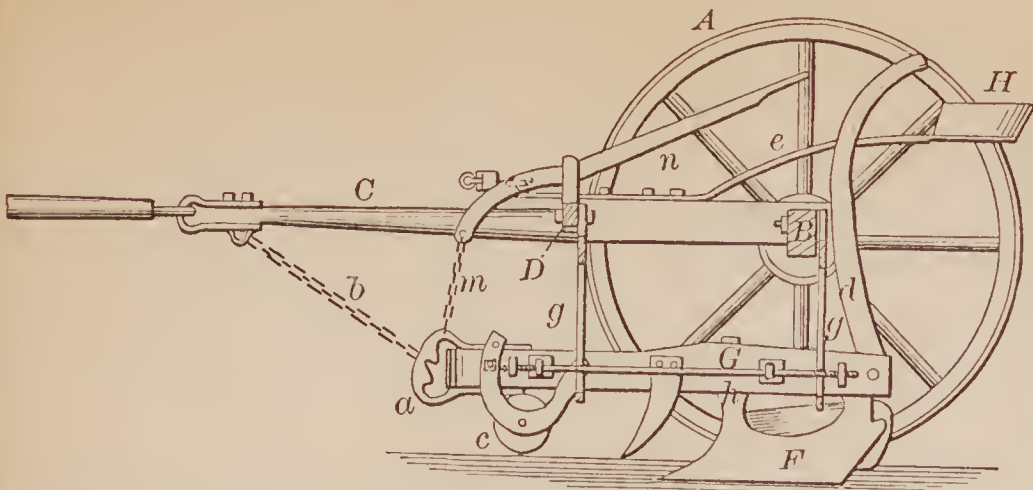


62422—W. R. Idle—*Quilting Frame.*62425—H. C. Keith—*Beehive.*62424—A. F. Jennings—*Refrigerator.*

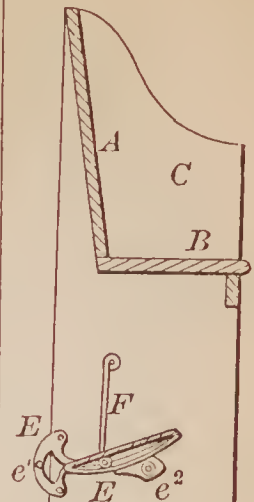
62426—Kelsey &

McLain—*Farm Gate.*62423—L. P. Jenks—*Water Meter.*62428—B. Koechling—*Folding Chair.*62429—L. A. Lipp—*Ice Cream Freezer.*62427—G. H. Kirk—*Ice Sled.*

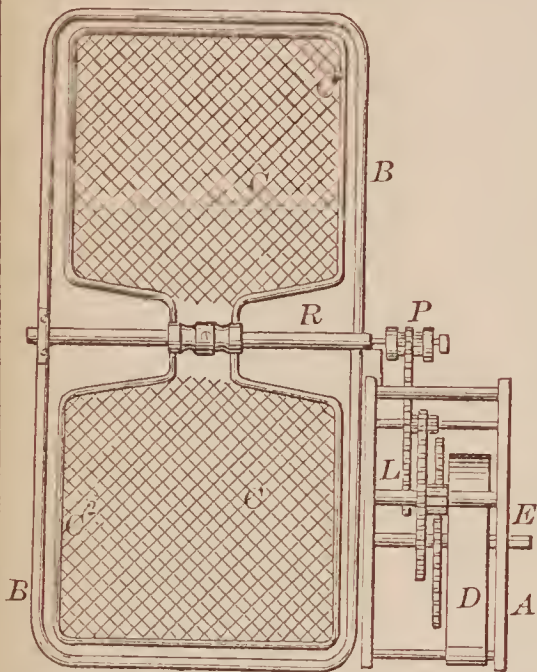
62430—C. H. Littlefield—*Sulky Plow.*



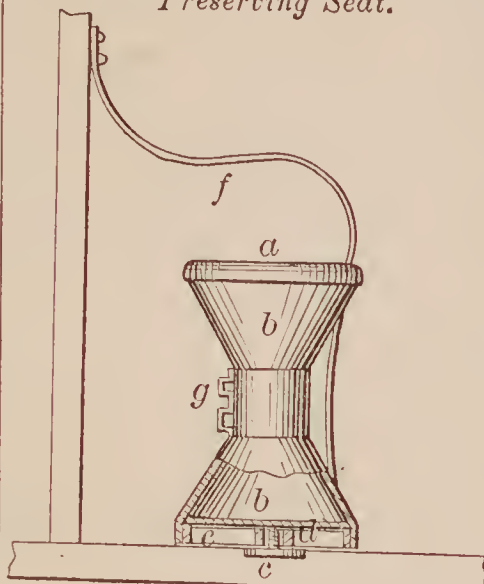
62434—H. Morrison—*Kneeling Board.*



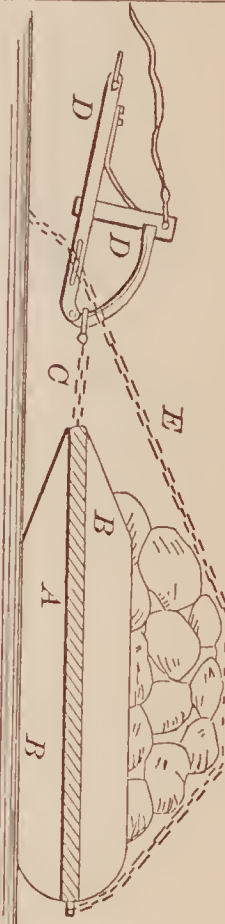
62431—J. A. W. Lundborg—*Automatic Fan.*



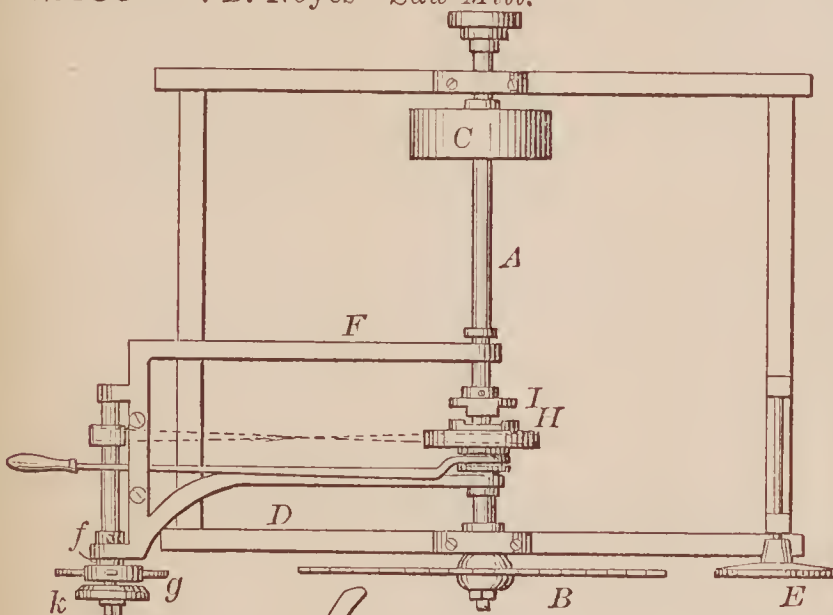
62433—H. Matthews—*Life Preserving Seat.*



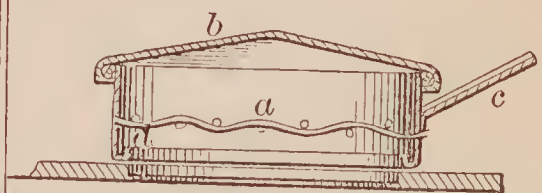
62435—J. H. Nonamaker—*Reversible Dumping Sled.*



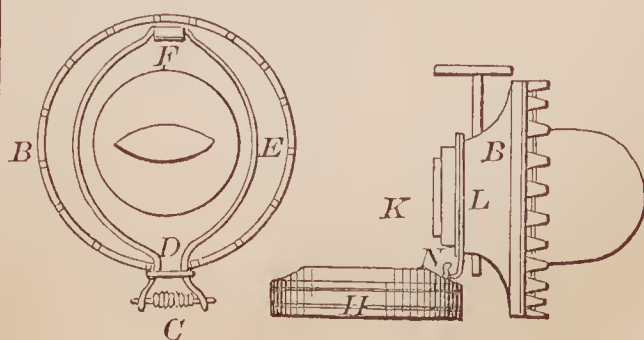
62436—W. B. Noyes—*Saw Mill.*



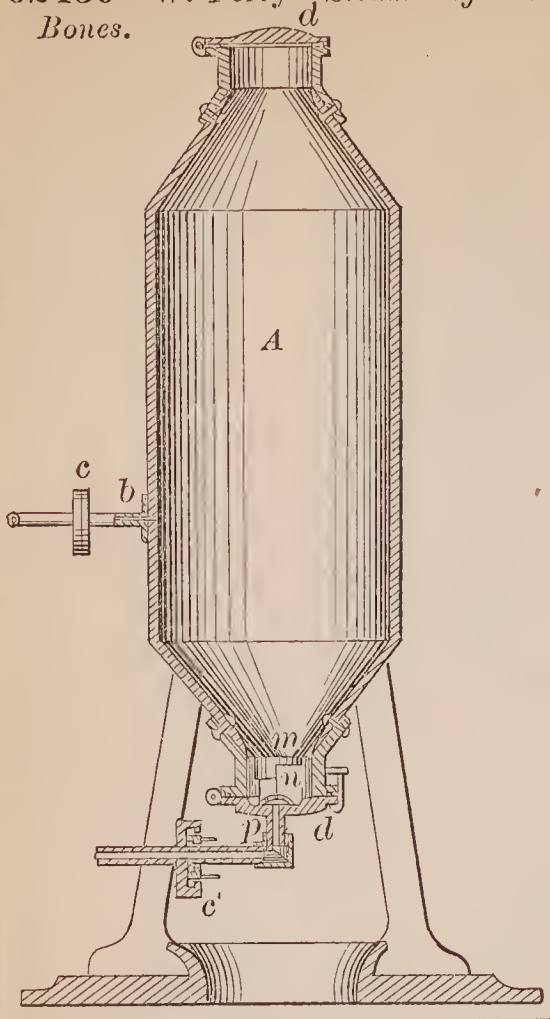
62437—J. T. Page—*Gridiron.*



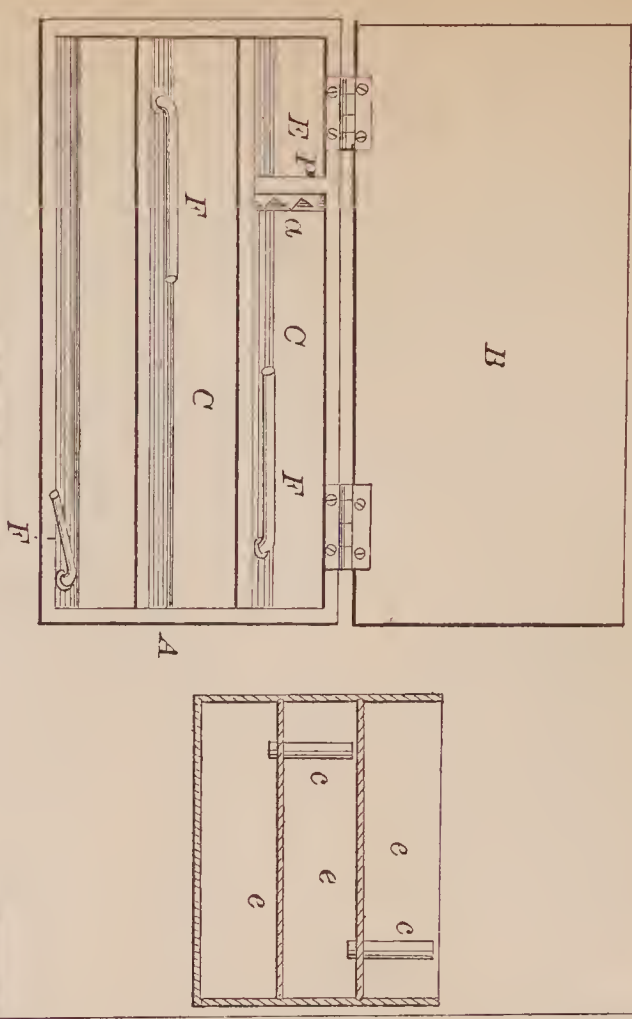
62438—A. Parsons—*Lamp Burner.*



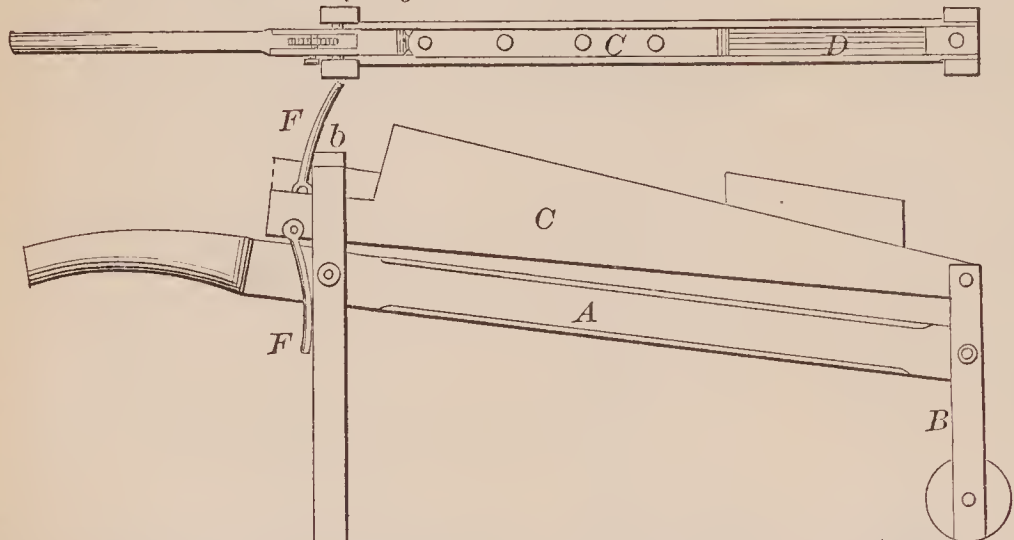
62439—W. Perry—*Steam Digester for Bones.*



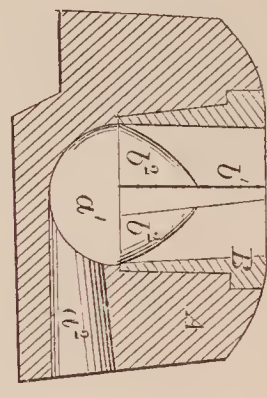
62440—E. Porter—*Sugar and Syrup Manufacture.*



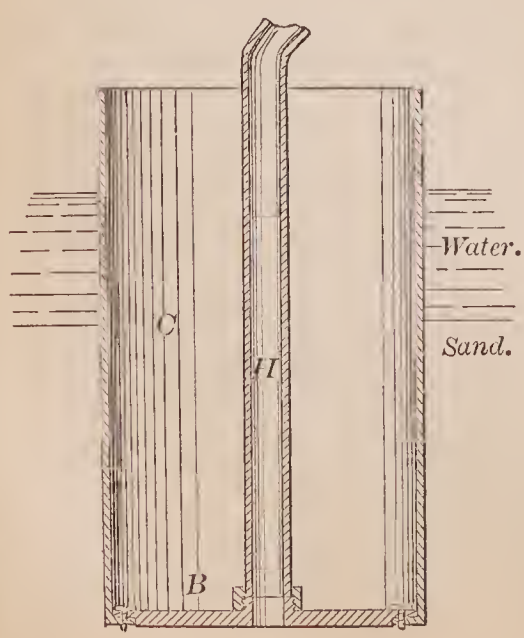
62442—G. Race—*Lifting Jack.*



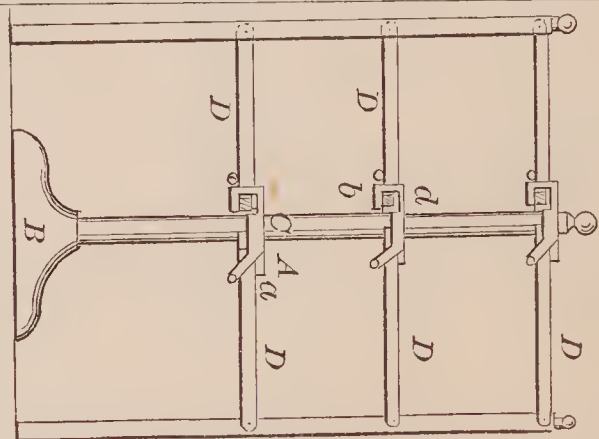
62441—M. Powe—*Tugere.*



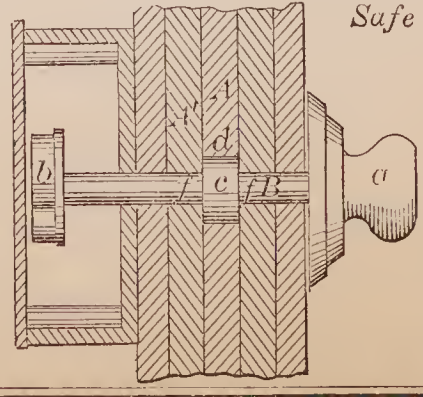
62444—C. H. Sanborn—*Coffer Dam.*



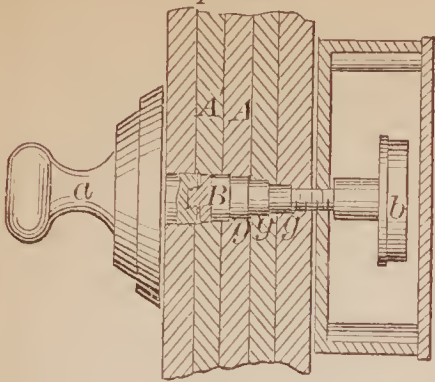
62443—C. B. Rogers—*Clothes Dryer.*



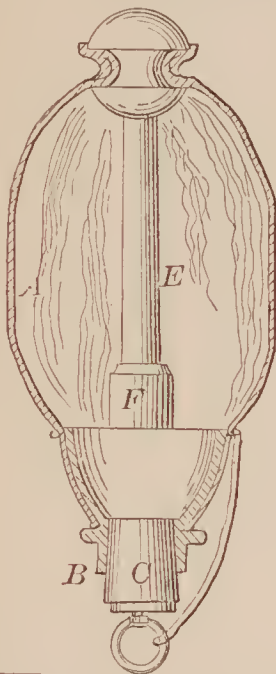
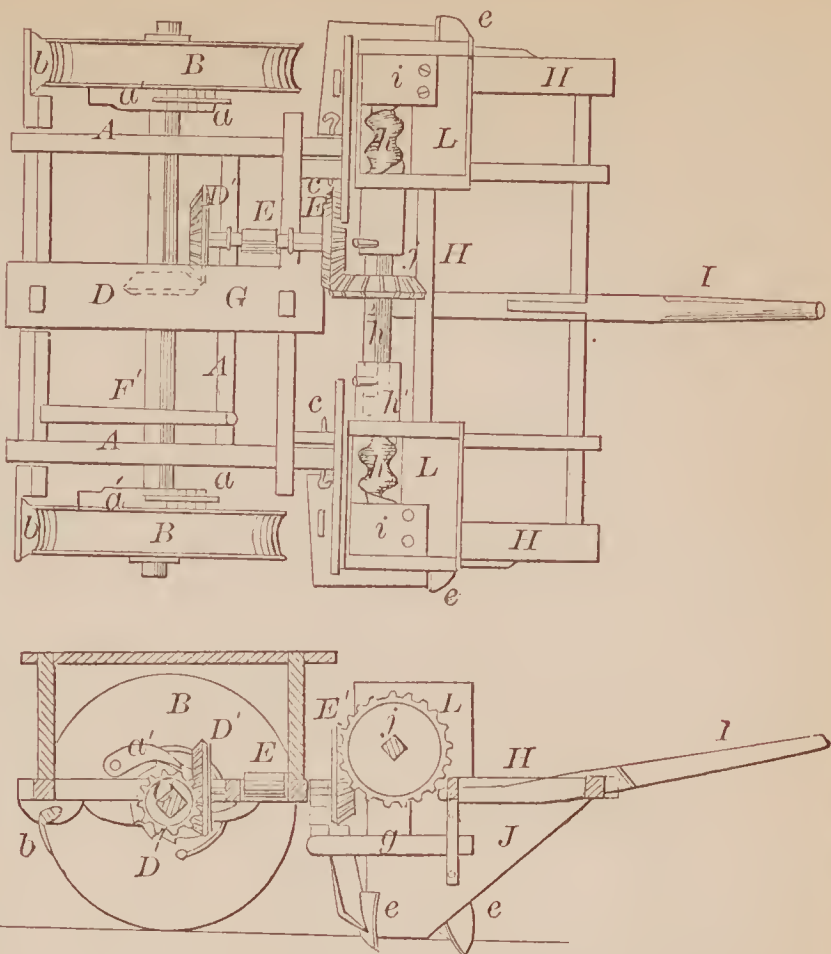
62445—J. Sargent—*Securing Lock Spindles in Safe Doors, &c.*



62446—J. Sargent—*Safe Lock Spindle.*

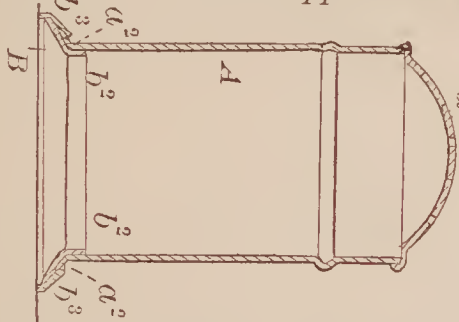


62447—J. P. Selsor—*Cotton Planter.*

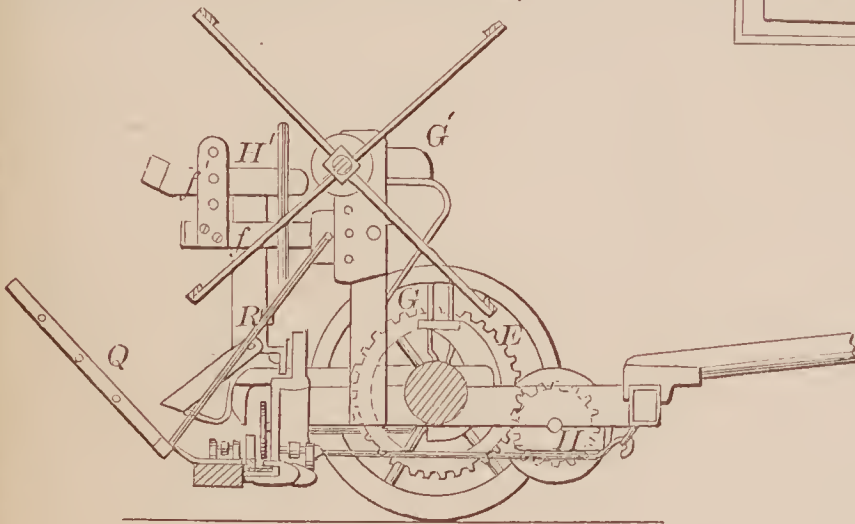


62448—W. S. Sims—*Tobacco Pouch.*

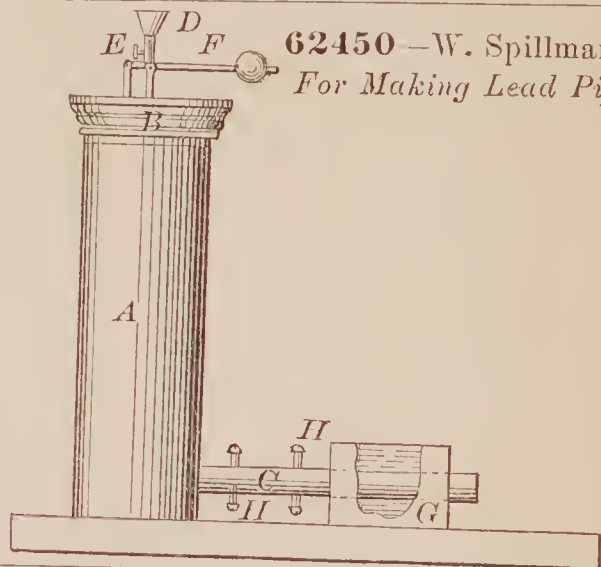
62451—J. H. Stone—*Pepper Box Manufacture.*



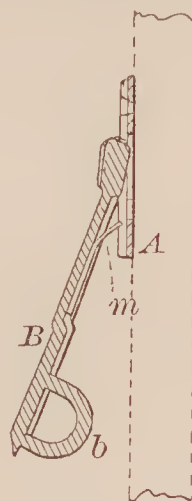
62452—J. M. Swaim—*Harvester.*



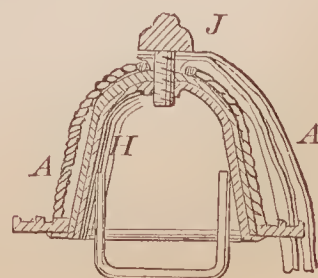
62450—W. Spillman—*For Making Lead Pipe.*

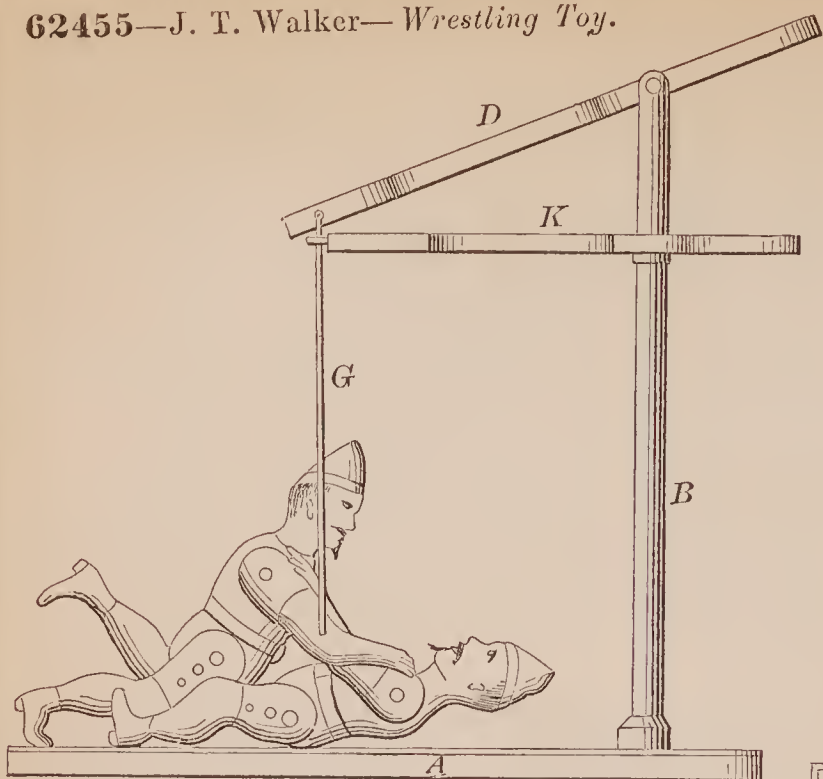
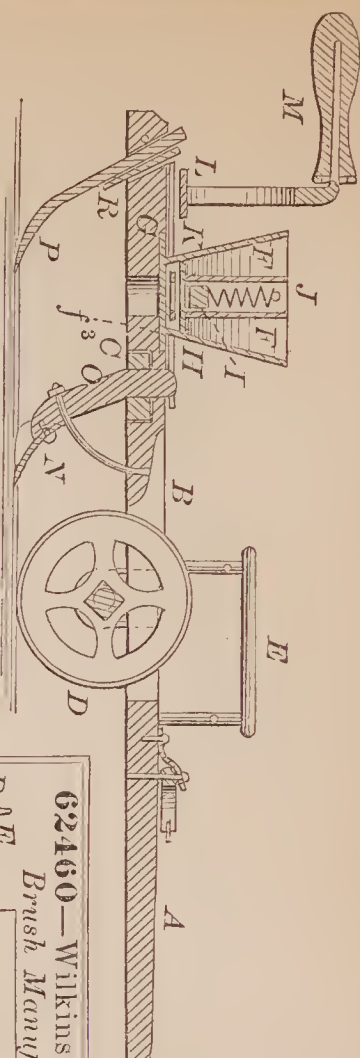
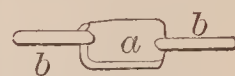
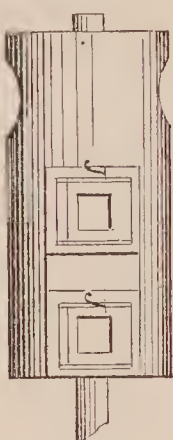
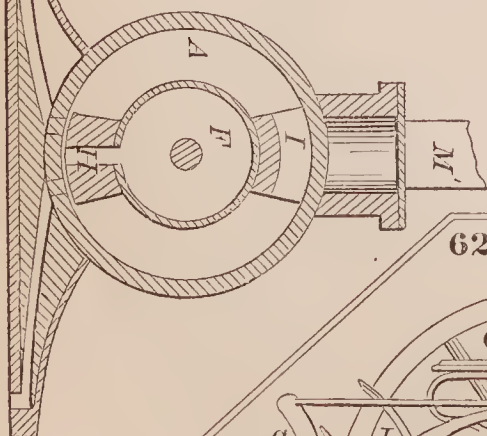
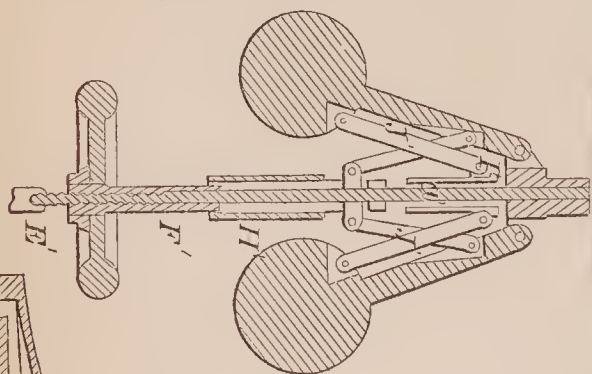
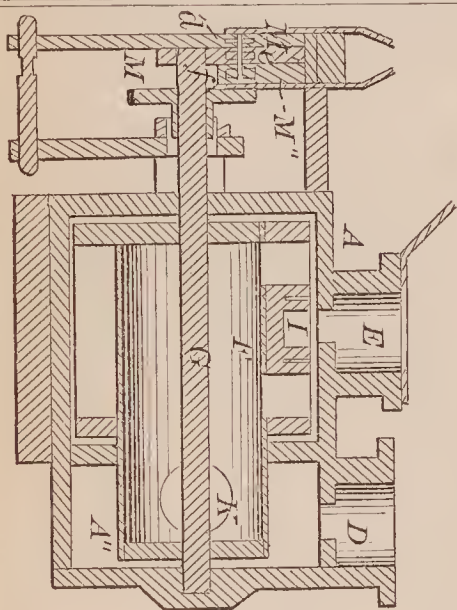
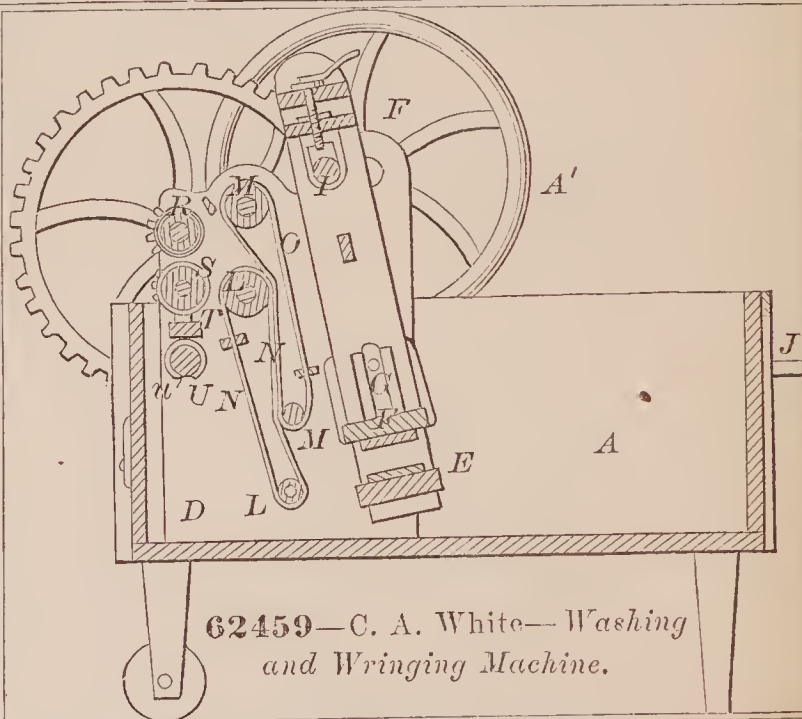
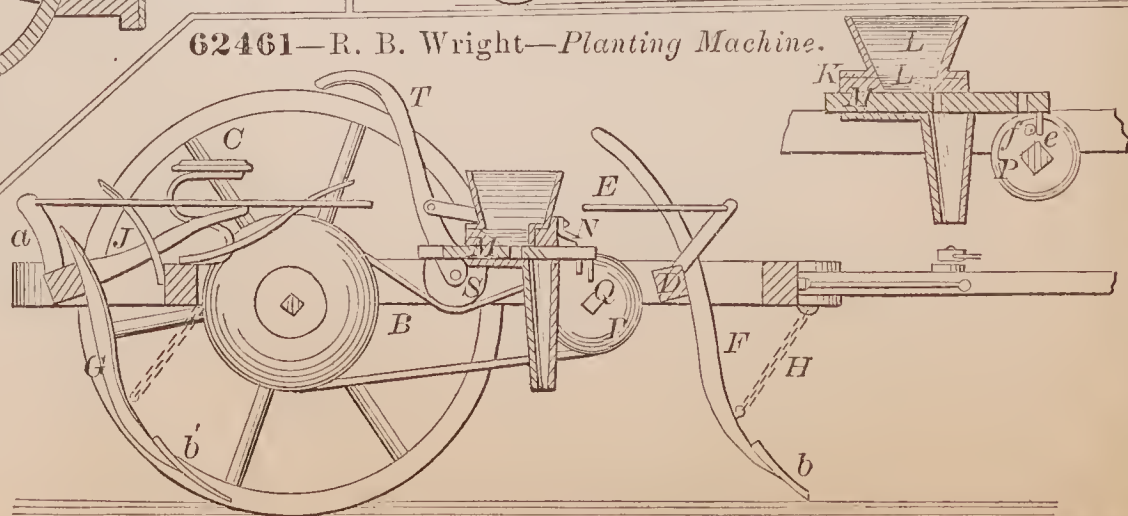


62453—L. Vitting—*Lock Hasp.*

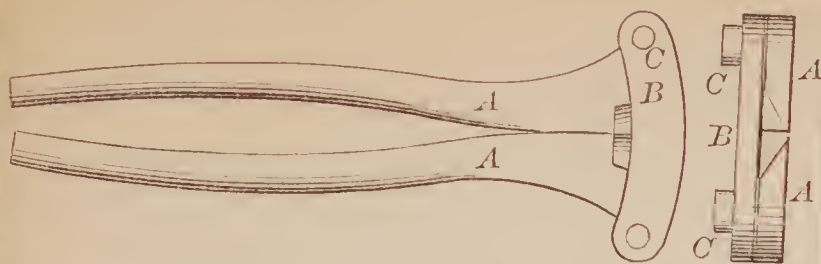


62454—J. V. Waldron—*Rosette.*

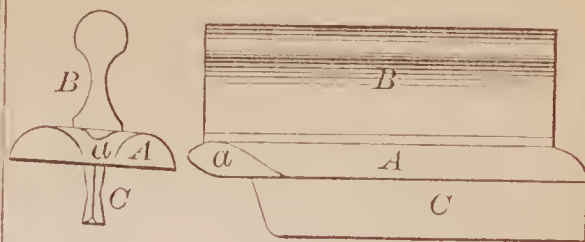


62455—J. T. Walker—*Wrestling Toy.*62458—J. E. West—*Corn Planter.*62456—H. Waters—*Hoe Blank.*62457—J. V. Weitz—*Steam Engine Governor.*62460—Wilkins & Rogers—*Brush Manufacture.*62459—C. A. White—*Washing and Wringing Machine.*62461—R. B. Wright—*Planting Machine.*

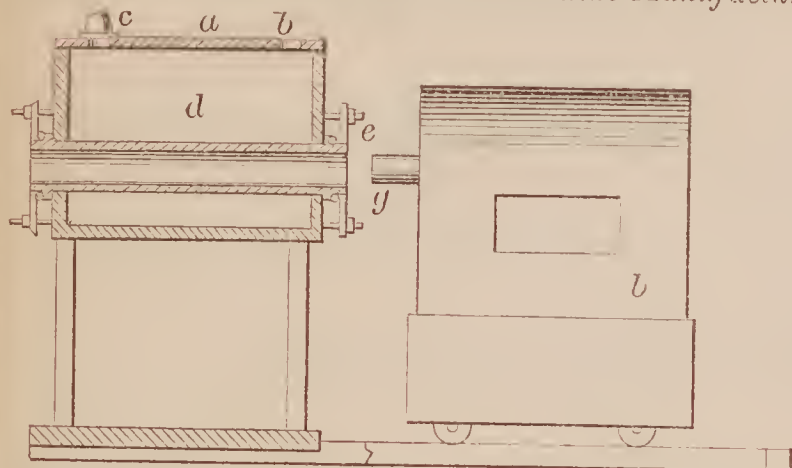
62462—S. W. Wright—*Bolt Cutting Shears.*



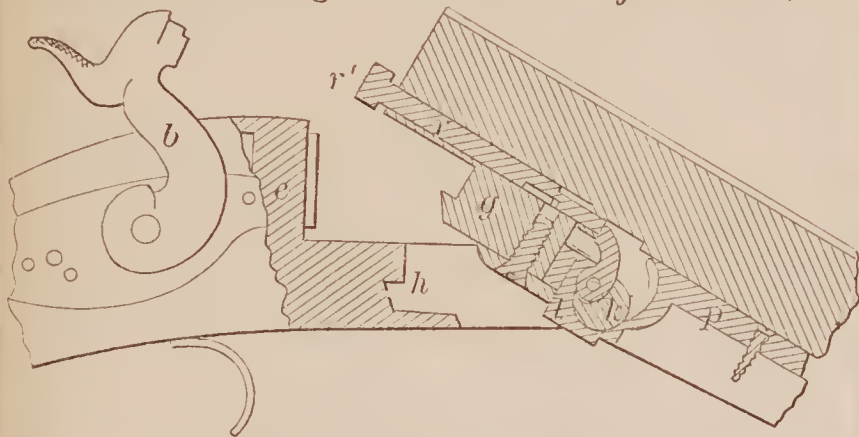
62463—A. M. Zabriskie—*Brick Work Groover.*



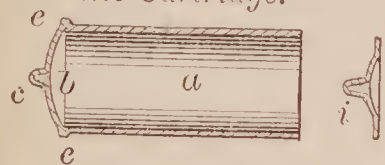
62464—D. Alter—*Bromine and Iodine Manufacture.*



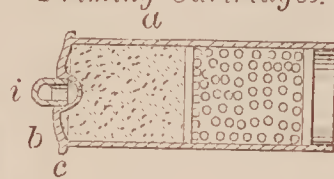
62465—A. J. Bergen—*Breech-Loading Fire Arm.*



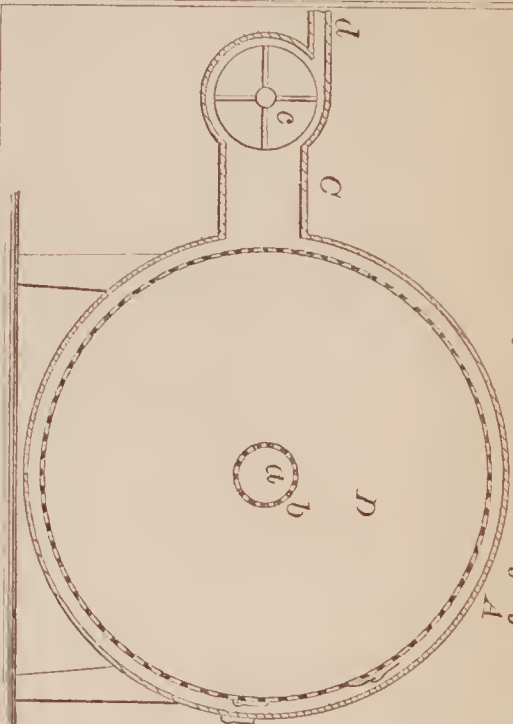
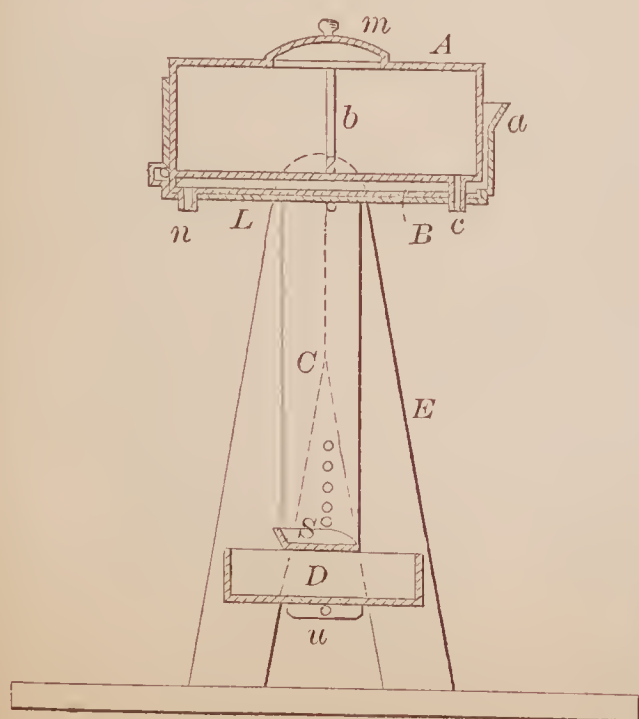
62466—A. J. Bergen—*Metallic Cartridge.*



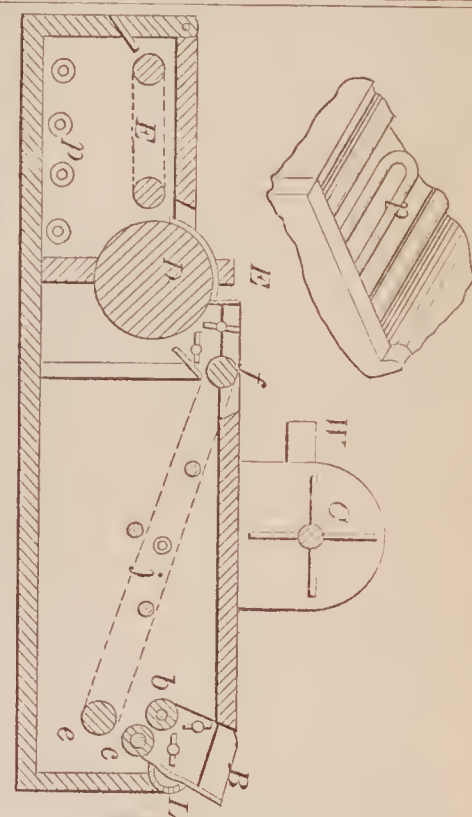
62467—A. J. Bergen—*Priming Cartridges.*



62470—T. I. Burhyte—*Churn.*

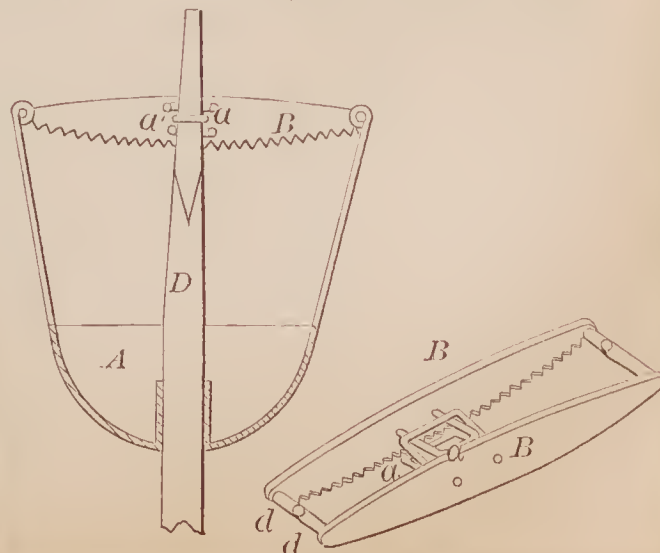


62468—L. W. Boynton—*For Drying Wool.*

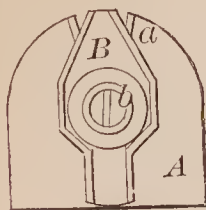


62469—L. W. Boynton—*For Preparing Peat.*

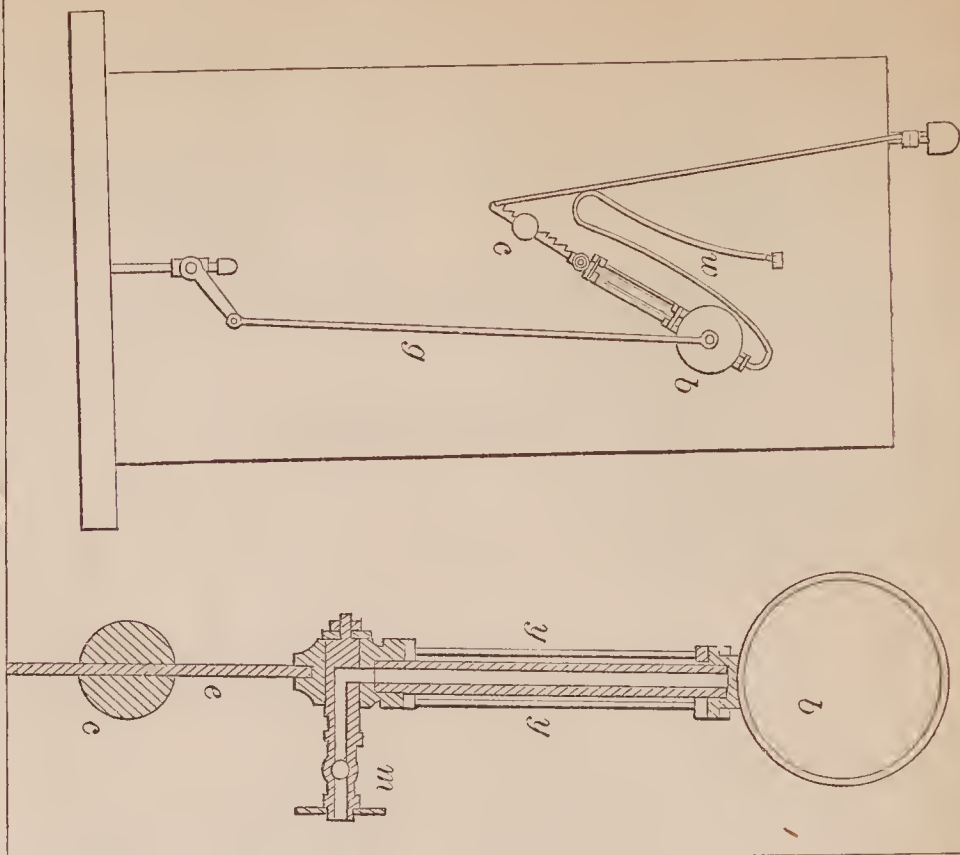
62471—J. T. Carpenter—*Broom Head.*



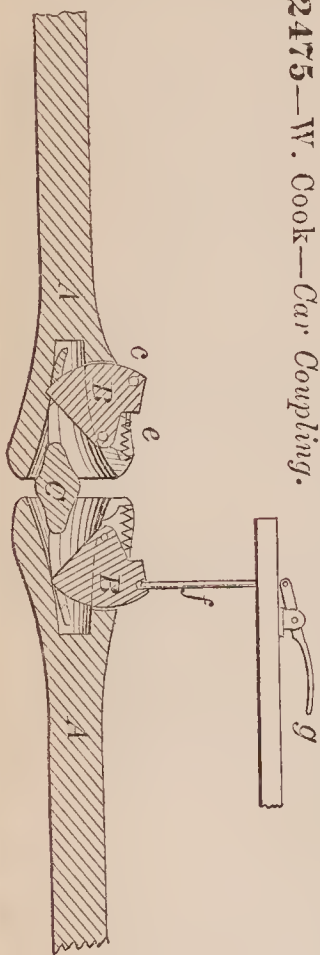
62472—M. T. Chapman—*Knife and Seissors Sharpener.*



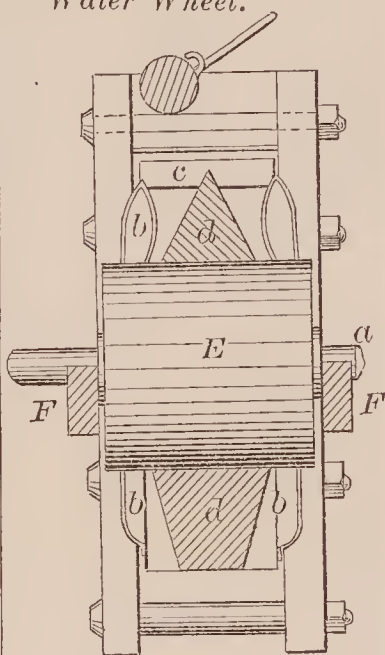
62474—G. E. Chenoweth—*Feed Water Regulator.*



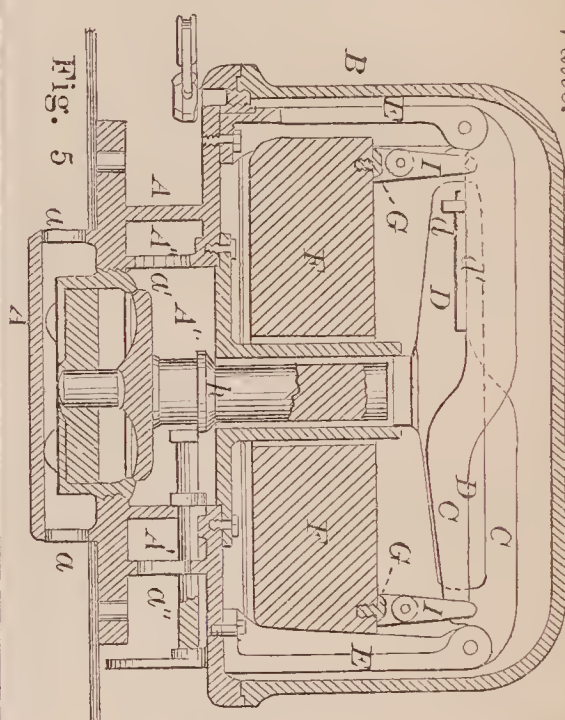
62475—W. Cook—*Car Coupling.*



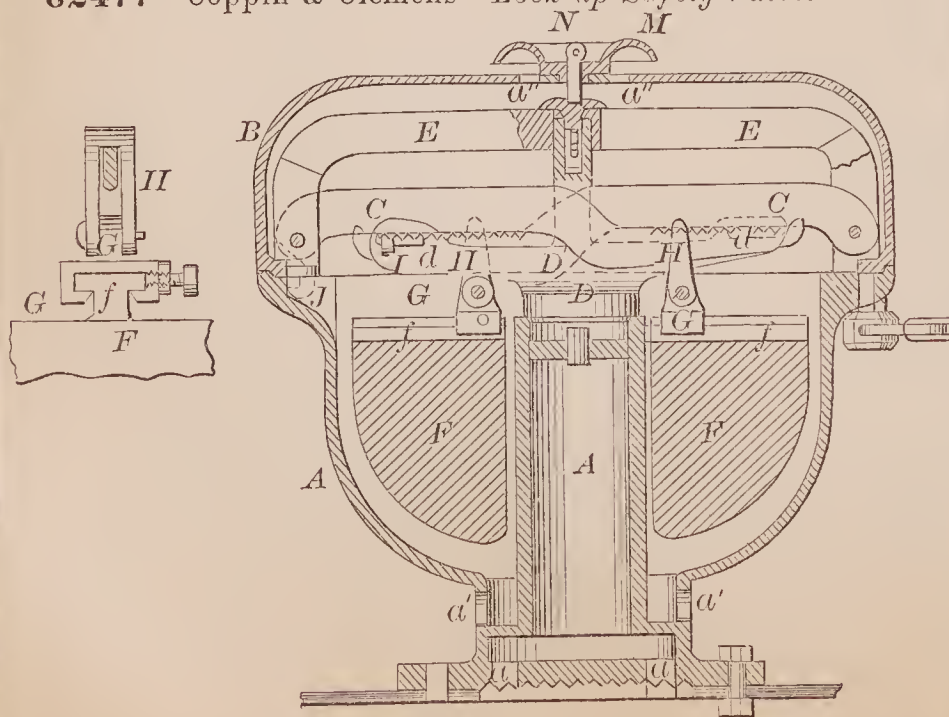
62473—R. Chapman—*Water Wheel.*



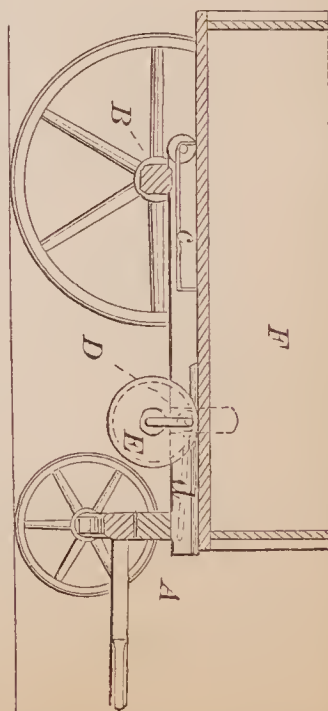
62476—Coppin & Clemens—*Lock-up Safety Valve.*



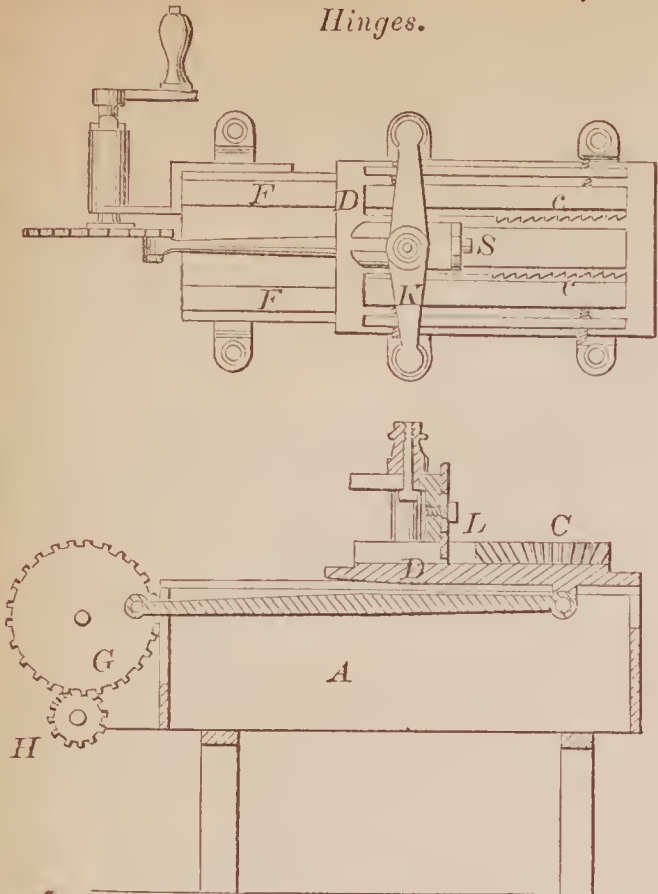
62477—Coppin & Clemens—*Lock-up Safety Valve.*



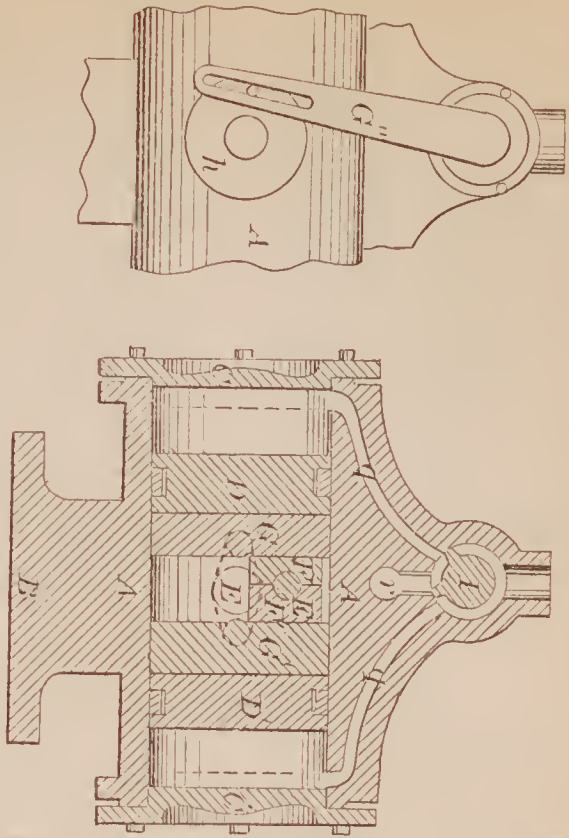
62478—G. R. Cramer—*Dumping Wagon.*



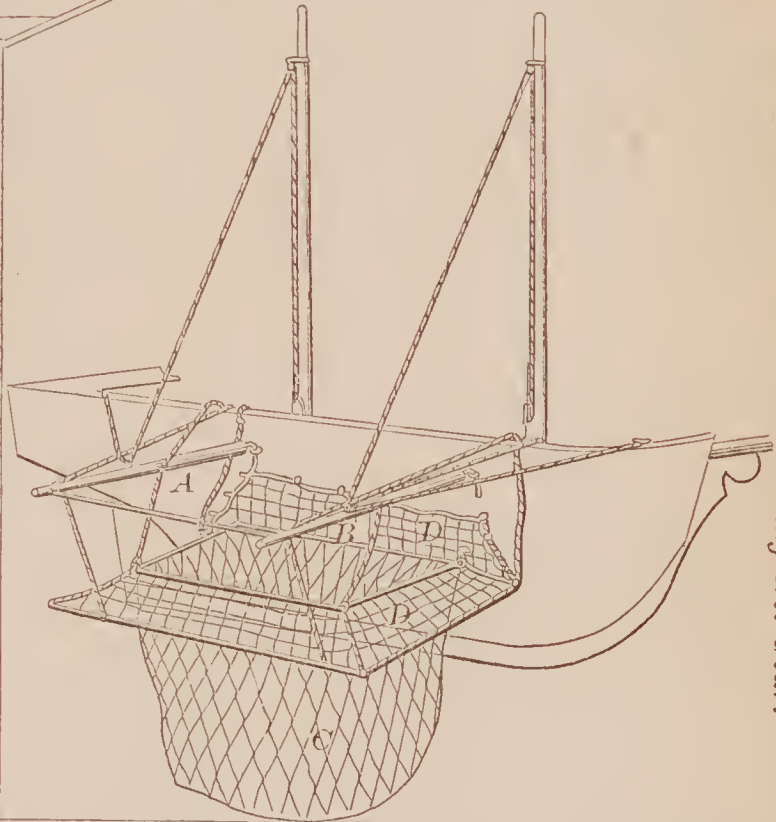
62479—J. J. Crooke—*For Finishing Butt Hinges.*



62482—G. P. Gamster—*Steam Engine.*



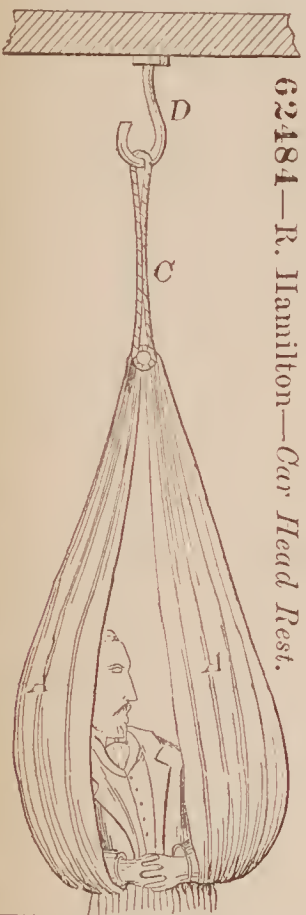
62481—C. C. Crosman—*Fishing Net Gear.*



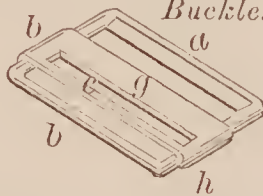
62480—C. O. Crosby—*Leather Sole.*



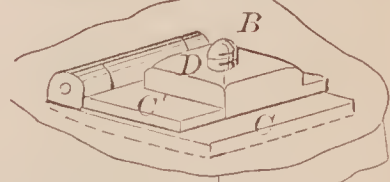
62484—R. Hamilton—*Car Head Rest.*



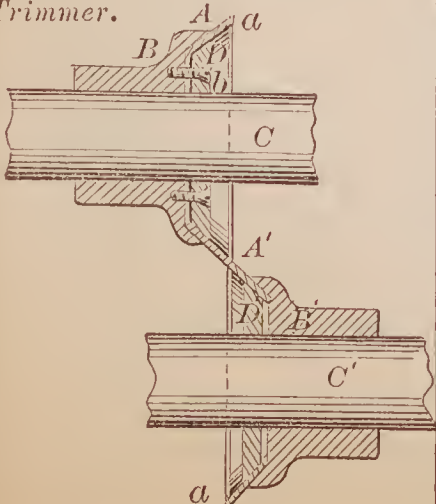
62485—S. E. Booth—*Buckle.*



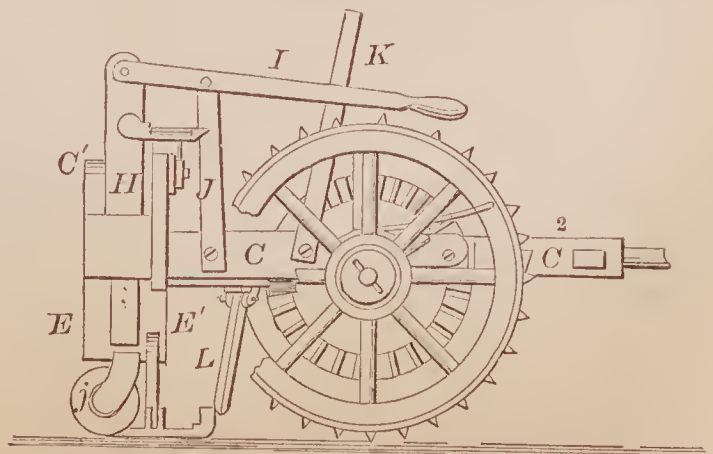
62483—J. H. Gridley—*Locking Washer for Nuts.*



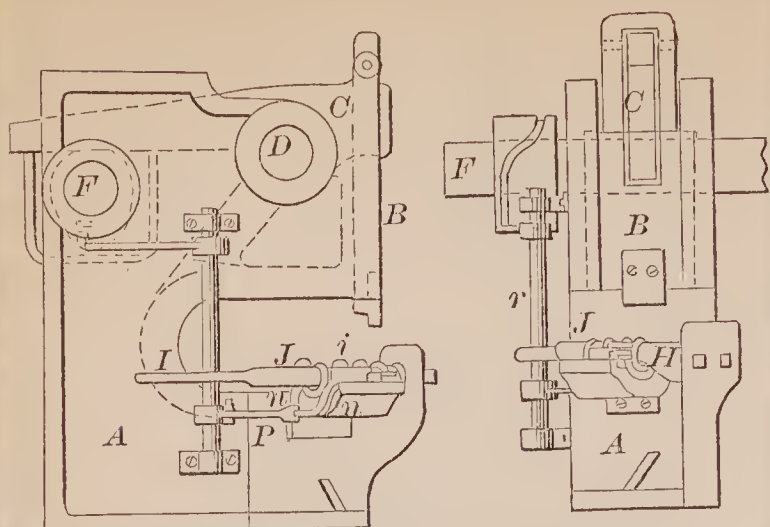
62486—J. Hatch—*Paper Trimmer.*



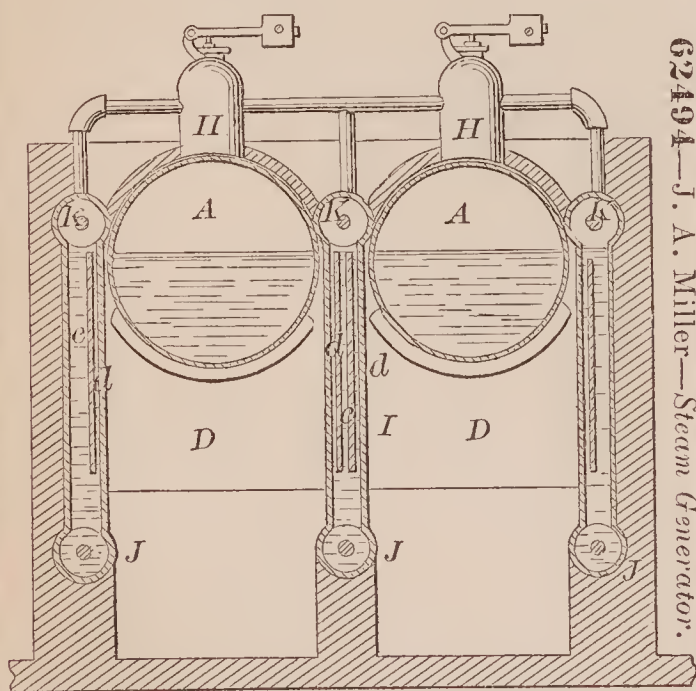
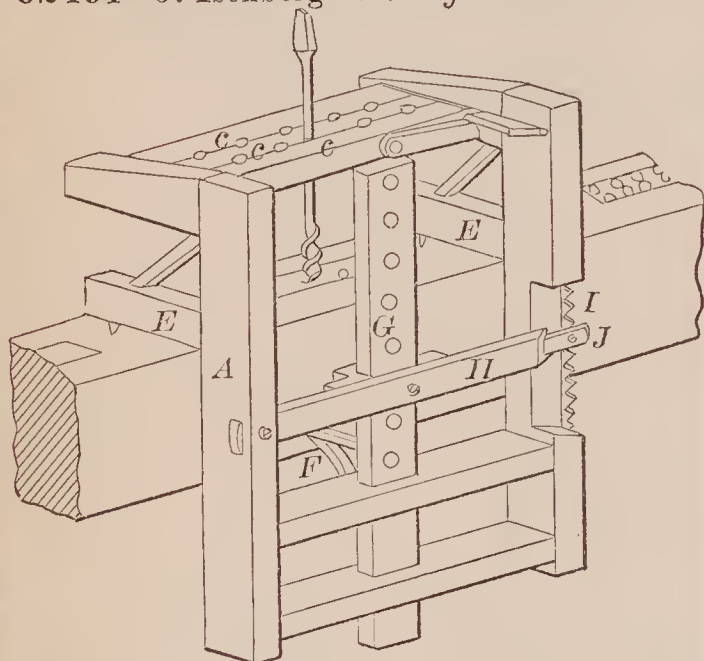
62487—J. Hepperly—*Hedge Trimmer.*



62488—G. Homfray—For Cutting Chain Links.

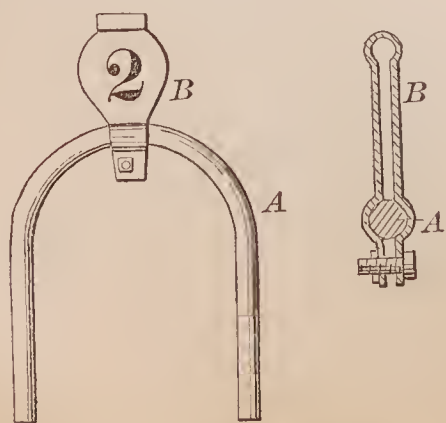


62491—J. Isenberg—Boring Machine.

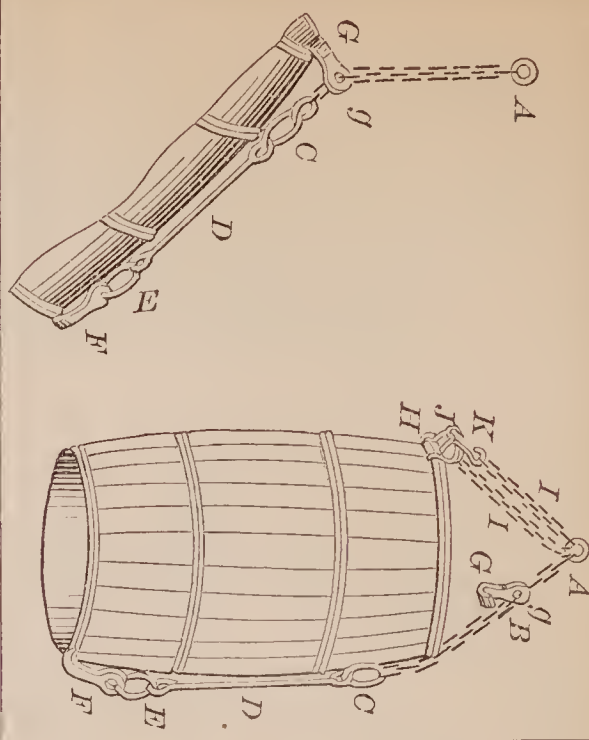


62494—J. A. Miller—Steam Generator.

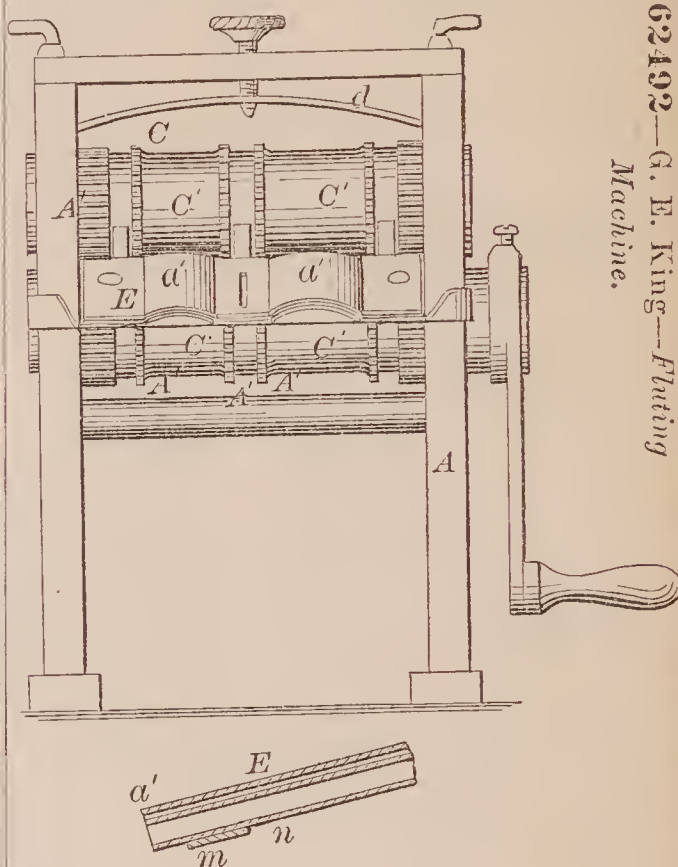
62495—G. L. Morse—Croqueterie.



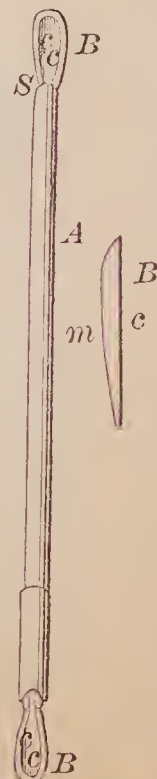
62489—T. Hopkins—Cant Hook.



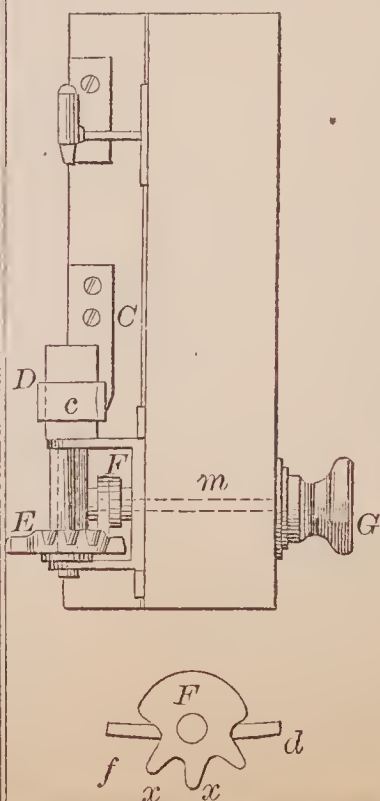
62492—G. E. King—Fluting Machine.



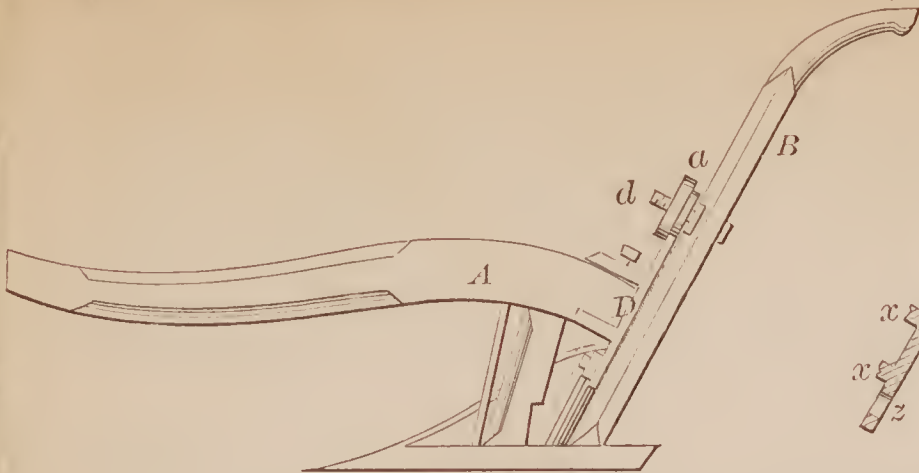
62496—Morse & Powell—Eraser and Pen Handle.



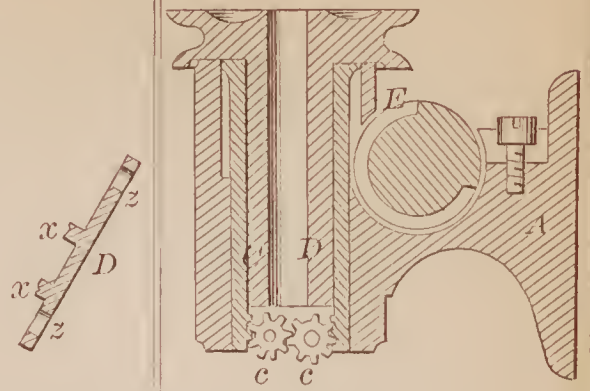
62493—C. Lehnert—Shutter Fastening.



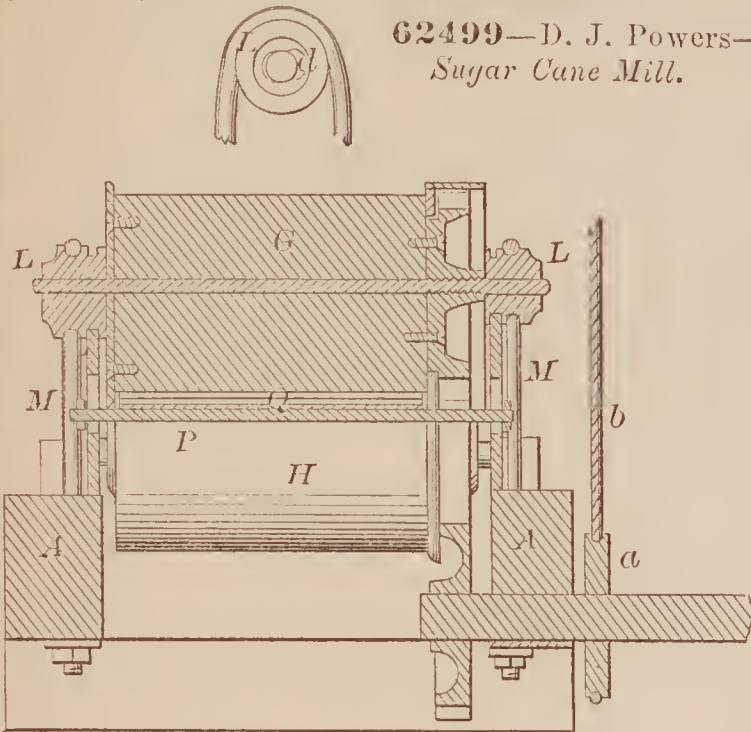
62497—J. Parker—*Plow.*



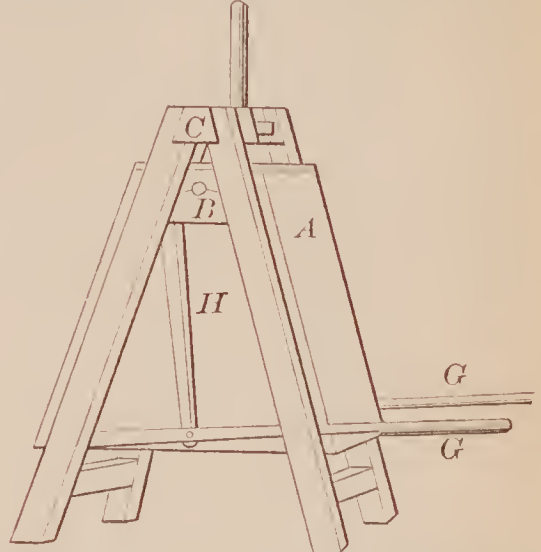
62498—H. T. Potter—*Spinning Machinery.*



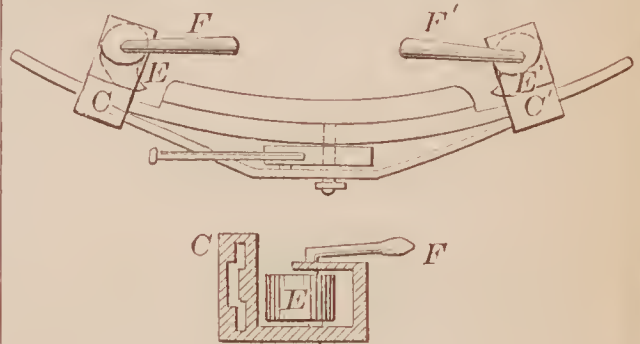
62499—D. J. Powers—*Sugar Cane Mill.*



62502—A. A. Rose—*Churn.*



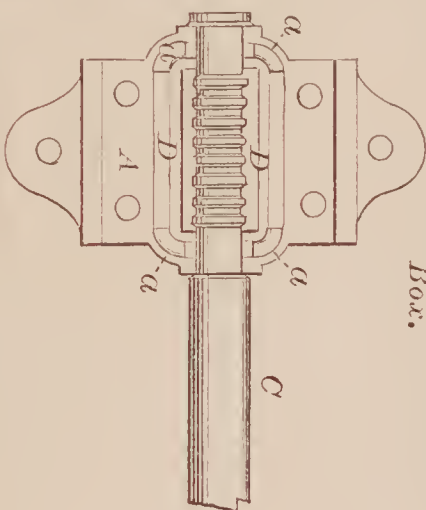
62501—J. Robinson—*Tire Shrinker.*



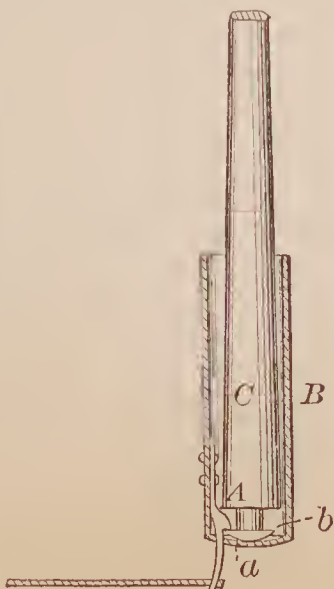
62504—L. A. Salmon—*Dental Instrument.*



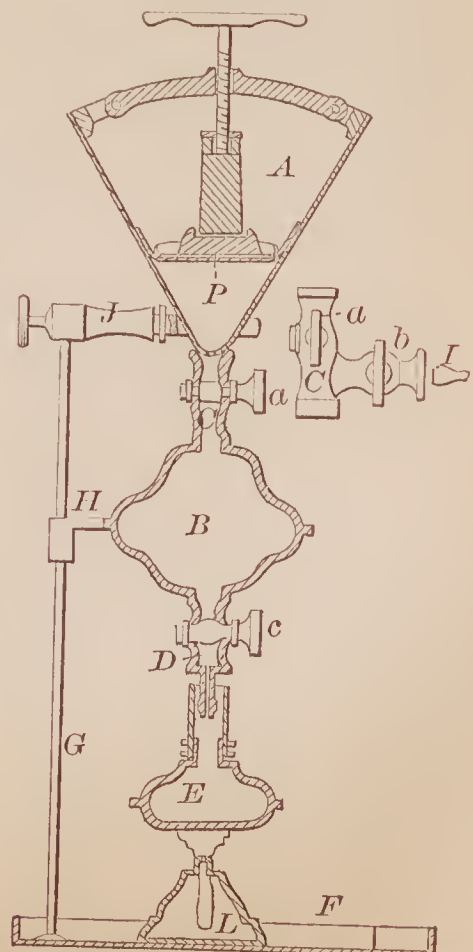
62500—C. Purdy—*Self-Lubricating Box.*

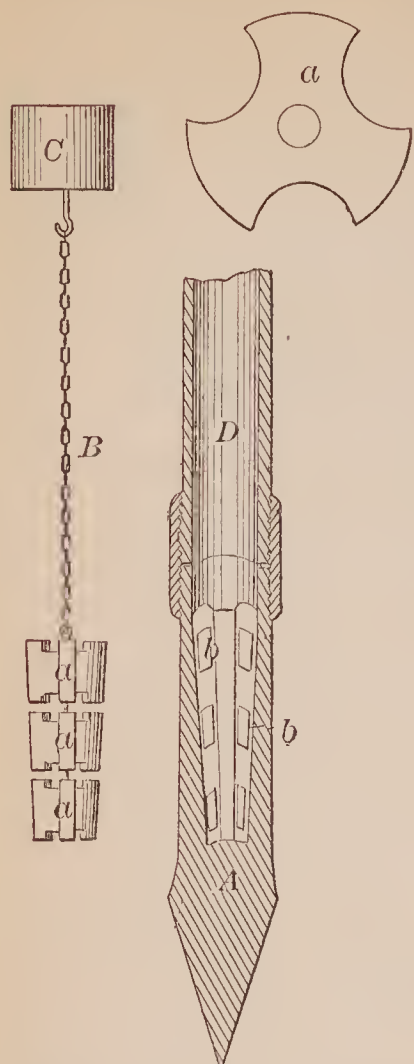
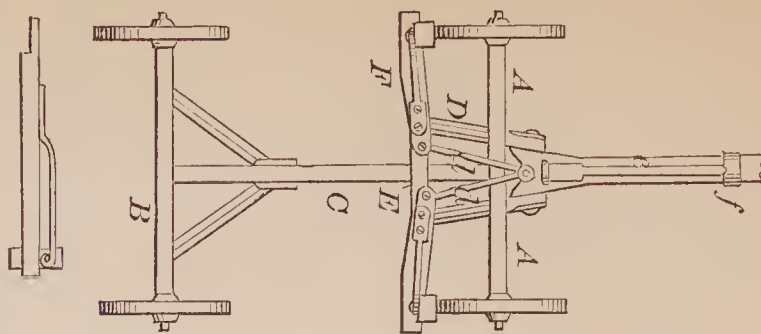
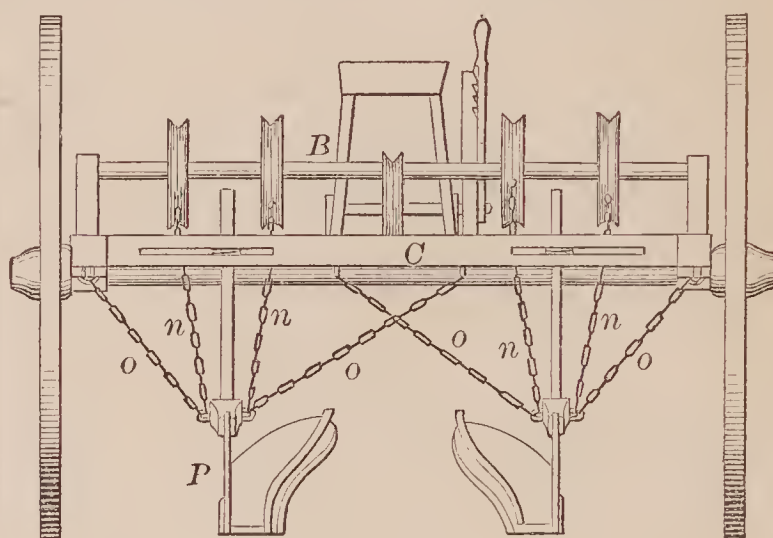
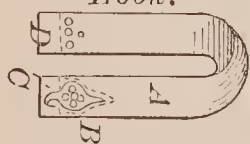
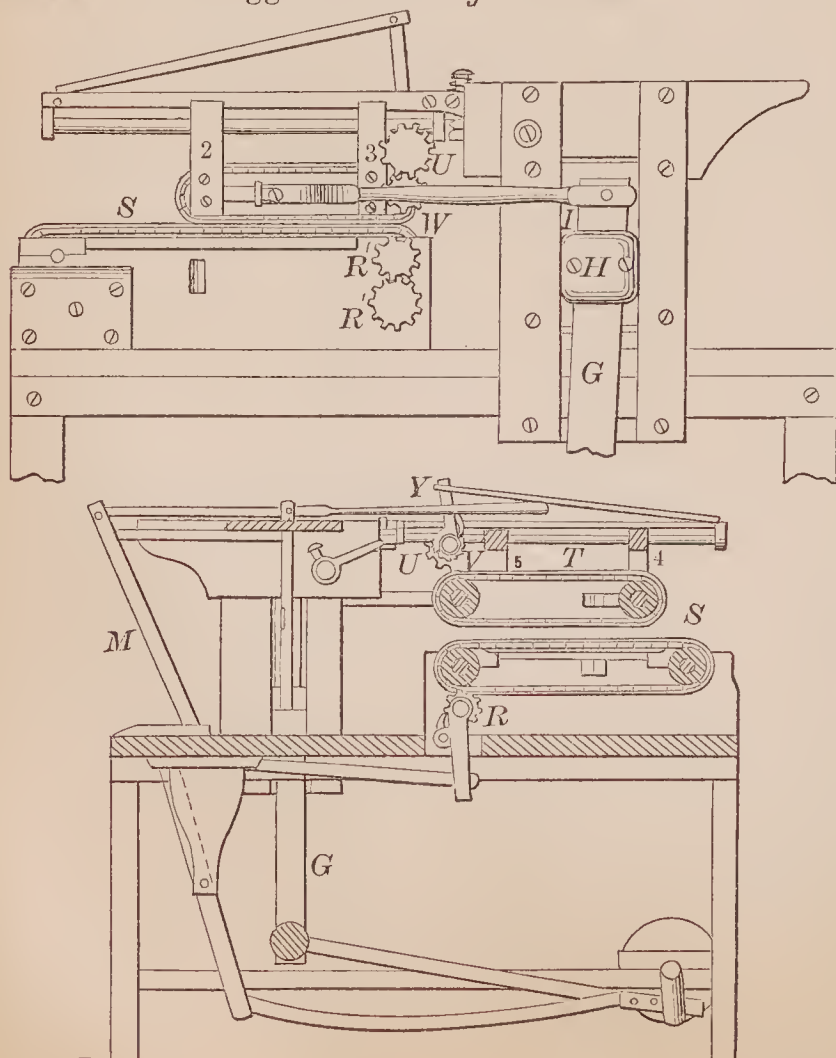
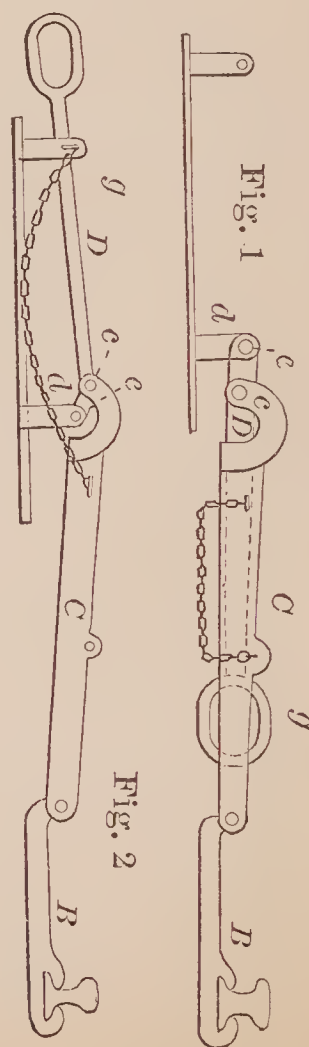


62506—J. Steger—*Whip Socket.*

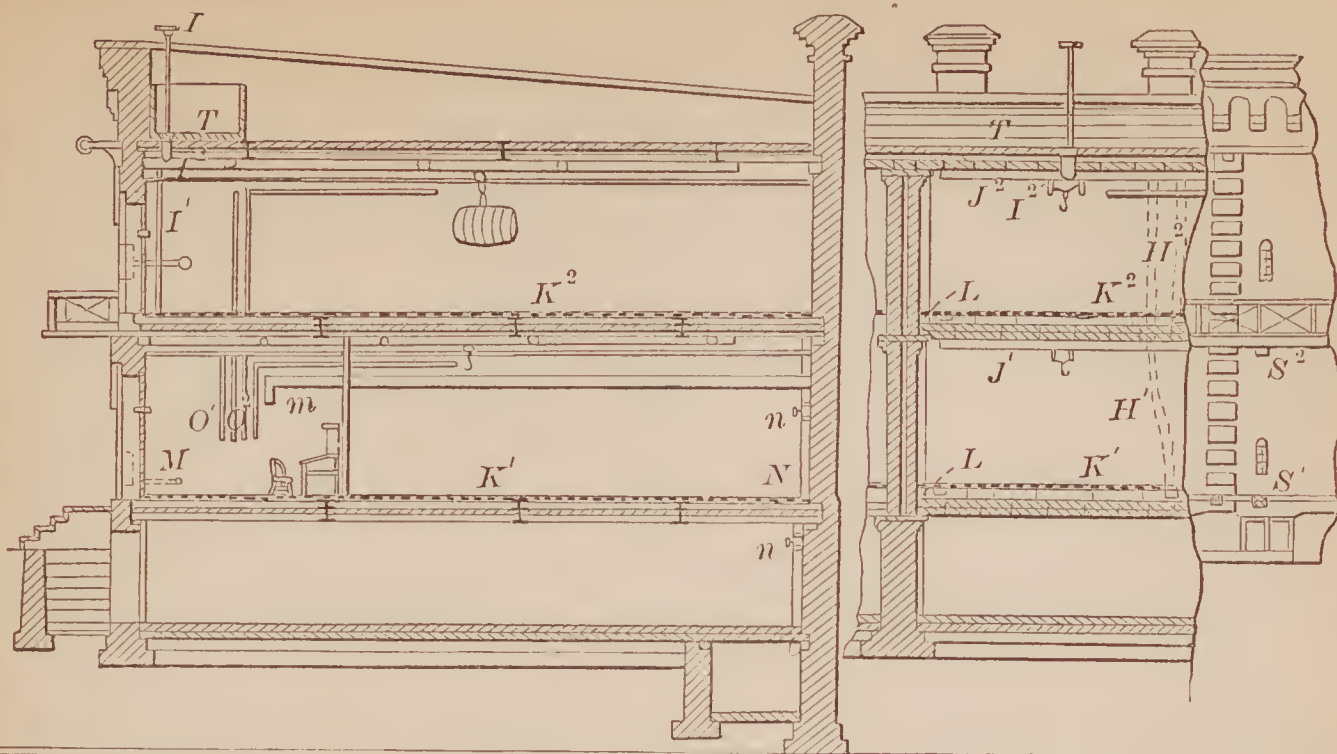


62505—T. Simmons—*Vacuum Filter.*



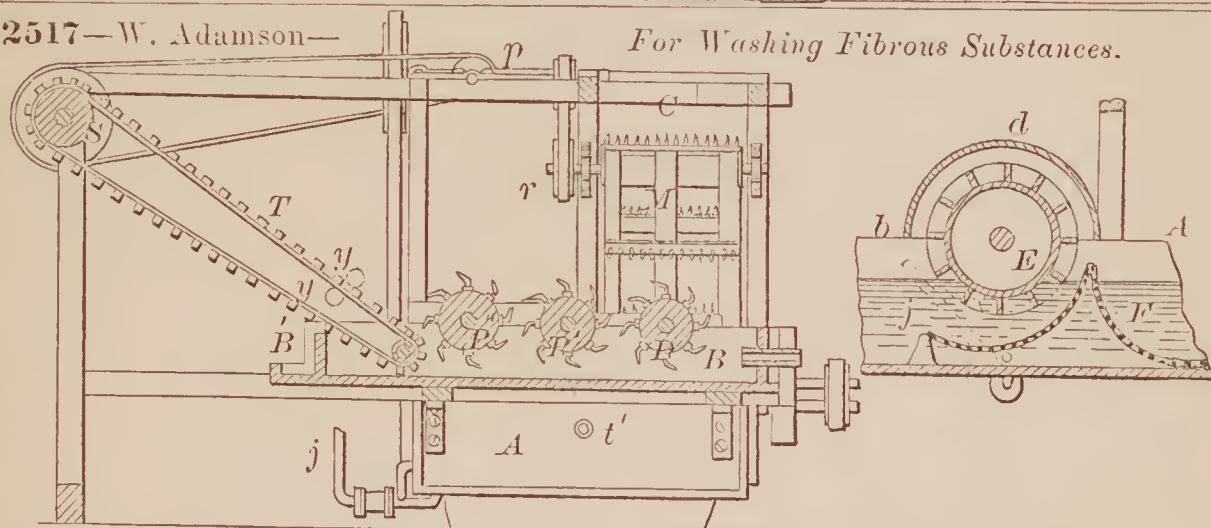
62508—Taylor & Ballou—*Tube Boring Well.*62509—O. C. Taylor—*Wagon Brake.*62511—J. W. Tyson—*Cultivator.*62513—S. Ward—*Back Band Hook.*62514—J. E. Wiggin—*Boarding Machine.*62510—W. Tracy—*Railway Switch.*

62515—C. Wright—Storehouse.



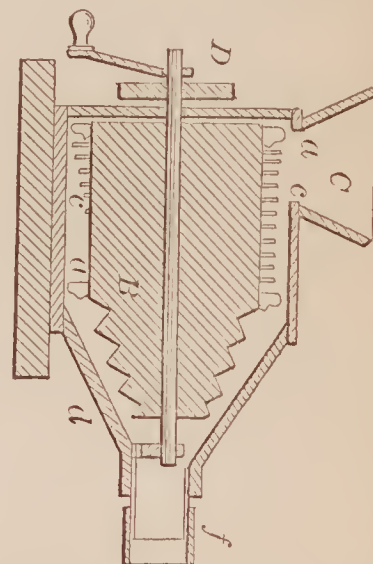
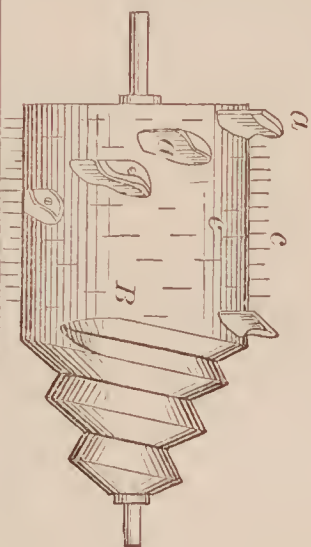
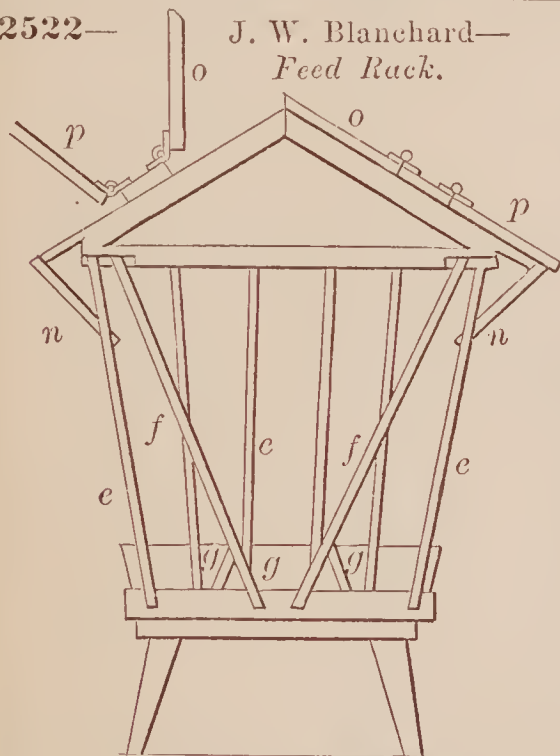
62517—W. Adamson—

For Washing Fibrous Substances.



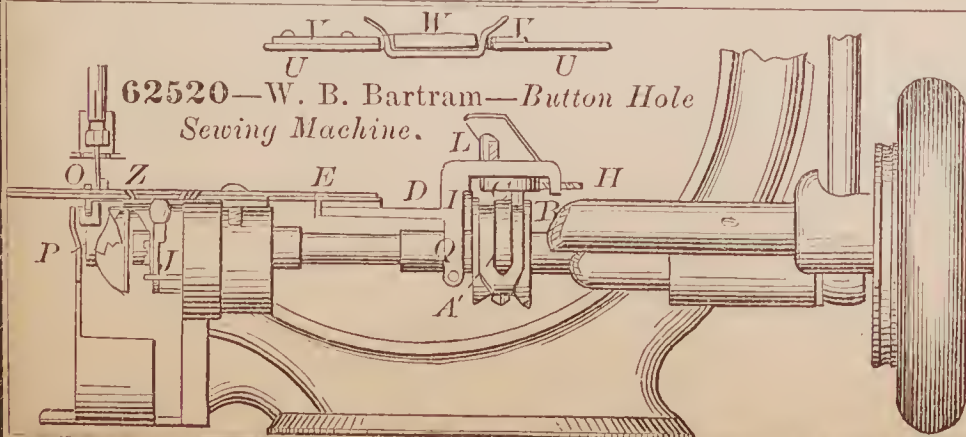
62522—

J. W. Blanchard—
Feed Rack.

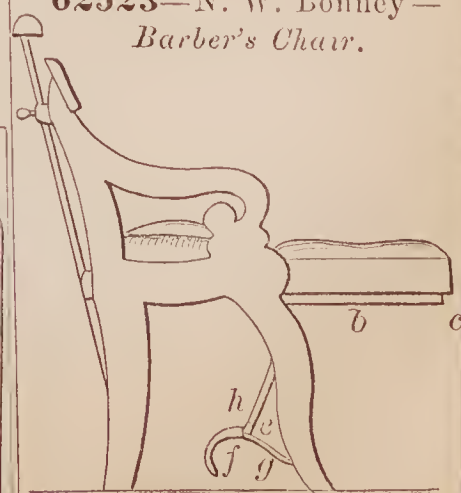


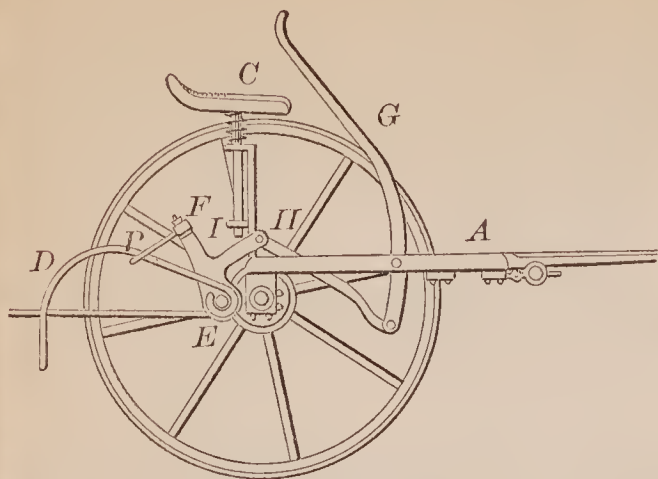
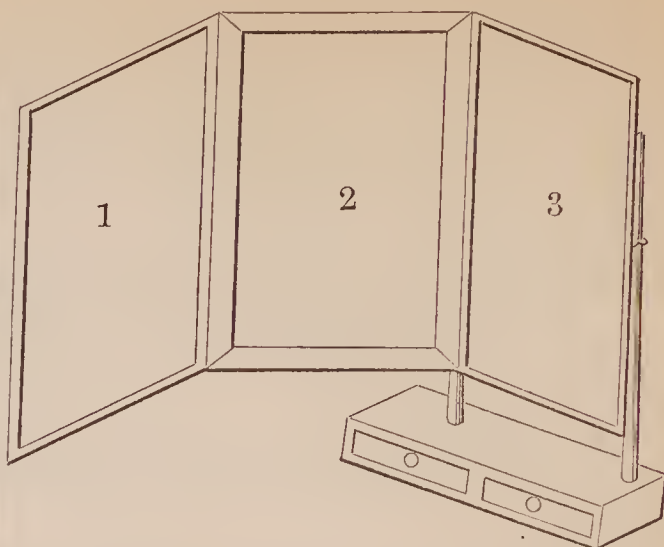
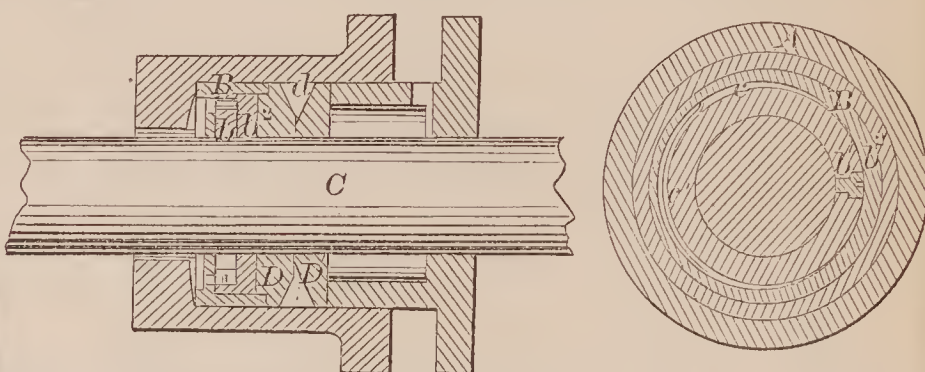
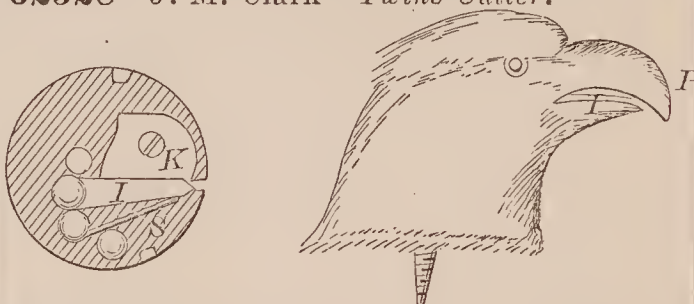
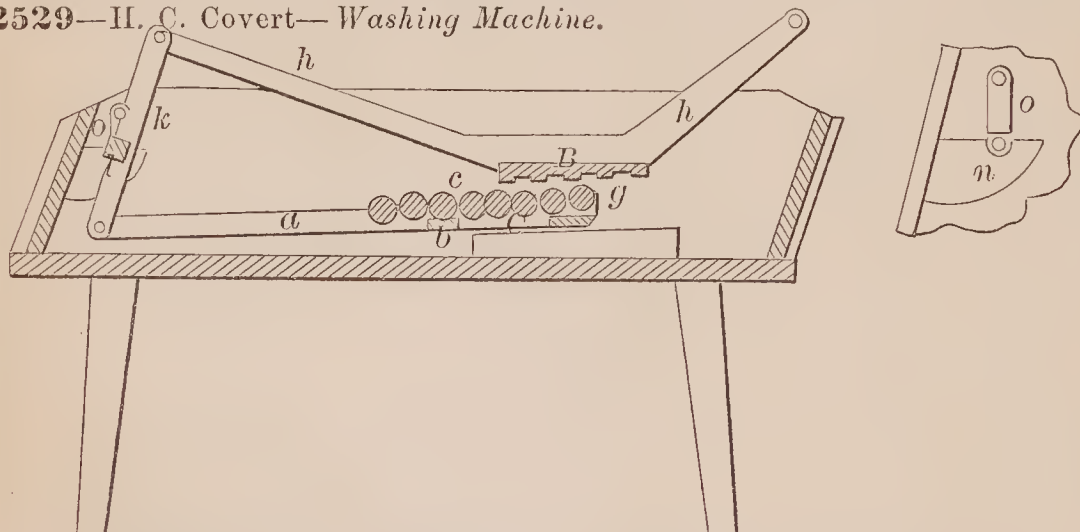
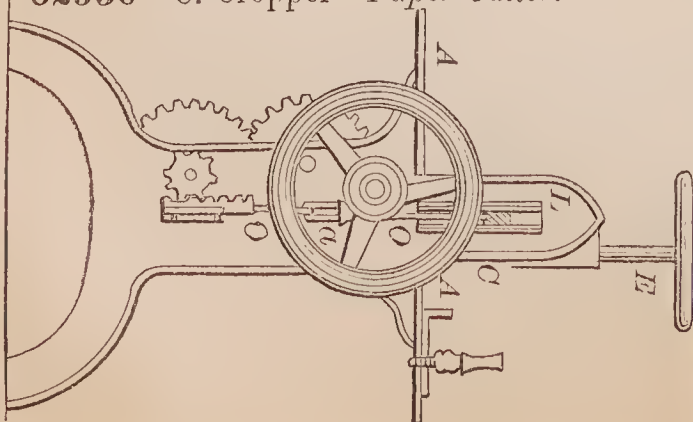
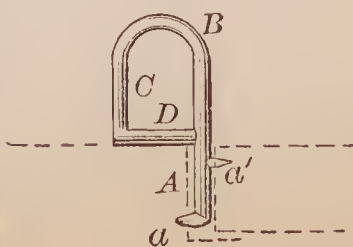
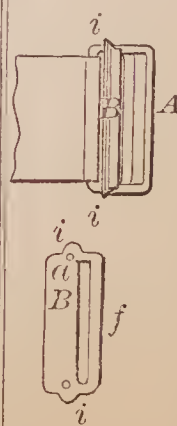
62519—E. Atkinson—*Peat Machine.*

62520—W. B. Bartram—*Button Hole Sewing Machine.*

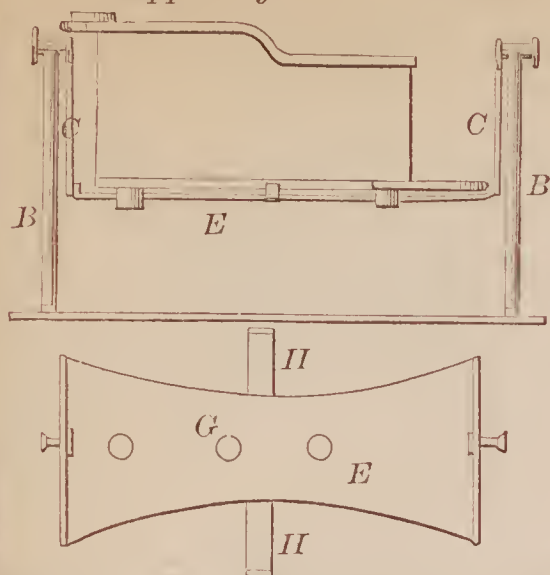


62523—N. W. Bonney—
Barber's Chair.

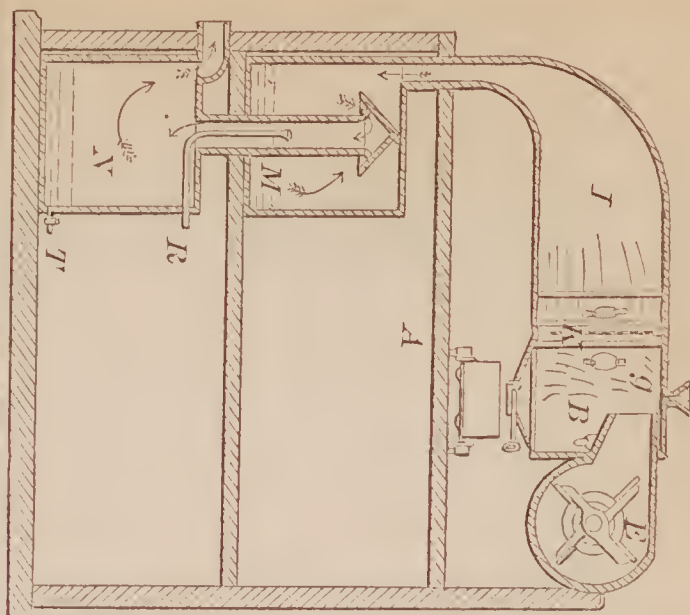


62524—W. L. Bostwick—*Horse Rake.*62526—R. H. Brown—*Toilet Glass.*62527—J. F. Chuse—*Metallic Stuffing Box Packing.*62528—J. M. Clark—*Twine Cutter.*62531—J. Decker—*Clock Alarm.*62529—H. C. Covert—*Washing Machine.*62530—C. Cropper—*Paper Cutter.*62532—J. Decker—*Door Fastening.*62533—T. B. De Forest—*Buckle.*

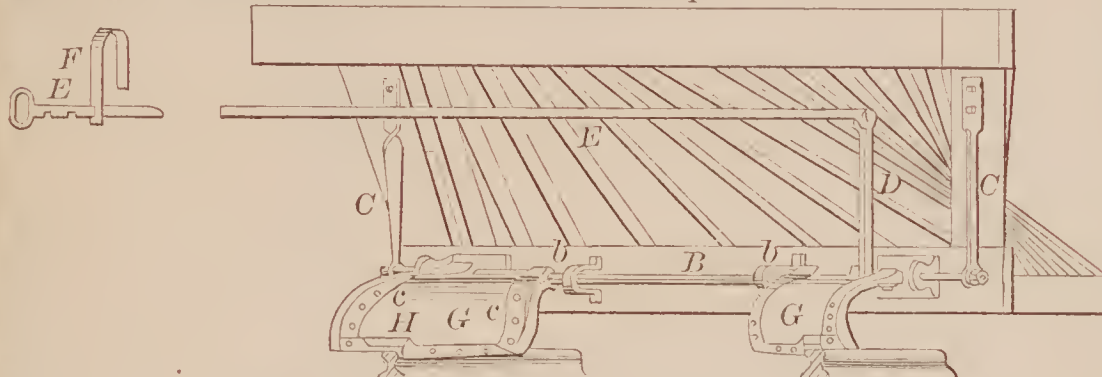
62534—Duburn & Keith—*Frame for Supporting Stoves on Vessels.*



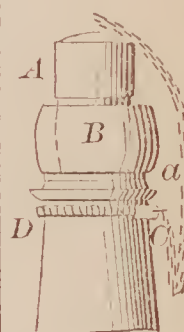
62537—Ficken & Williams—*For Cleaning and Purifying Bone Black.*



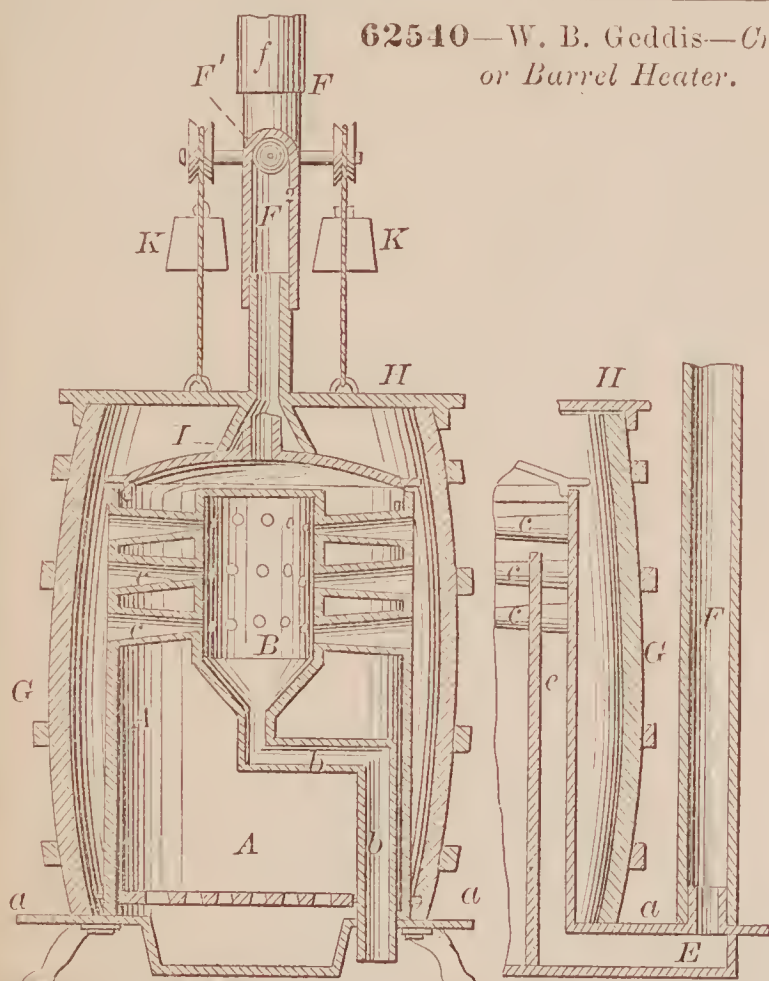
62535—C. C. Elliott—*Locomotive Snow Scraper.*



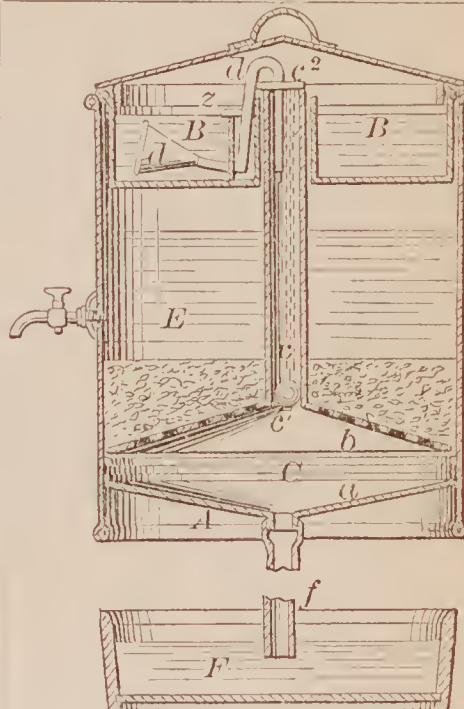
62536—J. J. Eshleman—*Attaching Stoppers to Bottles.*



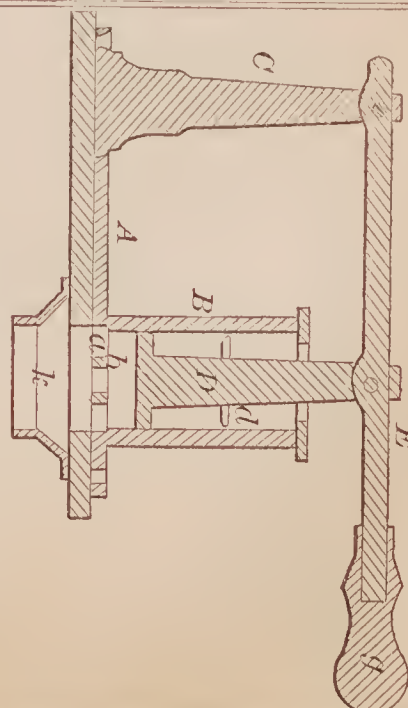
62540—W. B. Geddis—*Cresset or Barrel Heater.*



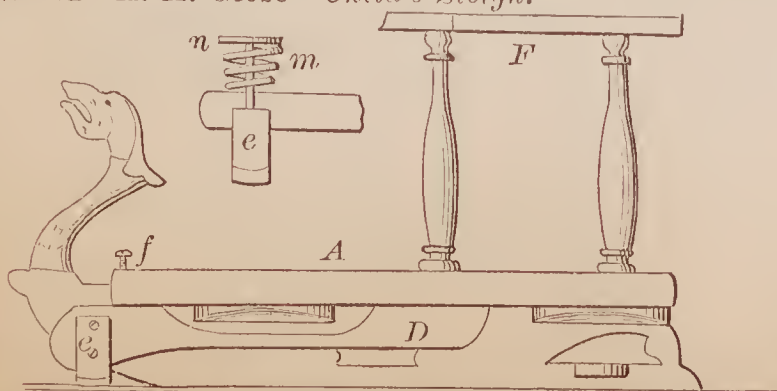
62538—H. Vlad—*Filter.*

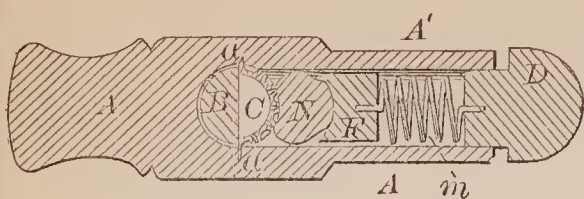
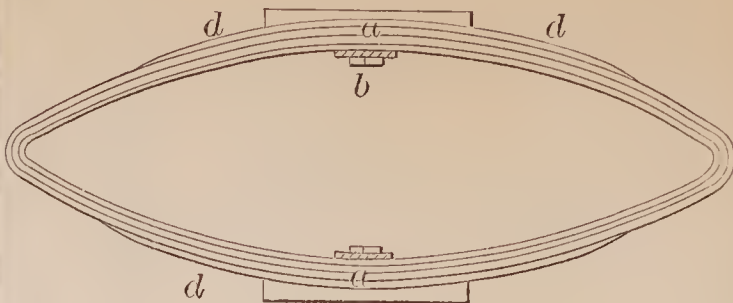
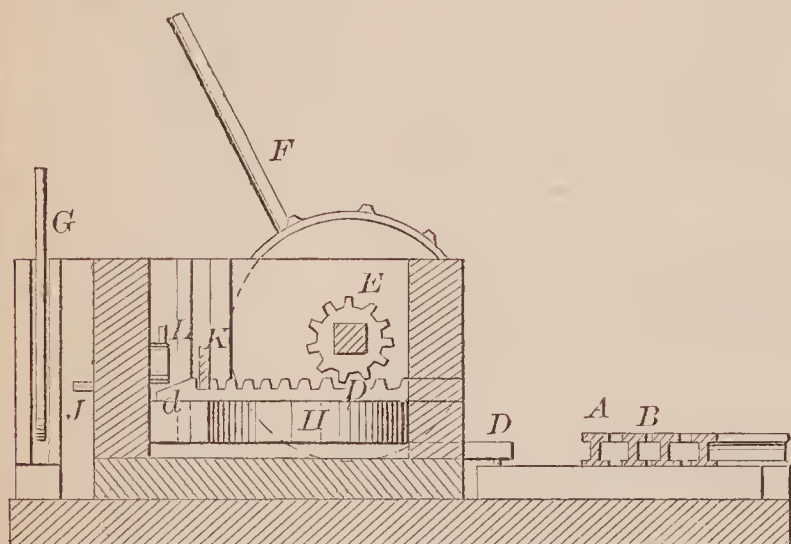
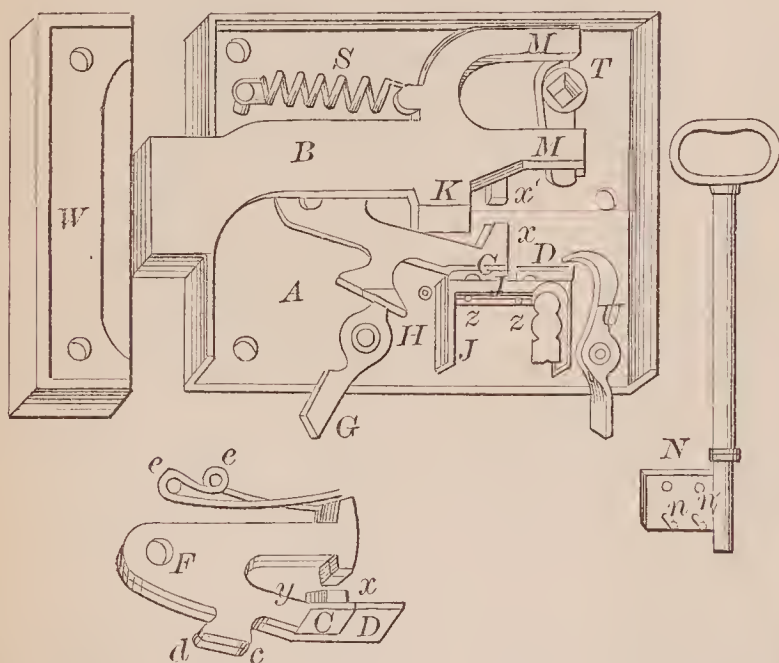
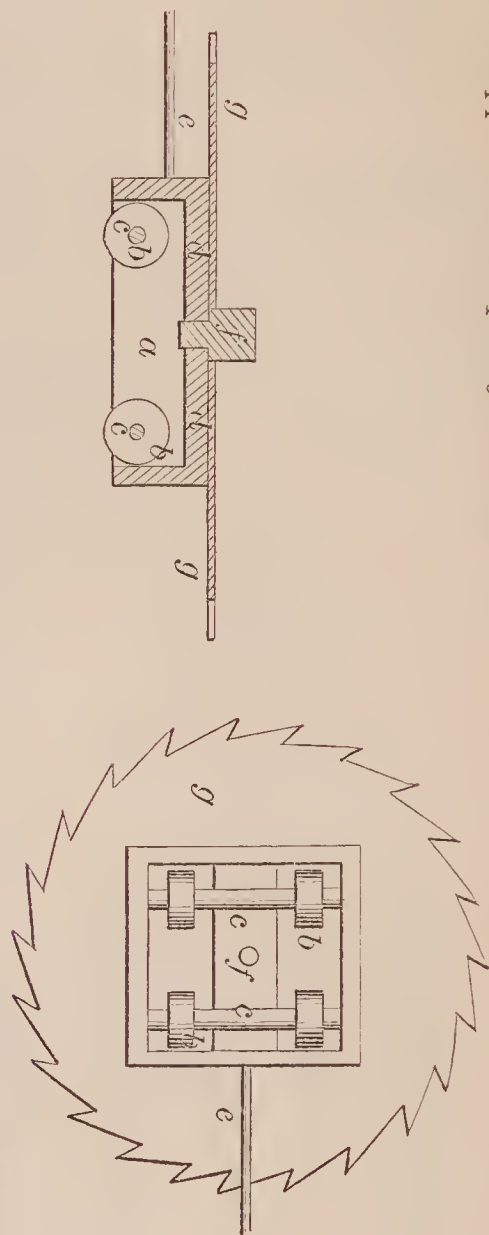
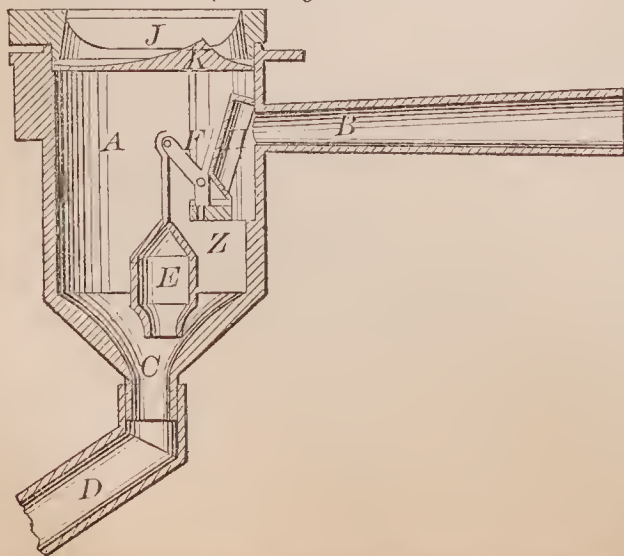
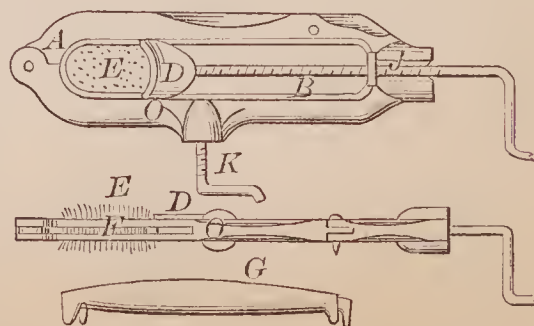


62539—F. F. Fowler—*Ice Crusher.*

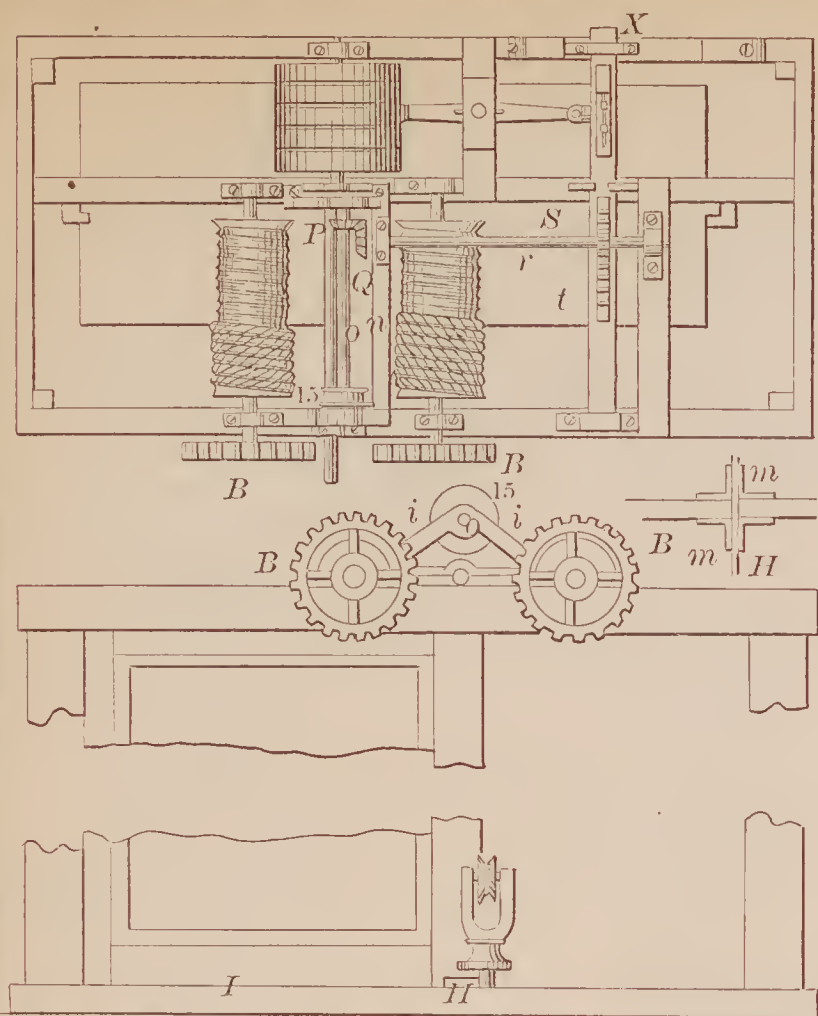


62541—A. H. Glose—*Child's Sleigh.*

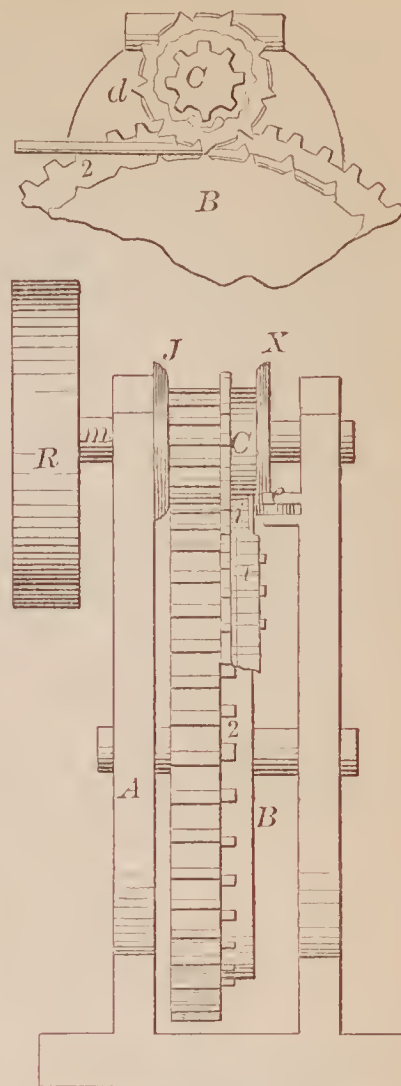


62542—J. A. Hooper—*Nutmeg Grater.*62543—J. M. & E. Ingold—*Carriage Spring.*62544—J. F. Jones—*Switch.*62545—F. F. Landis—*Door Lock.*62546—S. Lippincott—*Tempering Circular Saws.*62547—D. S. Loy—*Tuyere.*62548—Lyon & Hopkins—*Broom Clamp.*

62549—H. Malley—*Hoisting Machine.*



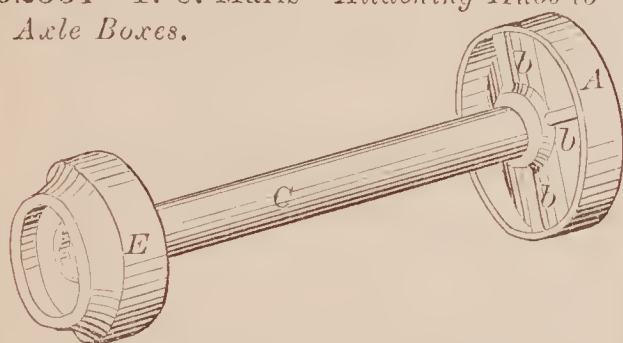
62553—W. W. Martin—*Spike Machine.*



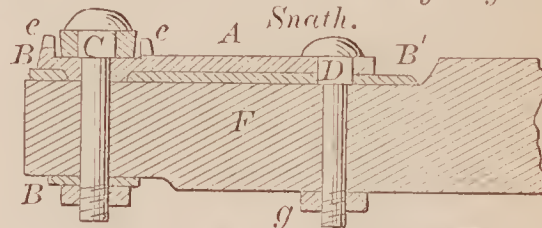
62555—G. Merritt—*Pencil Point Protector.*



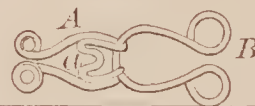
62551—T. C. Maris—*Attaching Hubs to Axle Boxes.*



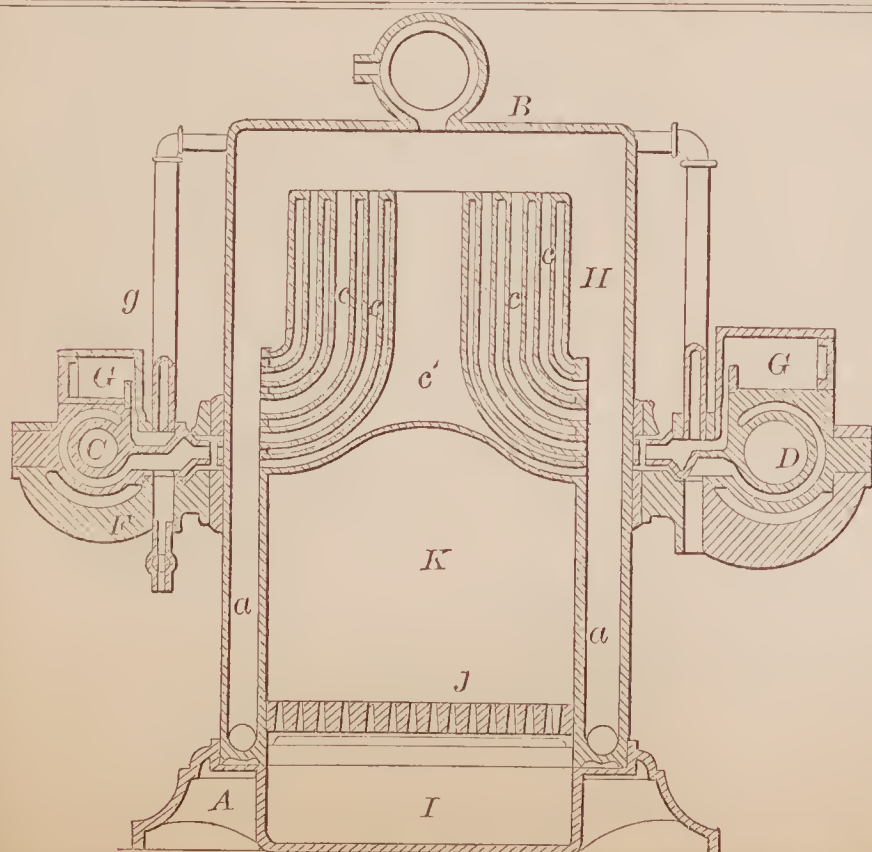
62552—D. W. Marston—*Uniting Scythe and Snath.*



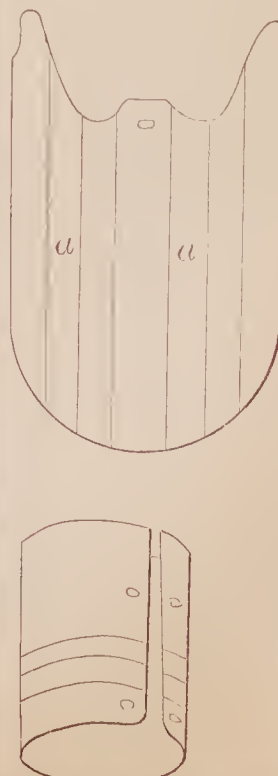
62554—J. B. Martindale—*Hooks and Eyes.*



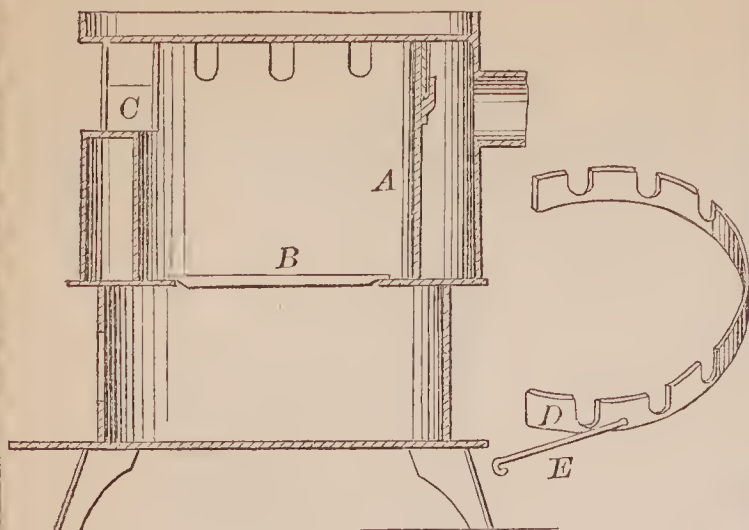
62556—J. H. Mills—*Steam Engine.*



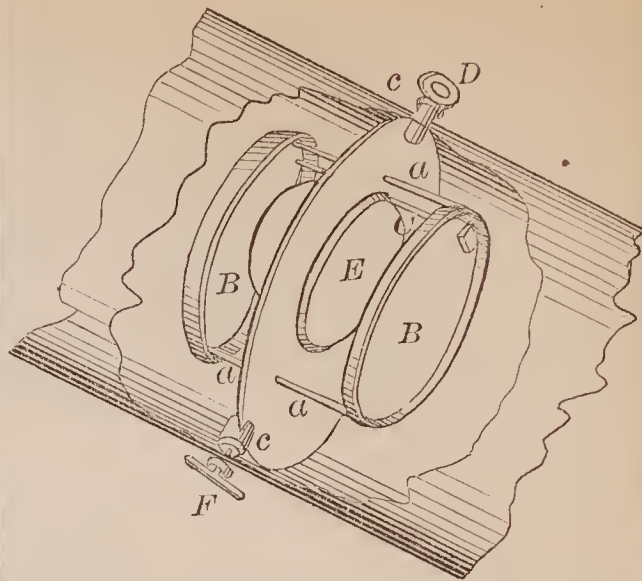
62550—T. W. Mann—*Paper Wearing Apparel.*



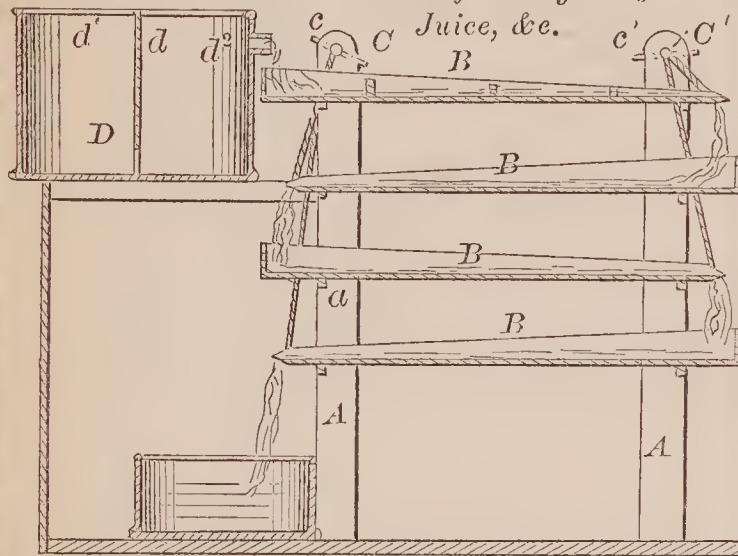
62557—G. R. Moore—*Damper for Flat Iron Heaters.*



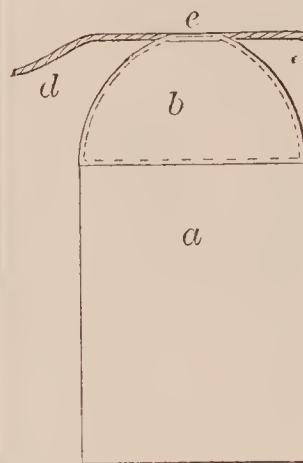
62559—W. V. Perry—*Stove Pipe Damper.*



62558—D. B. Neal—*For Defecating Sorghum Juice, &c.*



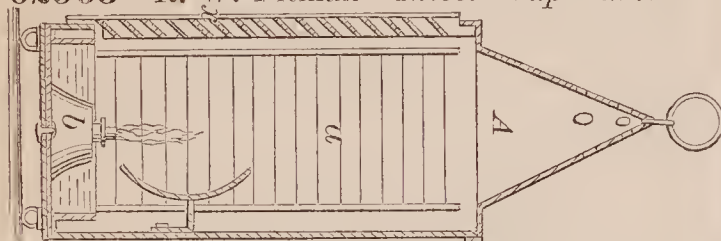
62561—G. E. Percy—*Direction Label.*



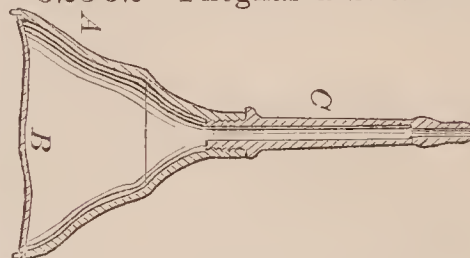
62560—J. W. Petty—*Cotton Bale Tie.*



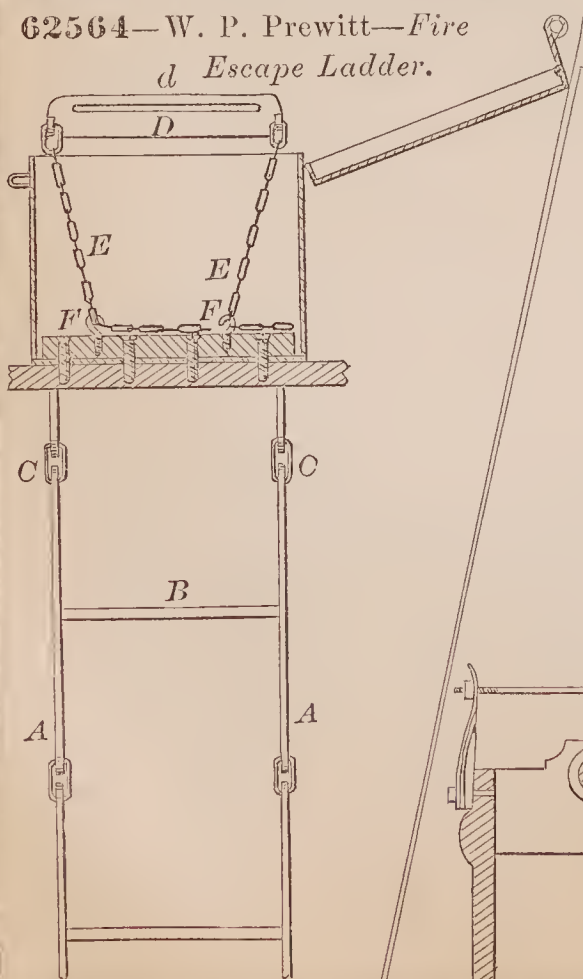
62563—R. W. Pitman—*Insect Trap Lantern.*



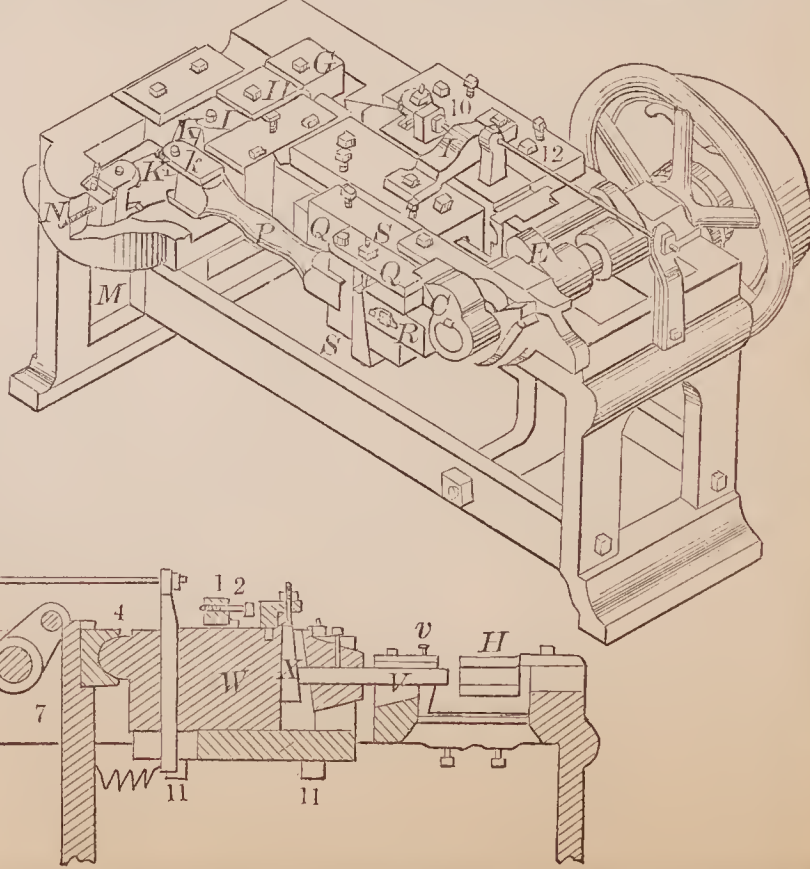
62562—Pfleghar & Shollhorn—*Oiler.*



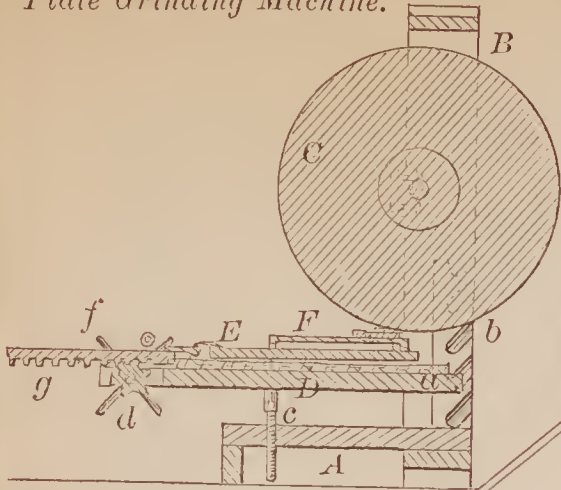
62564—W. P. Prewitt—*Fire Escape Ladder.*



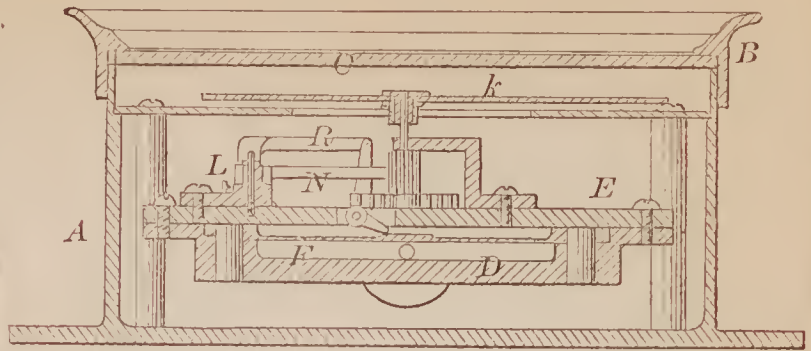
62565—J. C. Reed—*Bolt and Rivet Machine.*



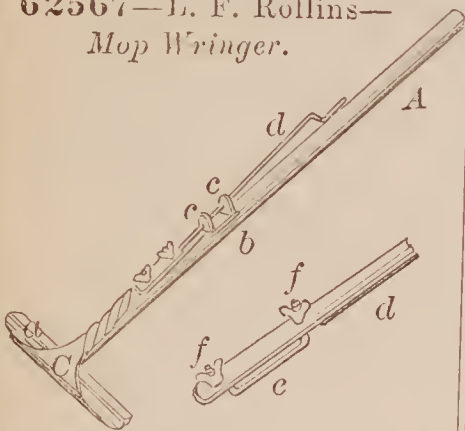
62566—A. R. Reynolds—*Metal Plate Grinding Machine.*



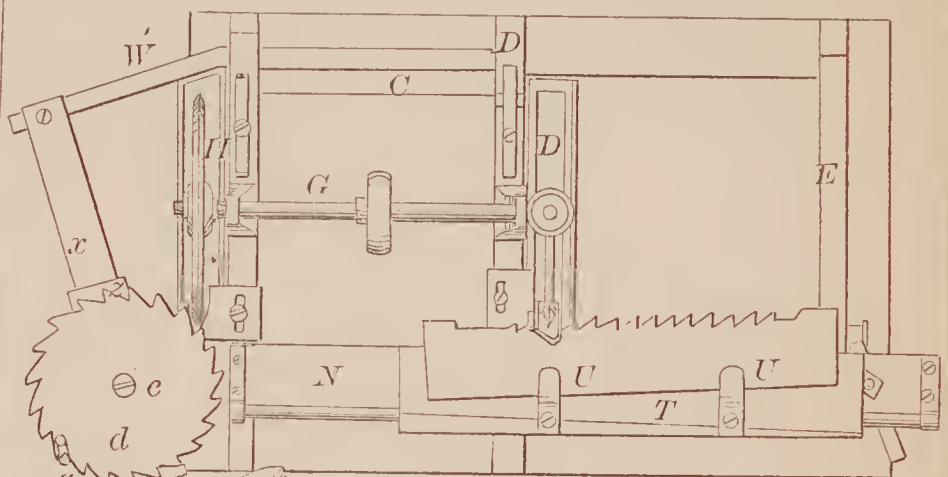
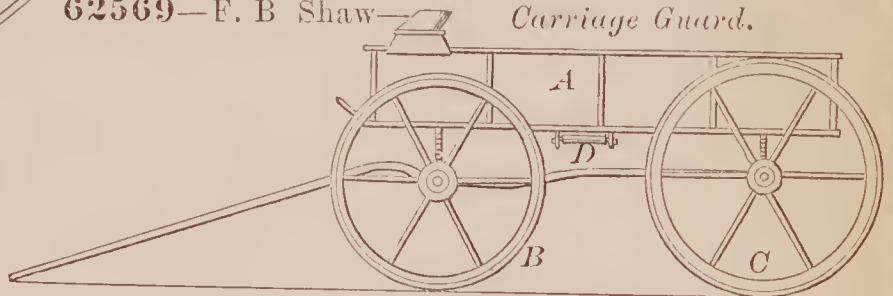
62568—P. Schofield—*Steam Gauge.*



62567—L. F. Rollins—*Mop Wringer.*

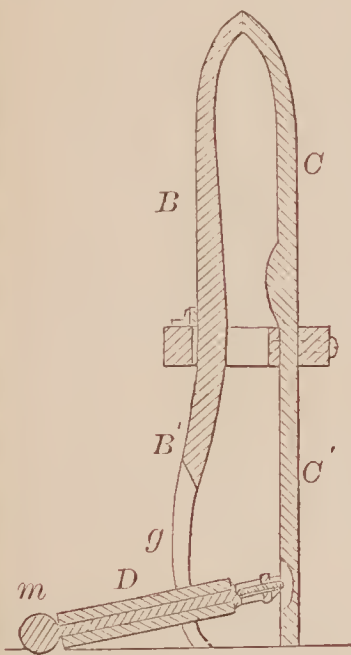


62569—F. B. Shaw—*Carriage Guard.*

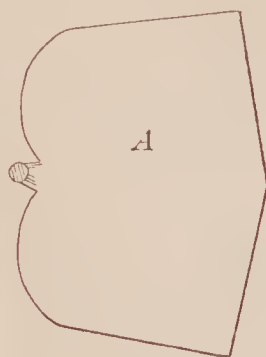
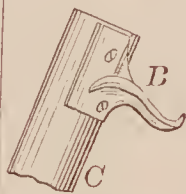


62572—C. Taylor—*Saw Sharpening Machine.*

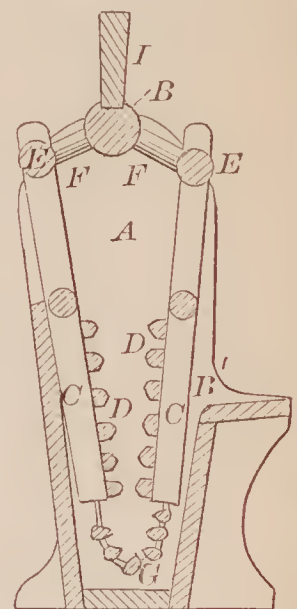
62570—L. A. Smith—*Sewing Horse.*



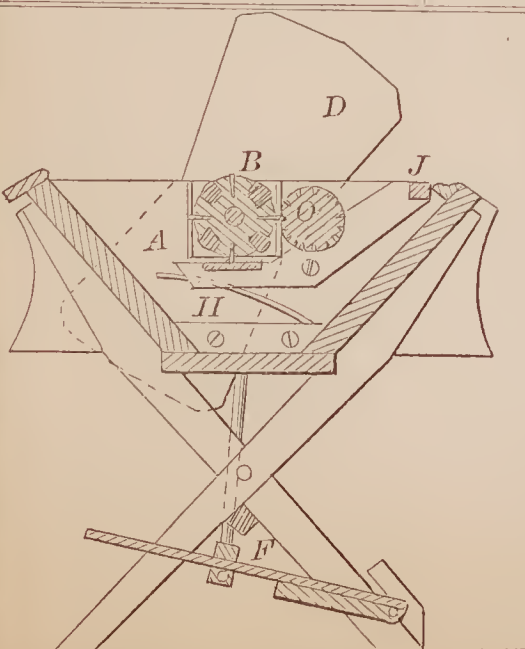
62574—T. R. Timby—*Hoe.*



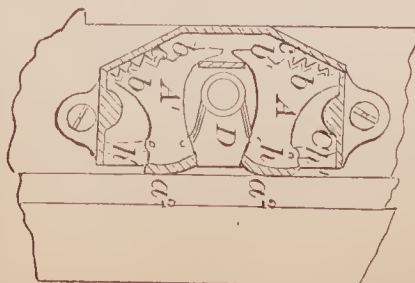
62571—J. Stengel—*Washing Machine.*



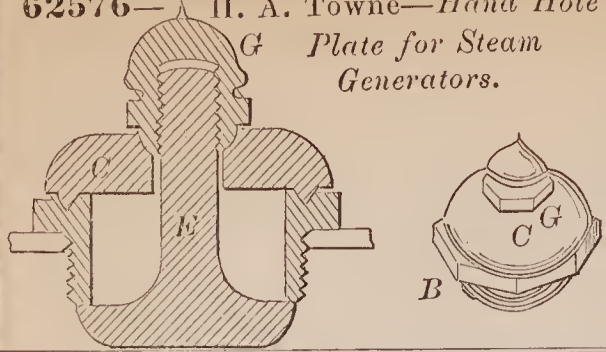
62573—J. Thompson—*Washing Machine.*



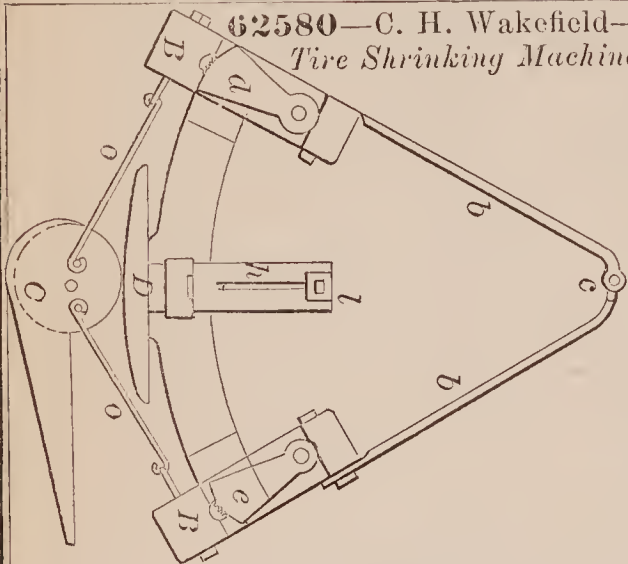
62575—J. B. Tinker—*Sash Lock.*



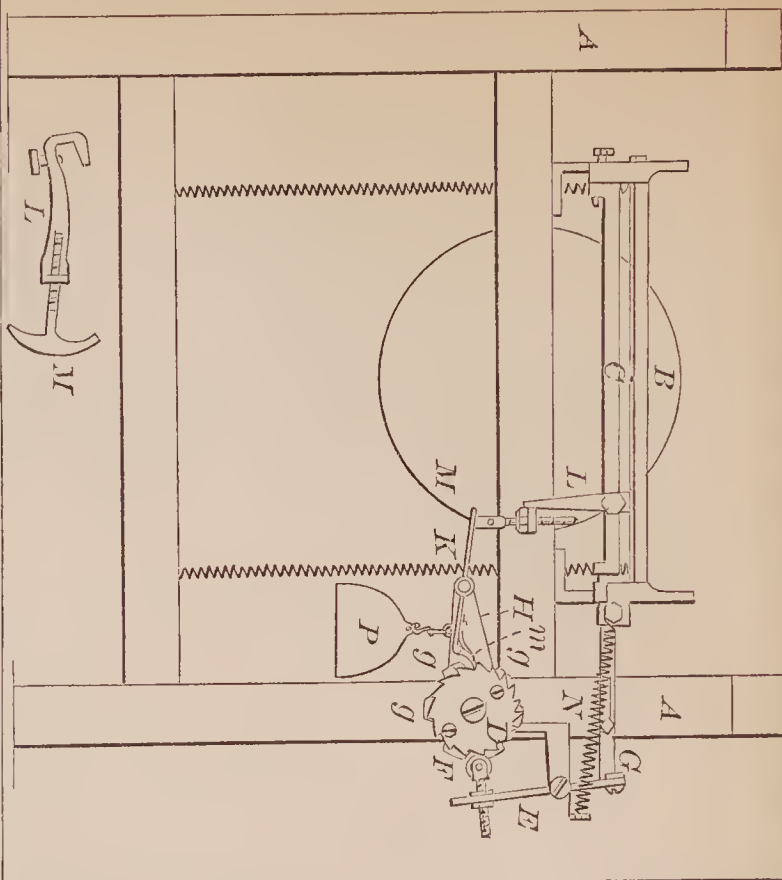
62576—H. A. Towne—*Hand Hole
G Plate for Steam
Generators.*



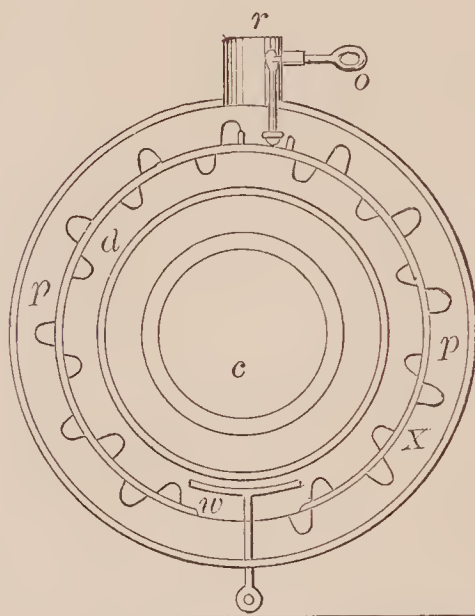
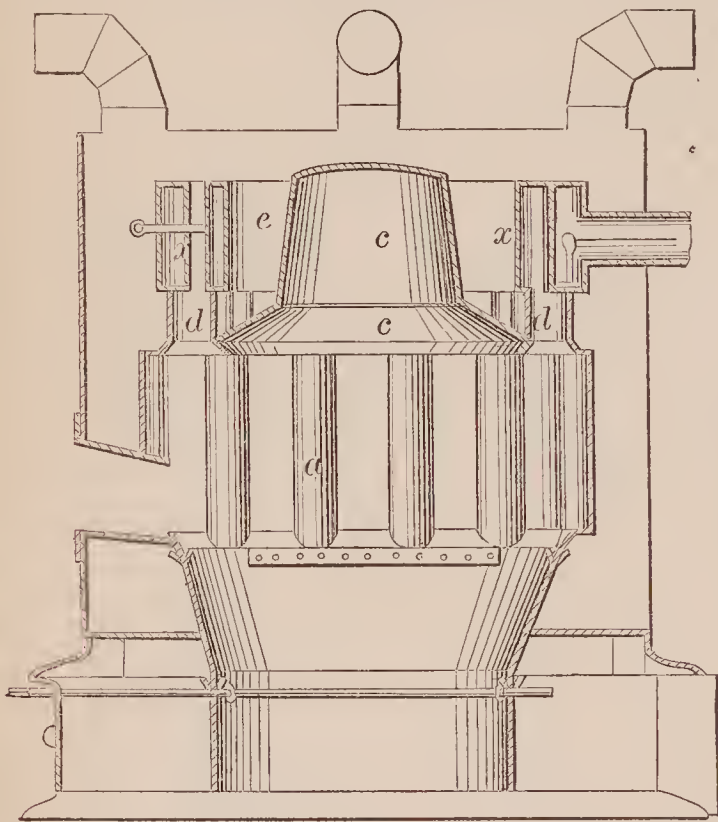
62580—C. H. Wakefield—*Tire Shrinking Machine.*



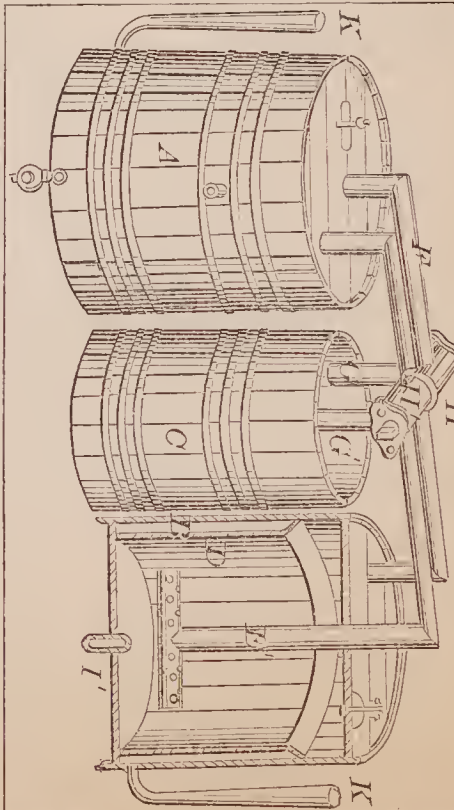
62579—B. Wainwright—*Rib Knitting Loom.*



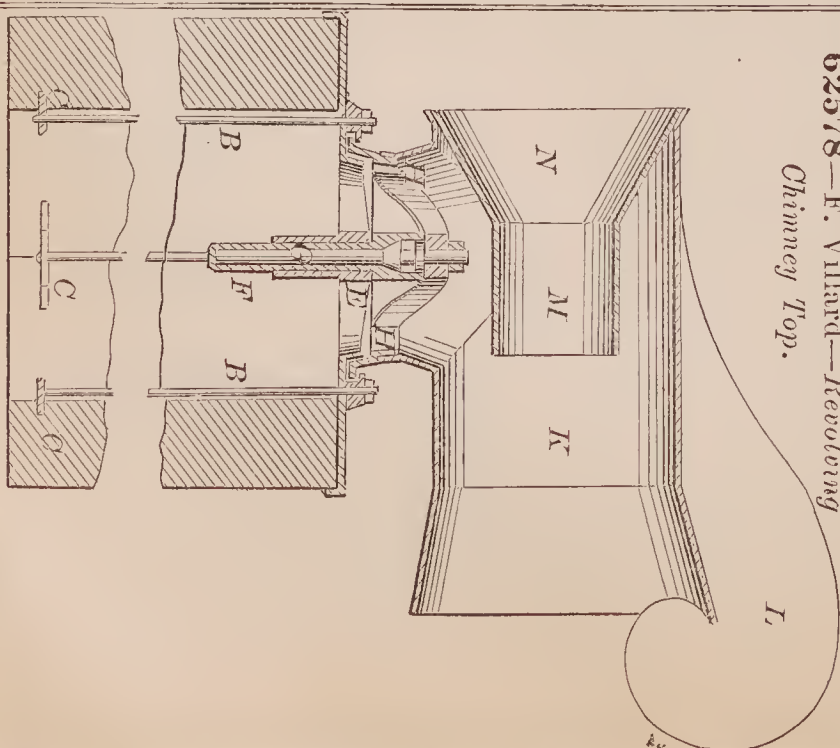
62577—C. W. Trotter—*Hot Air Furnace.*



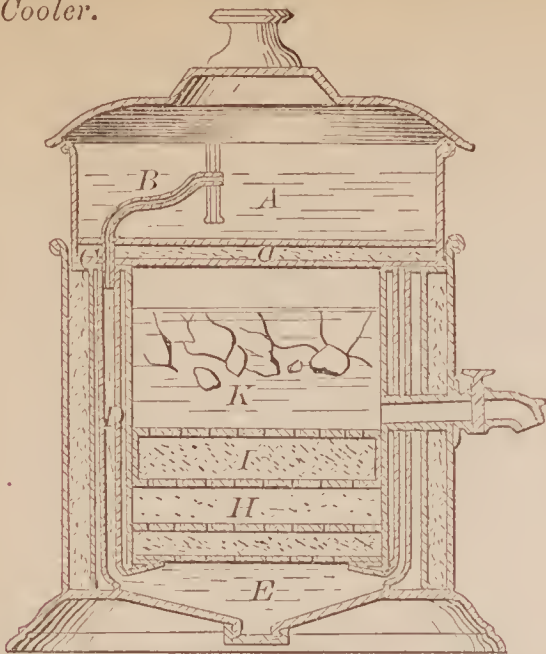
62581—G. Wallace—*For Fermenting Malt, &c.*



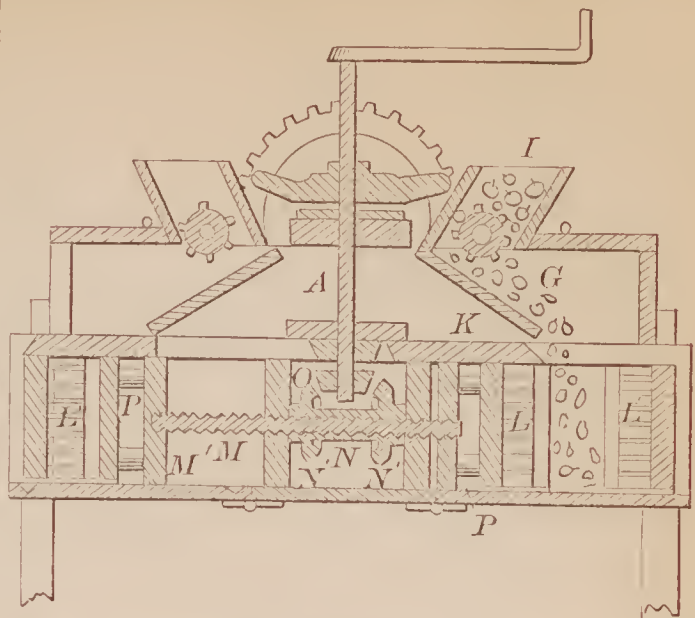
62578—F. Villard—*Revolving
Chimney Top.*



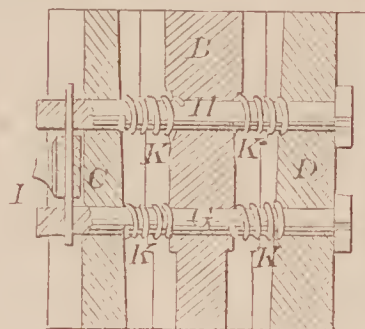
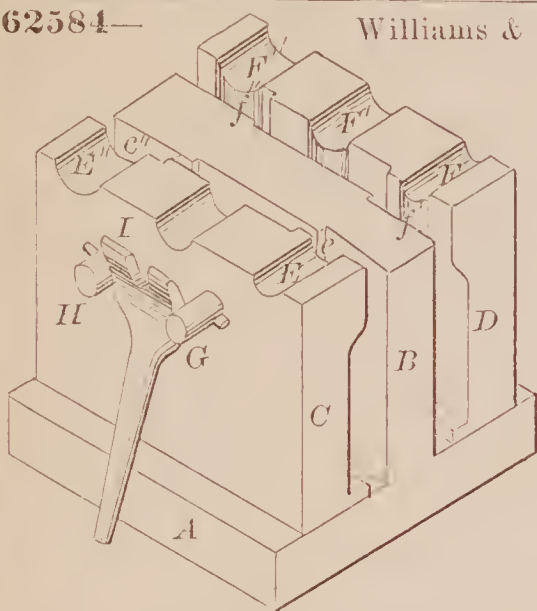
62582—J. C. Whitehill—*Filter and Cooler.*



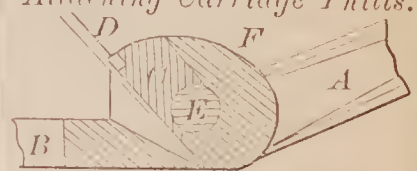
62585—L. Wilson—*Cider Mill.*



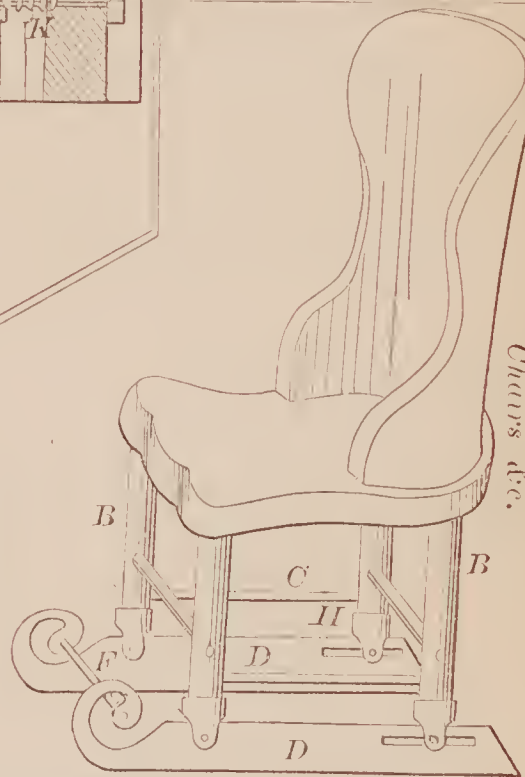
62584—Williams & Short—*Sewage.*



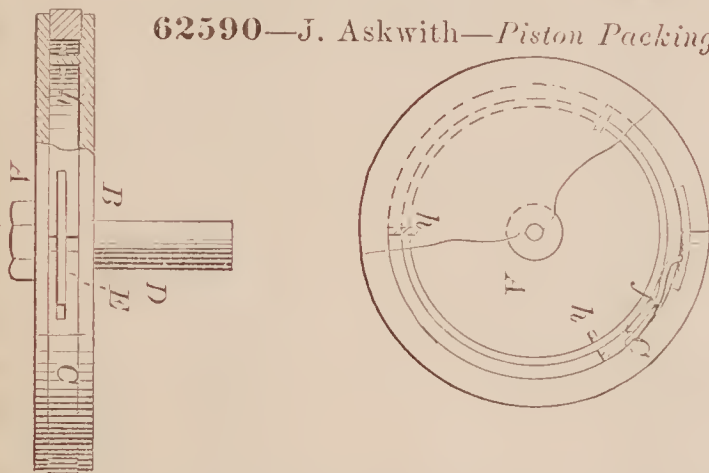
62586—T. H. Wood—*Attaching Carriage Thills.*



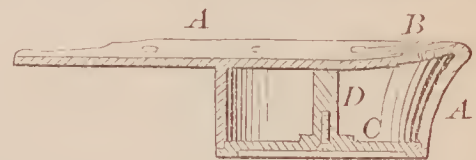
62589—A. Adamson—*Adjustable Runner for Chairs, &c.*



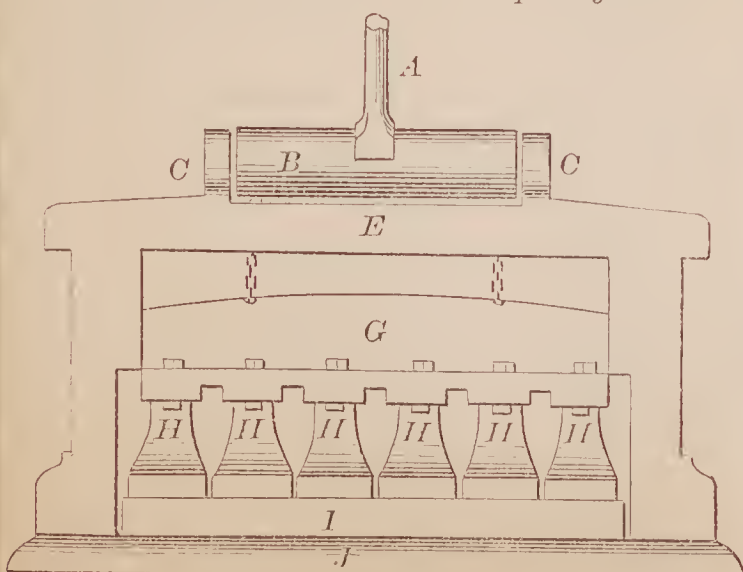
62590—J. Askwith—*Piston Packing.*



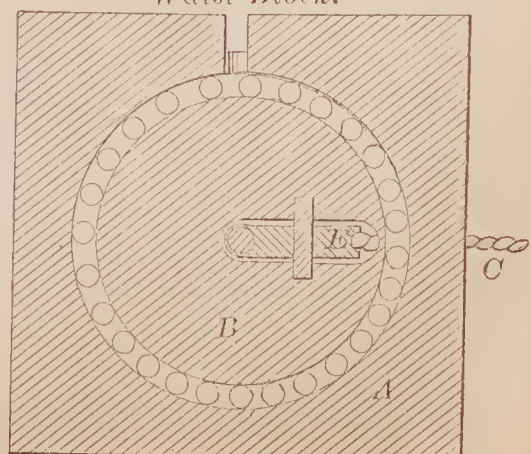
62587—J. C. Adams—*Boots and Shoes.*



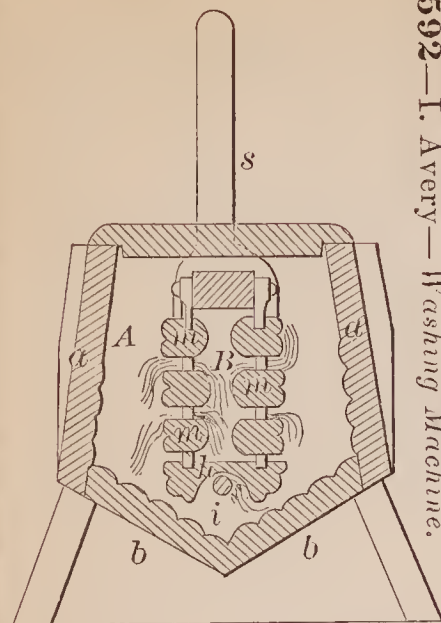
62591—E. C. Atkins—*Saw Tempering Machine.*



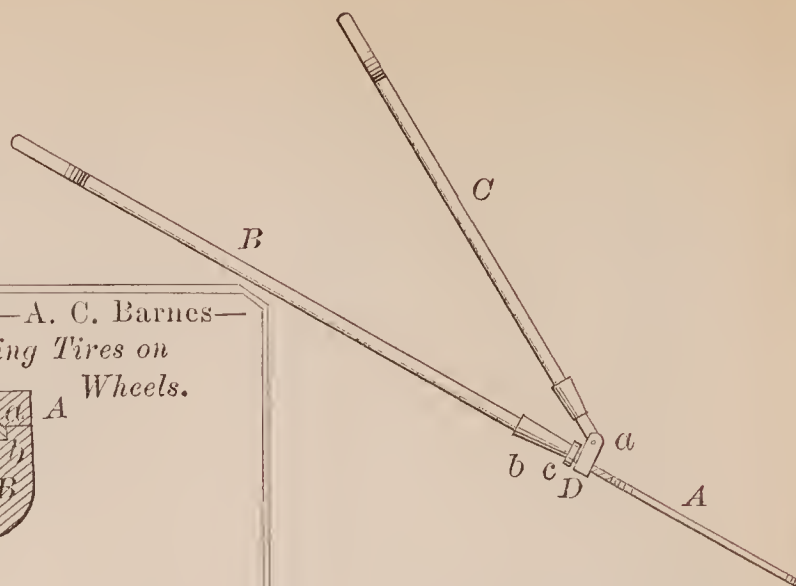
62588—W. T. Adams—*Revolving Waist Block.*



62592—I. Avery—Washing Machine.



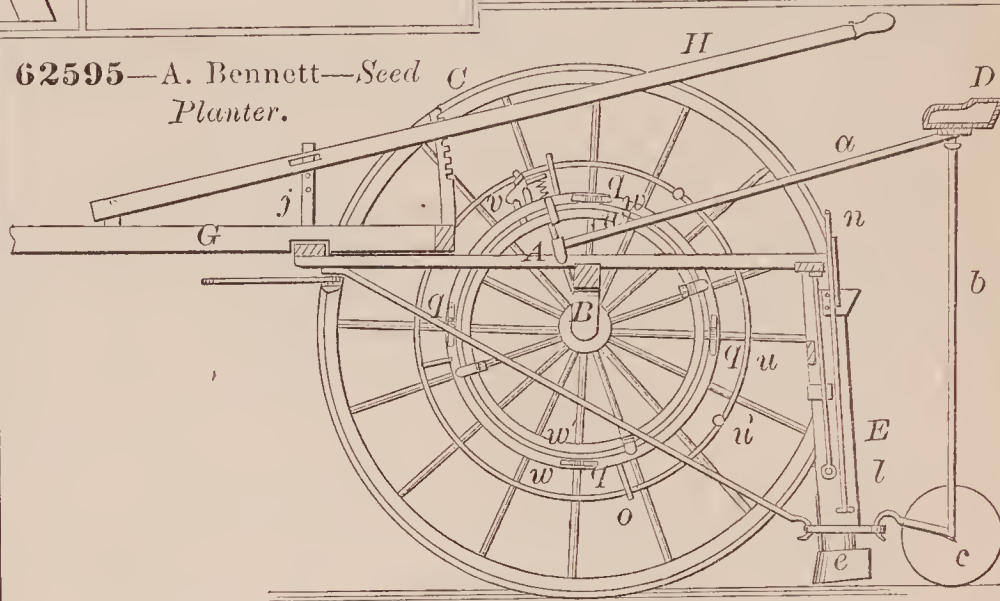
62594—T. Beale—Agricultural Fork.



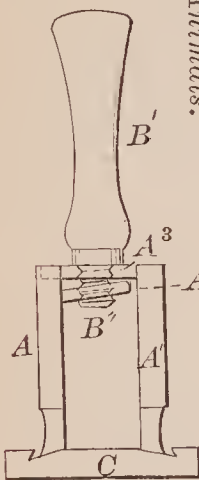
62593—A. C. Barnes—Securing Tires on Wheels.



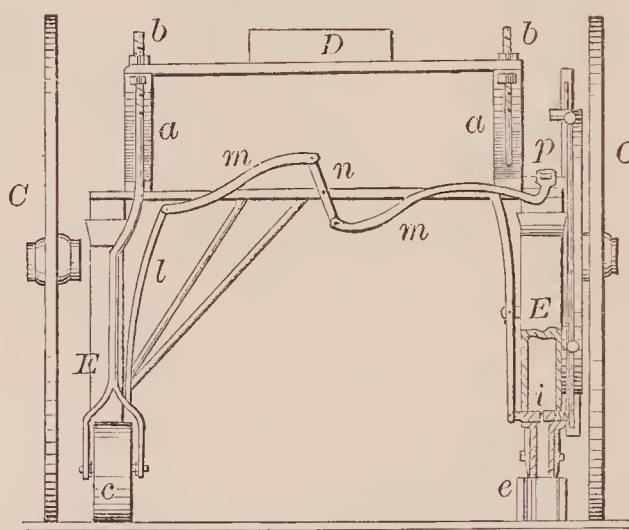
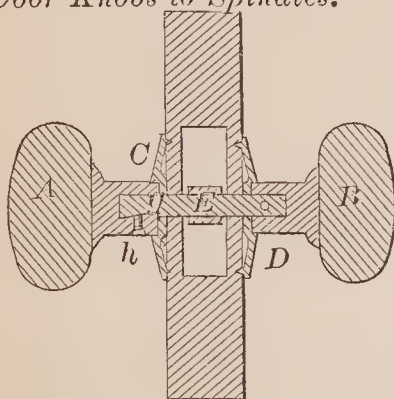
62595—A. Bennett—Seed Planter.



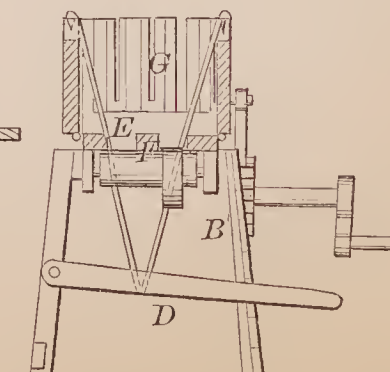
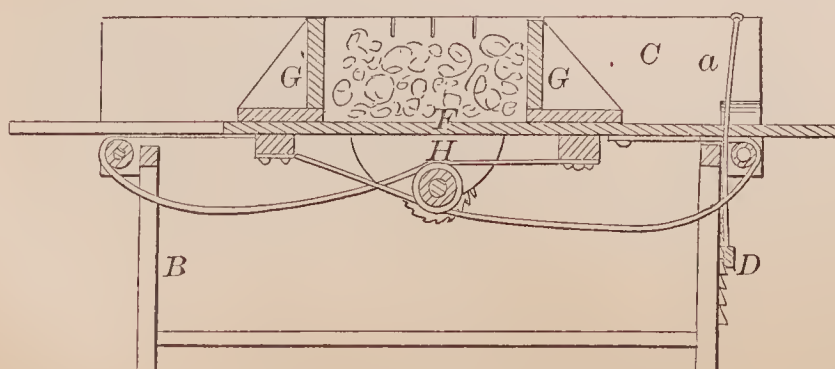
62596—J. S. Bodle—For Marking Animals.



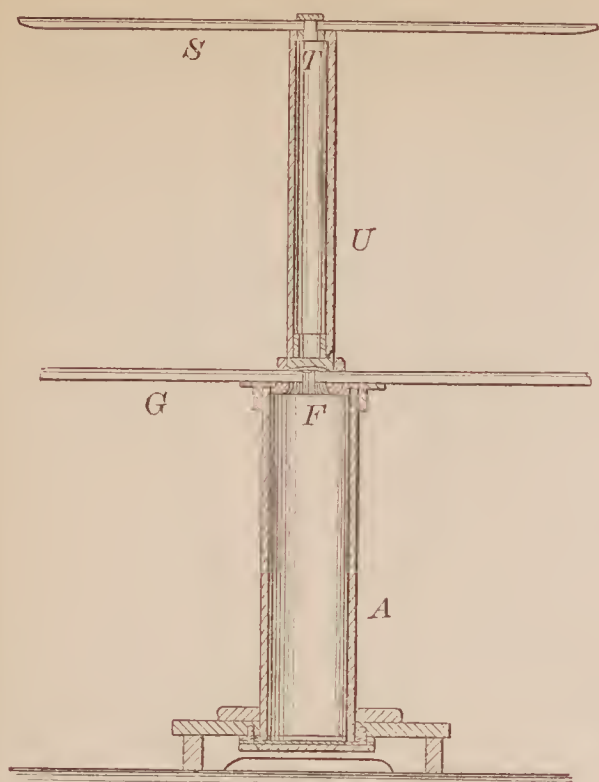
62599—C. B. Bristol—Attaching Door Knobs to Spindles.



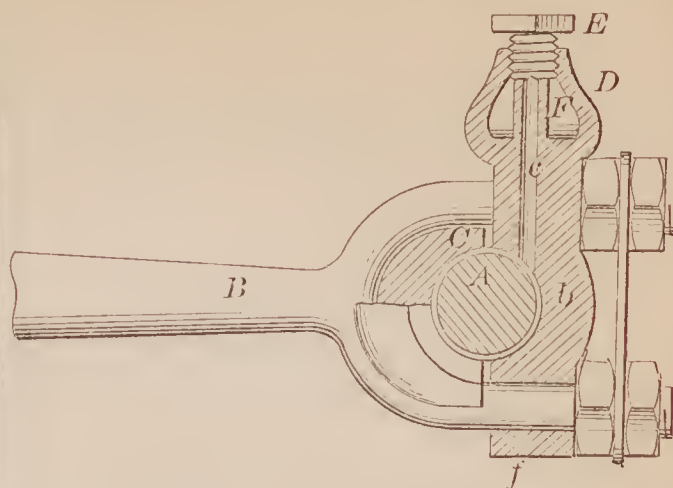
62597—S. C. Bond—Wool Press.



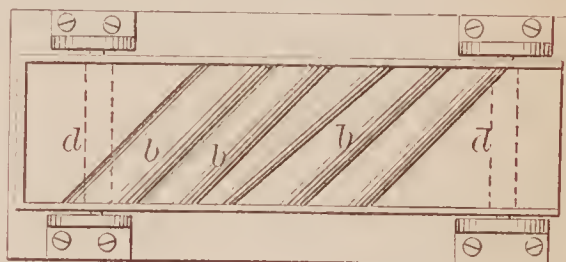
62600—B. Britten—*Clothes Dryer.*



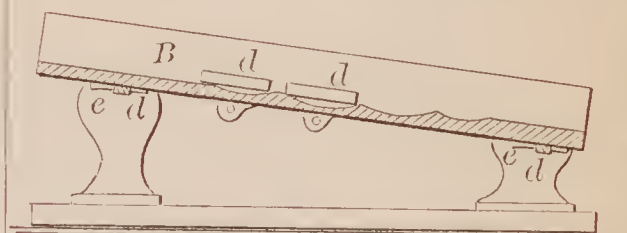
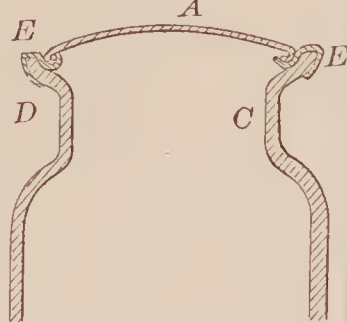
62601—T. S. Brown—*Lubricating Device.*



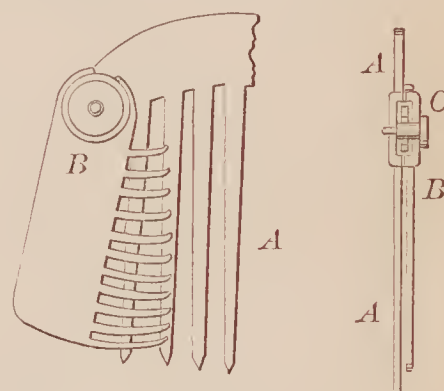
62602—P. S. Buckminster—*Shaking Table for Ores.*



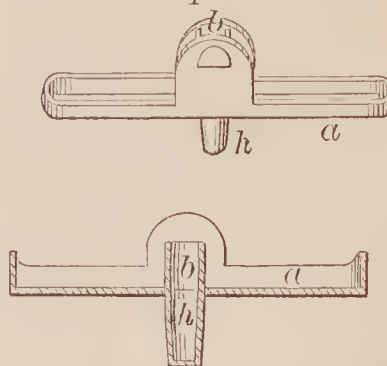
62603—
G. W. Buffington—*Fruit Jar.*



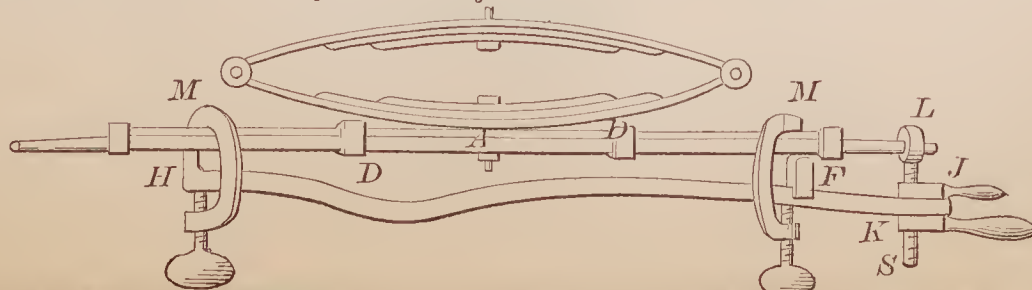
62606—F. A. L. Cassidey—*Comb.*



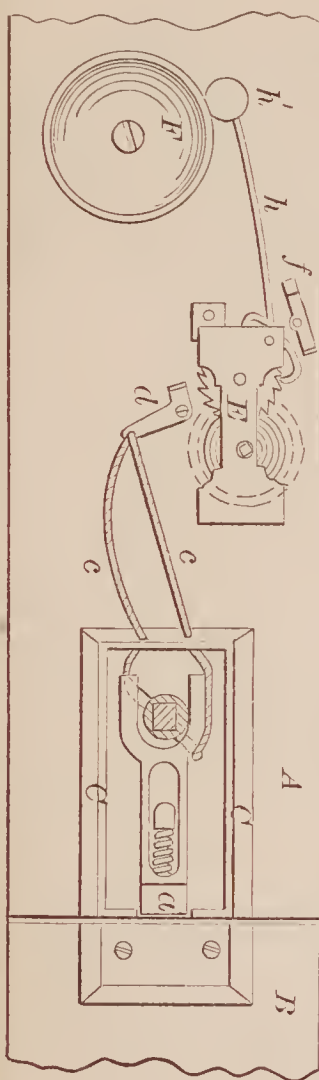
62608—G. R. Clarke—*Blind Slat Clasp and Pivot.*



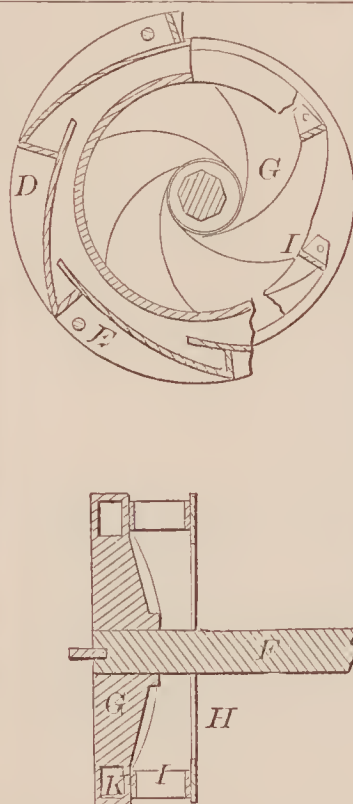
62607—J. Childs—*Carriage Axle Adjuster.*

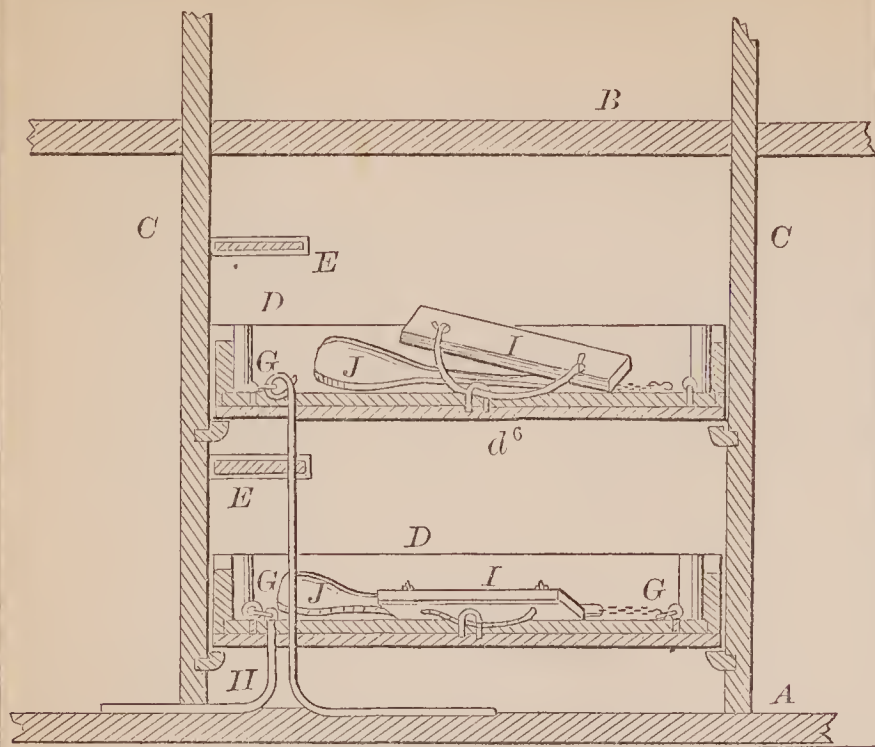
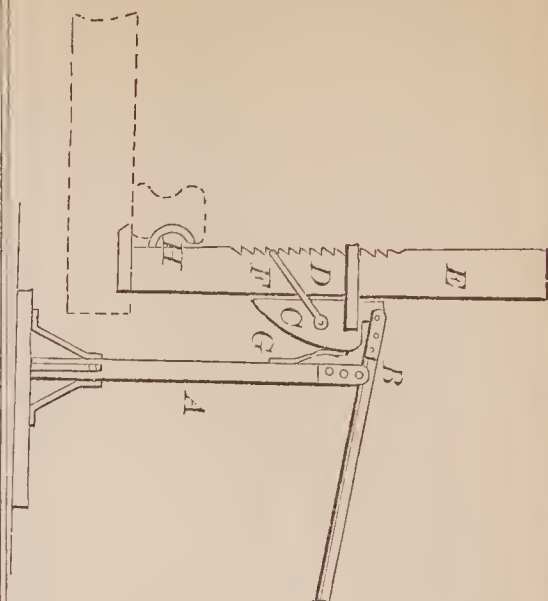
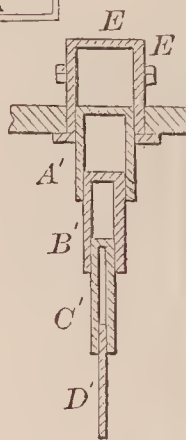
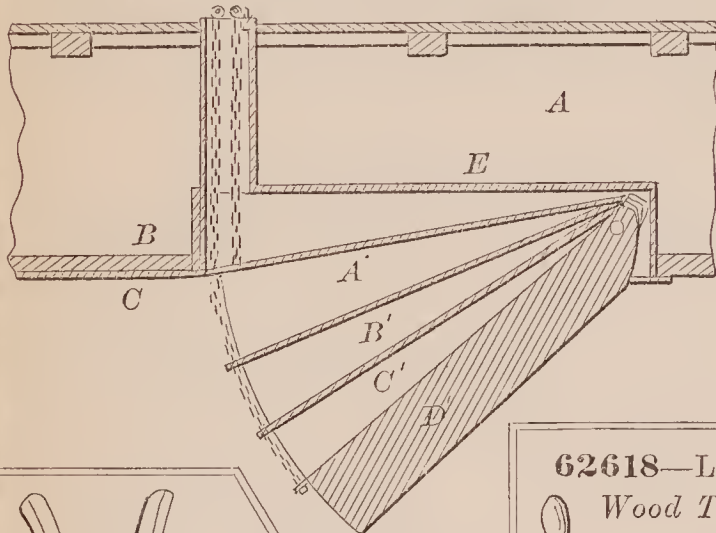
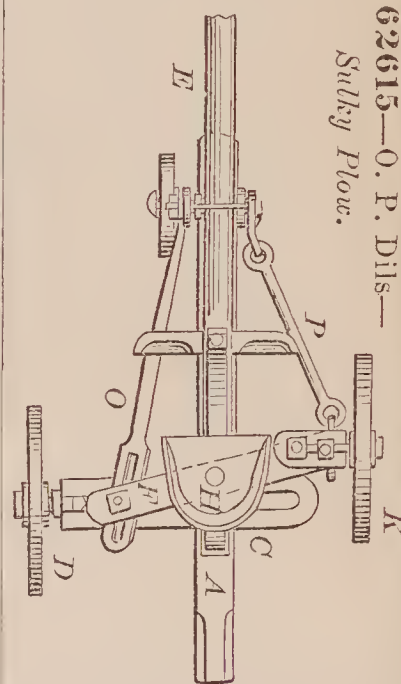
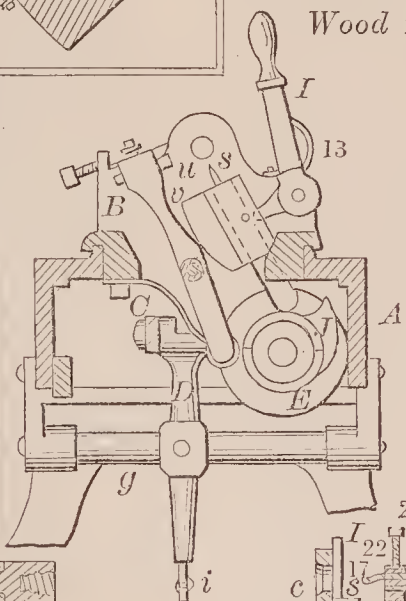
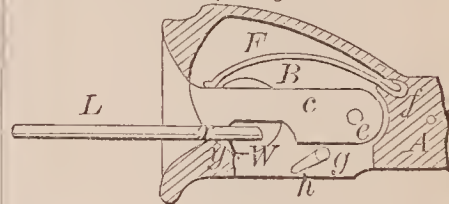
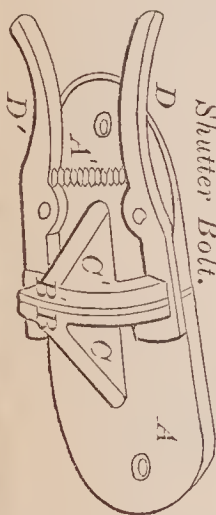
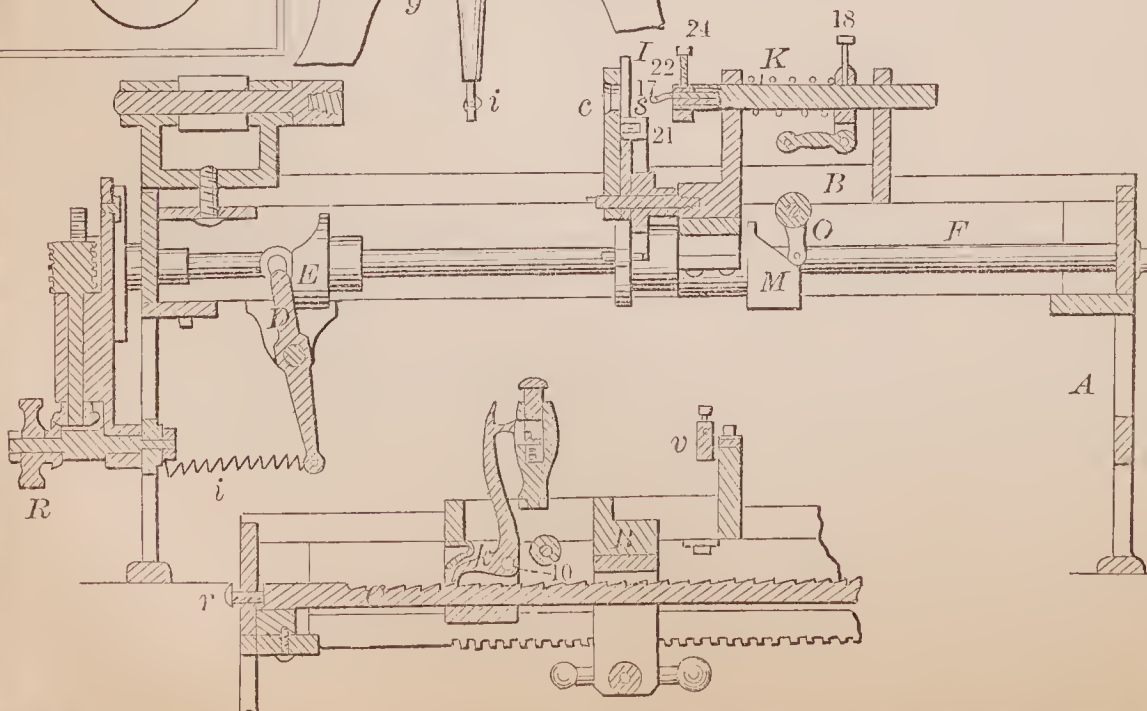


62604—R. Bunker—*Buglar Alarm.*

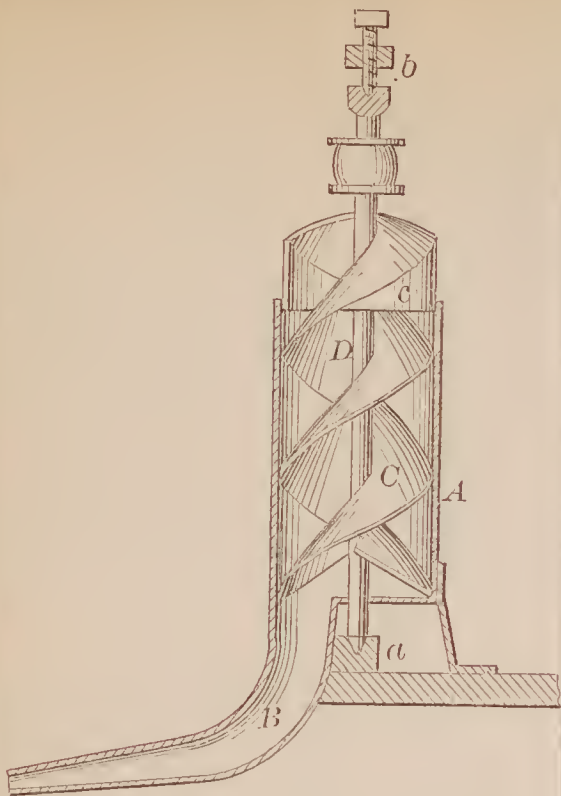


62605—M. Carpenter—*Water Wheel.*



62609—J. J. Clyde—*Life Preserving Berth.*62616—D. Diver—*Lifting Jack.*62614—W. F. Davis—*Vessel Centre Board.*62615—O. P. Dils—*Sulky Plow.*62618—L. H. Dwelley—*Wood Turning Lathe.*62613—R. A. Cowell—*Car Coupling.*62617—B. K. Dorwart—*Shutter Bolt.*62610—J. Coleman—*Cotton Bale Tie.*

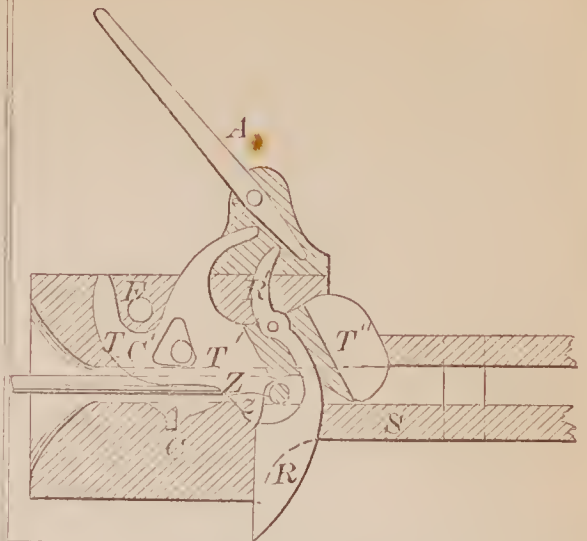
62620—F. Engel—*Blower.*



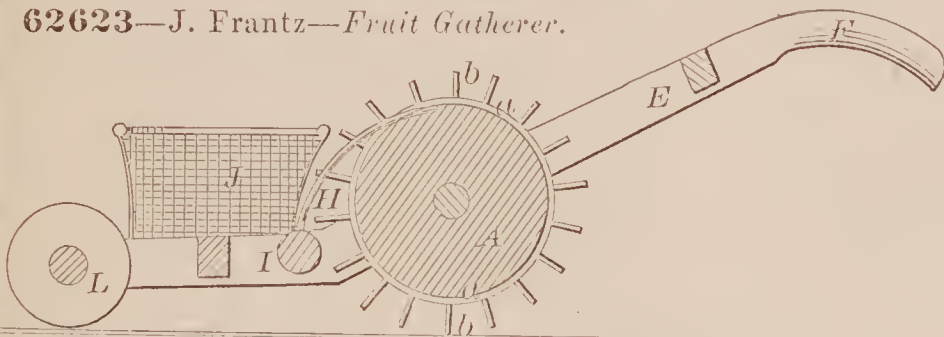
62626—J. W. Gardner—*Attaching Handles to Table Cutlery.*



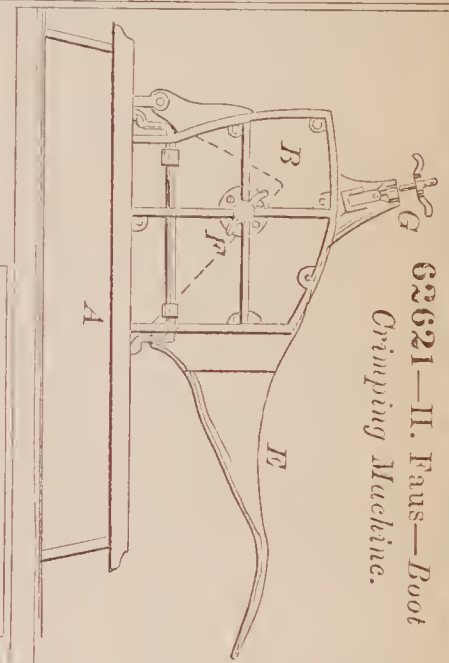
62625—M. Gally—*Car Coupling.*



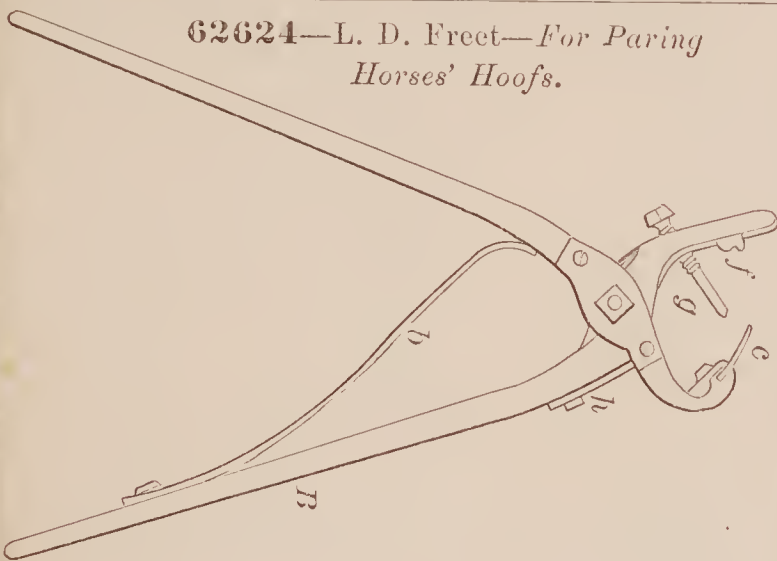
62623—J. Frantz—*Fruit Gatherer.*



62621—H. Faus—*Boot Crimping Machine.*



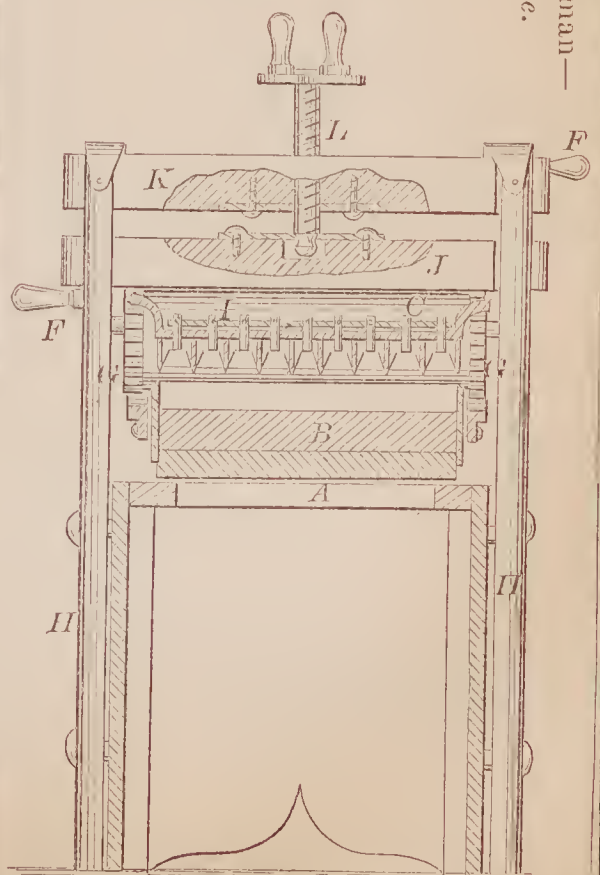
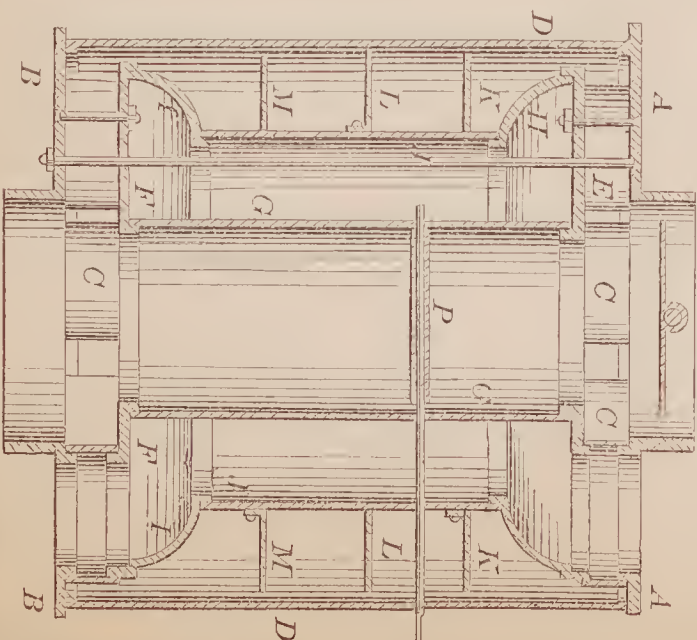
62624—L. D. Freet—*For Paring Horses' Hoofs.*

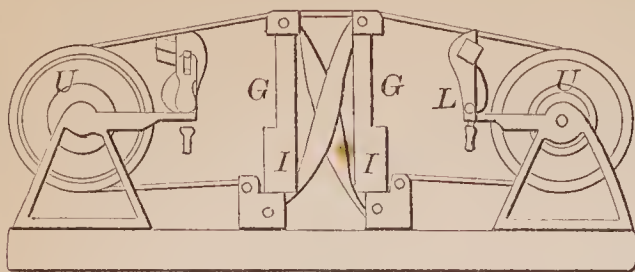
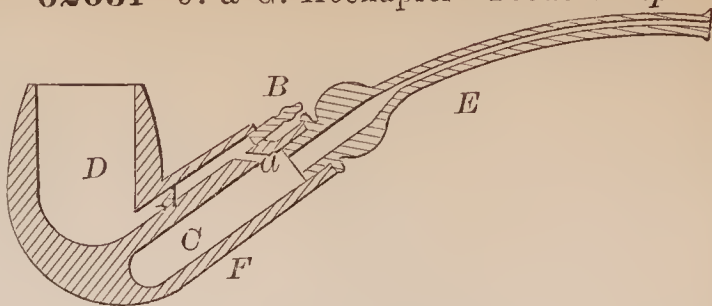
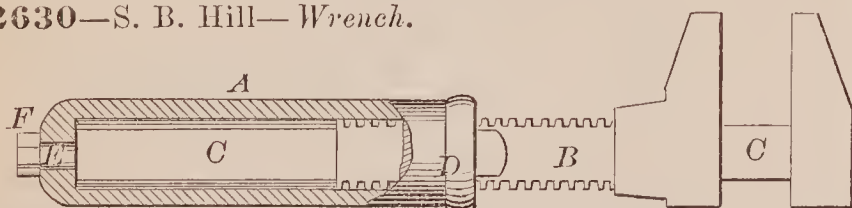
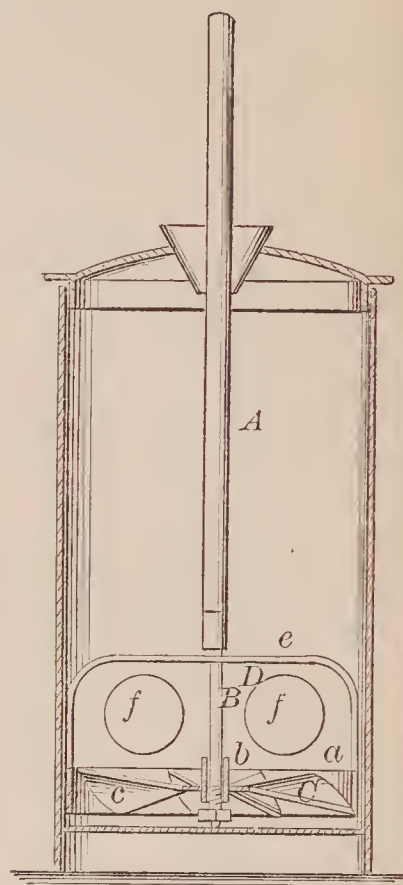
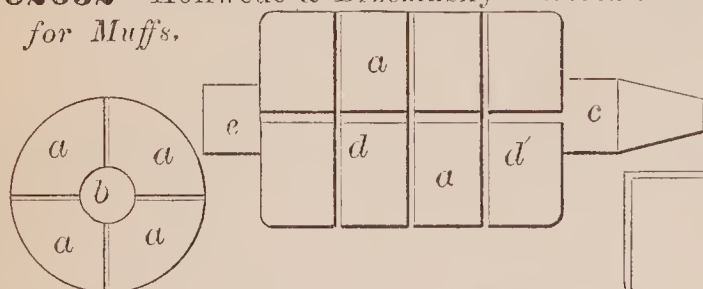
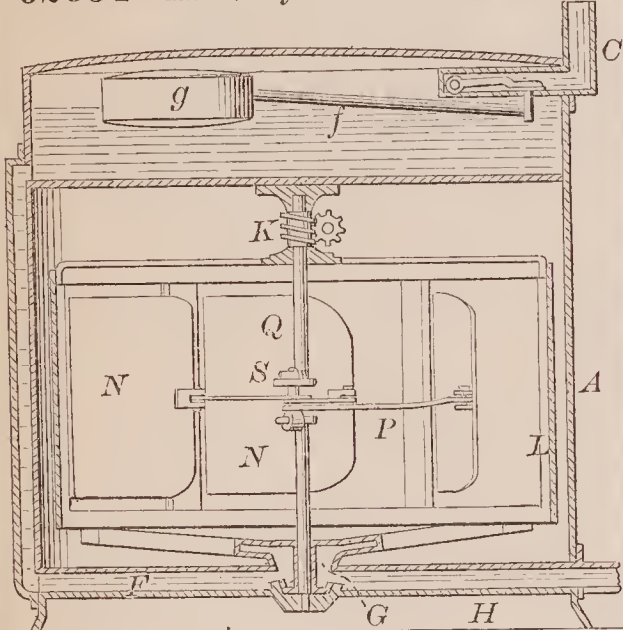
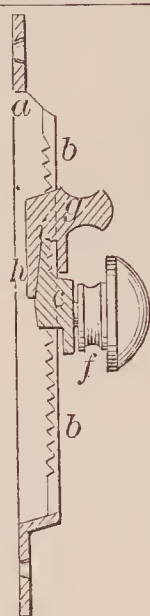
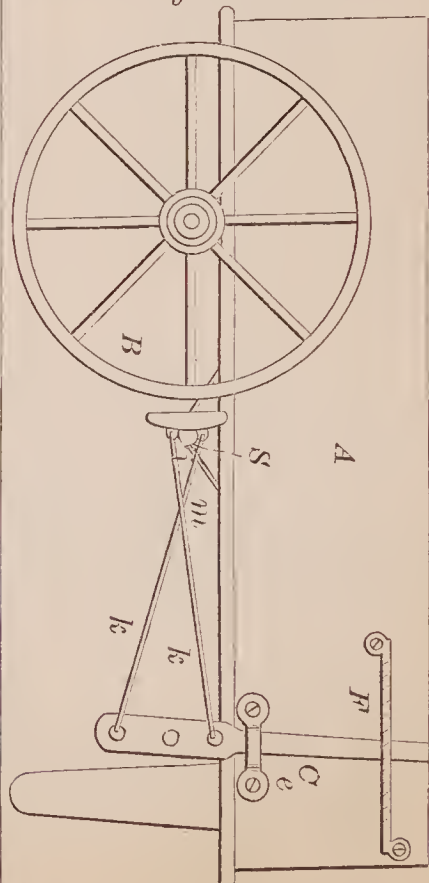
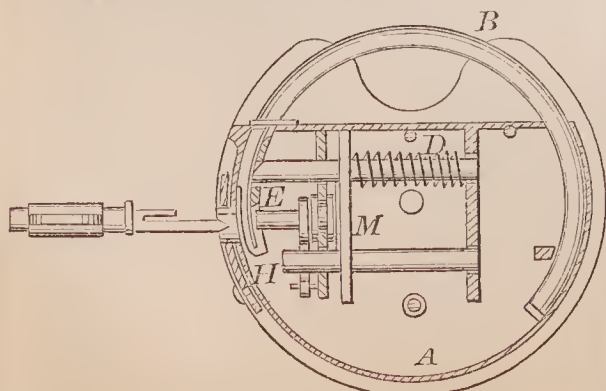


62628—C. C. Harriman—*Corn Cake Machine.*

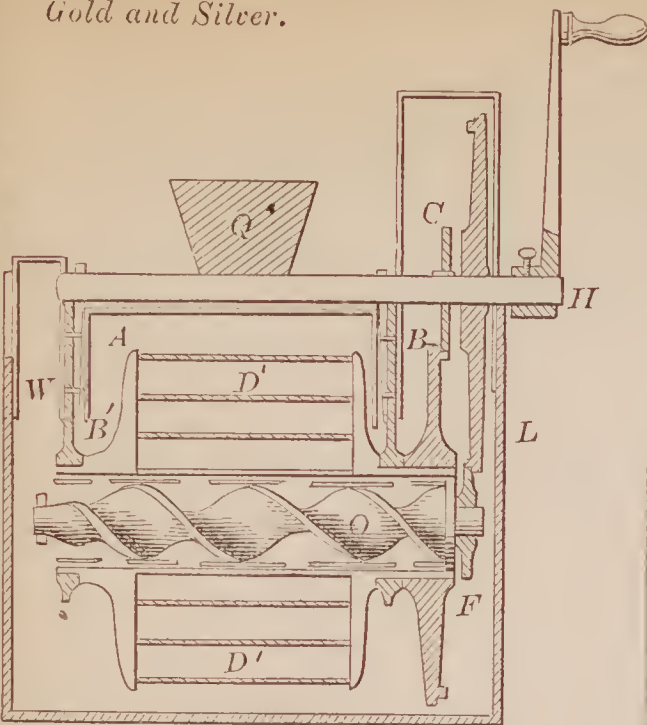


62627—G. H. Hammond—*Stove Pipe Drum.*

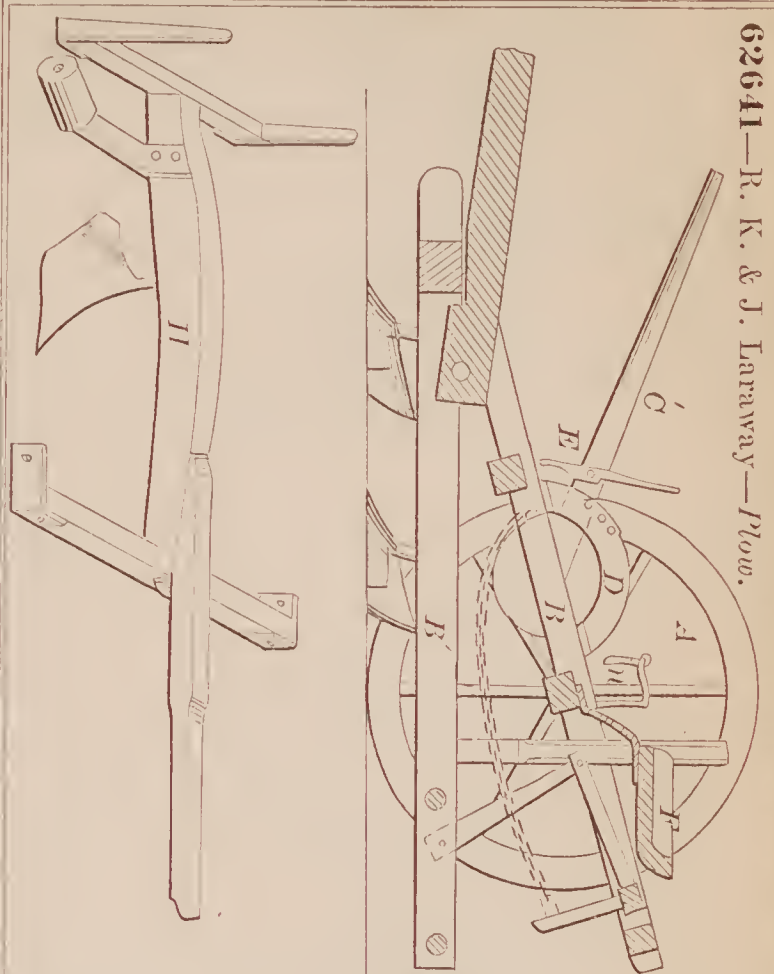


62629—G. Healy—*For Peeling Willow.*62631—J. & G. Hochapfel—*Tobacco Pipe.*62630—S. B. Hill—*Wrench.*62633—A. B. Hutchins—*Churn Dasher.*62632—Hellwede & Brzezinsky—*Block Former for Muffs.*62634—H. J. Hyams—*Water Meter.*62635—E. M. Judd—*Curton Fixture.*62638—Kirkman & Gray—*Wagon Brake.*62636—Z. Kelley—*Sealing Padlock.*62637—W. H. Kellogg—*Gate Latch.*

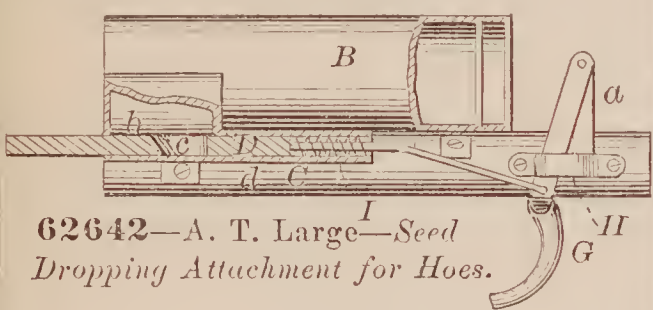
62639—M. Laffin—*For Amalgamating Gold and Silver.*



62640—E. G. Lamson—*Table Fork.*

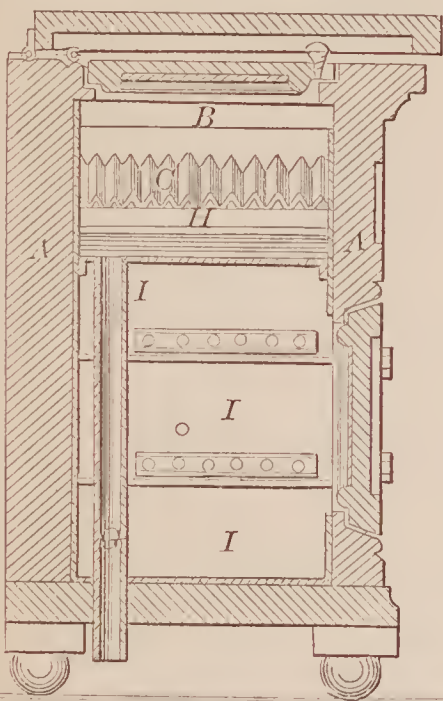


62641—R. K. & J. Larnway—*Plow.*

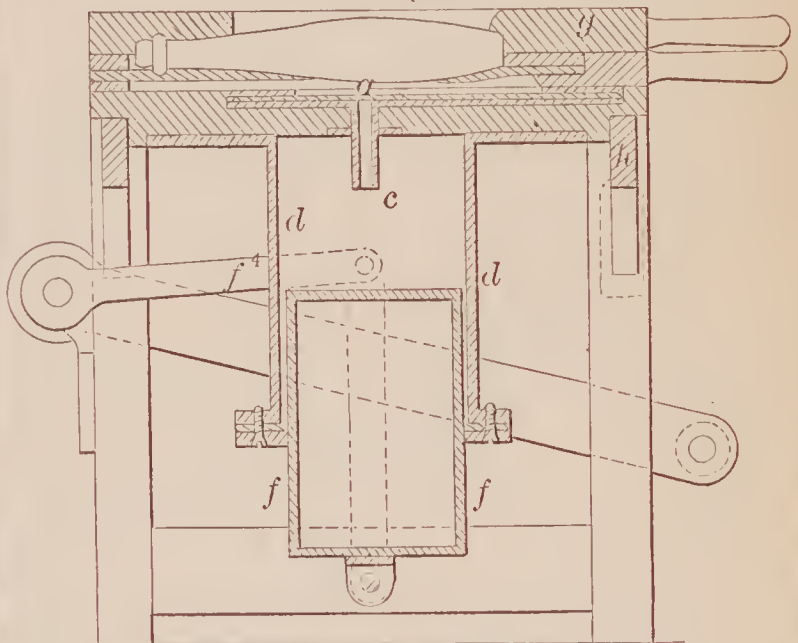


62642—A. T. Large—*Seed Dropping Attachment for Hoes.*

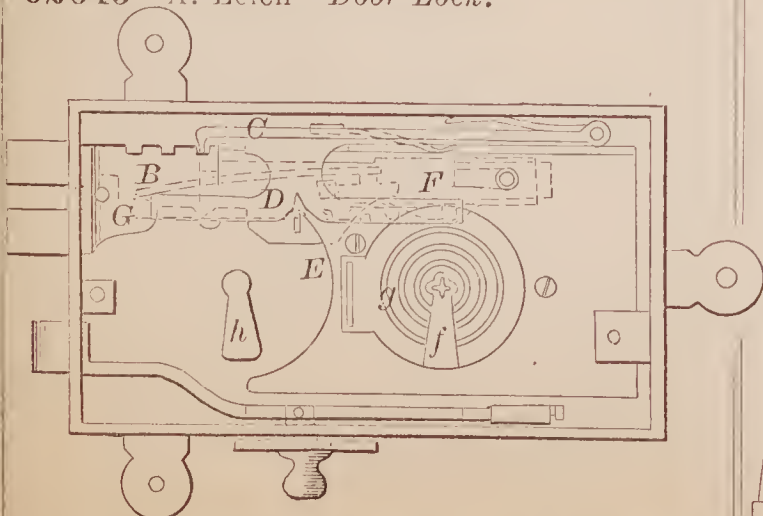
62643—W. Law—*Refrigerator.*



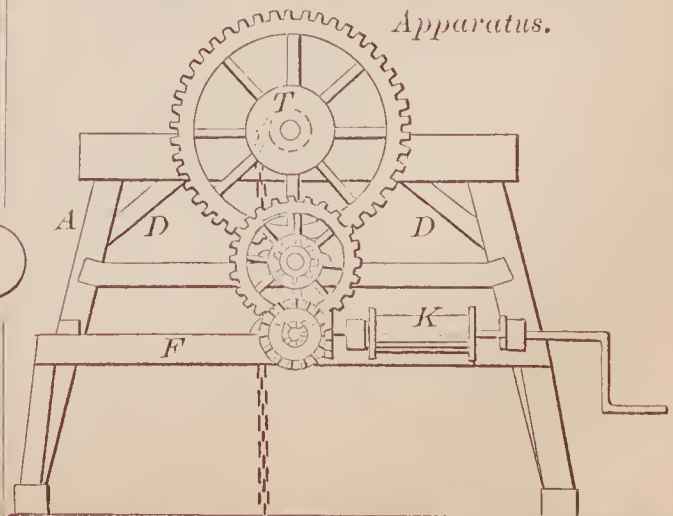
62646—A. Leighton—*For Printing on Uneven Surfaces.*

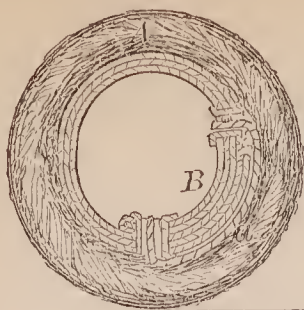
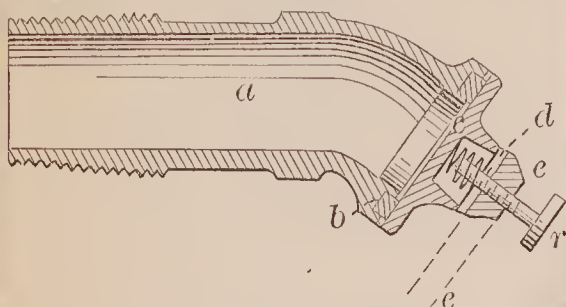
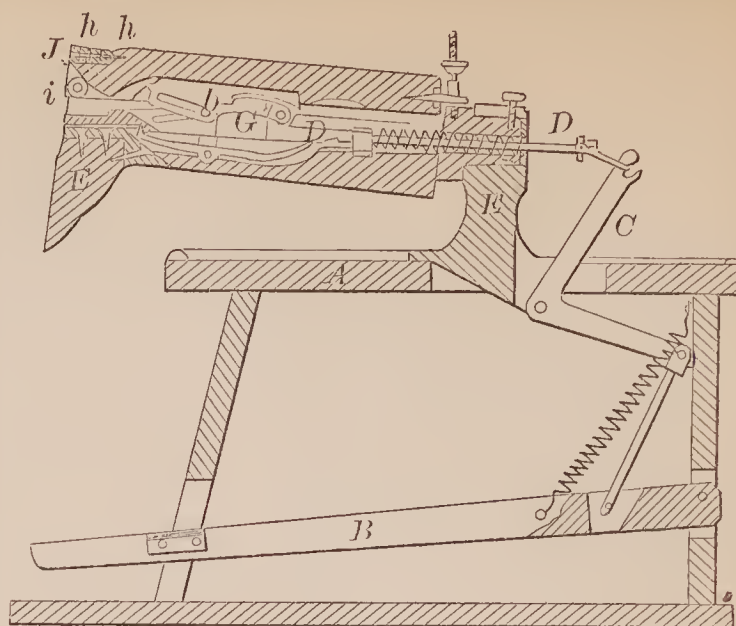
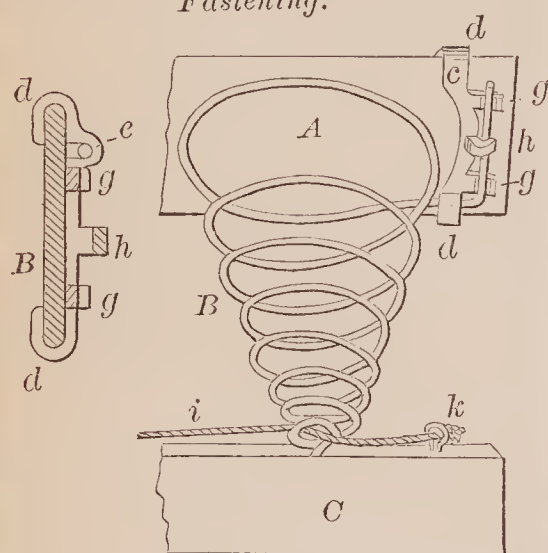
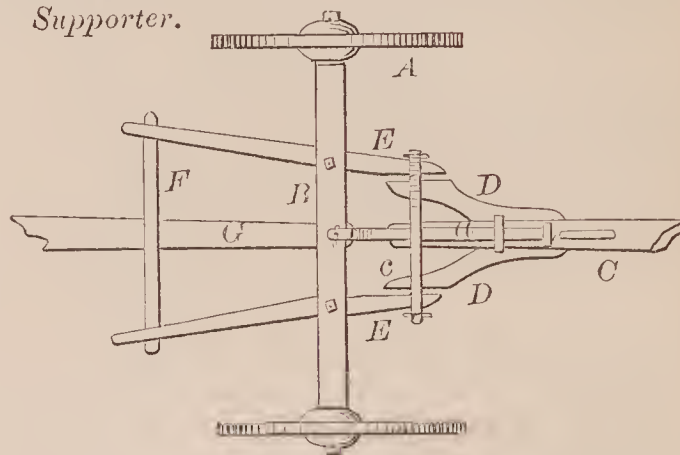
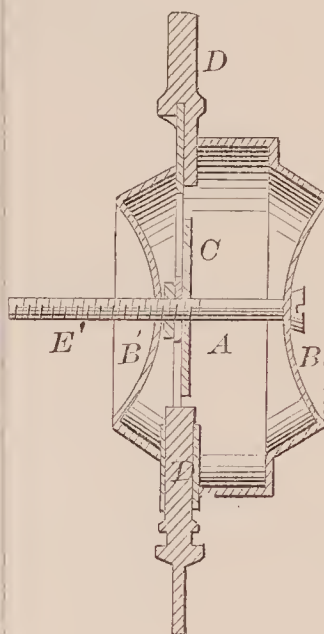
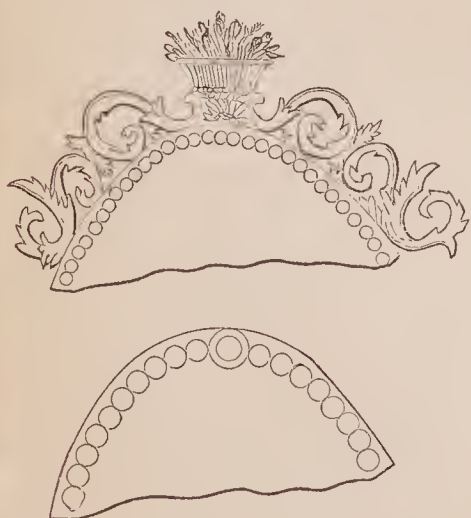
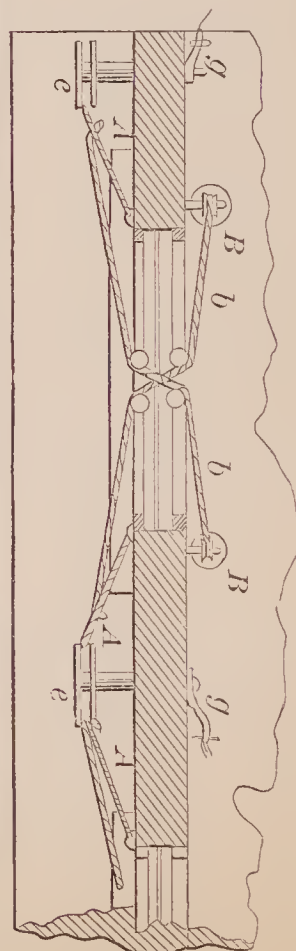
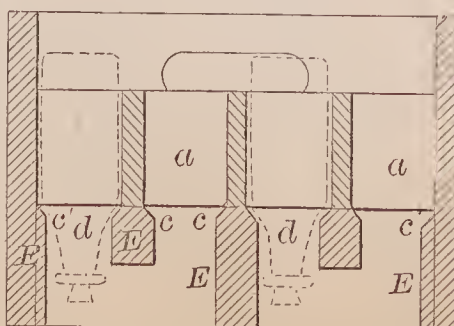


62645—A. Leich—*Door Lock.*

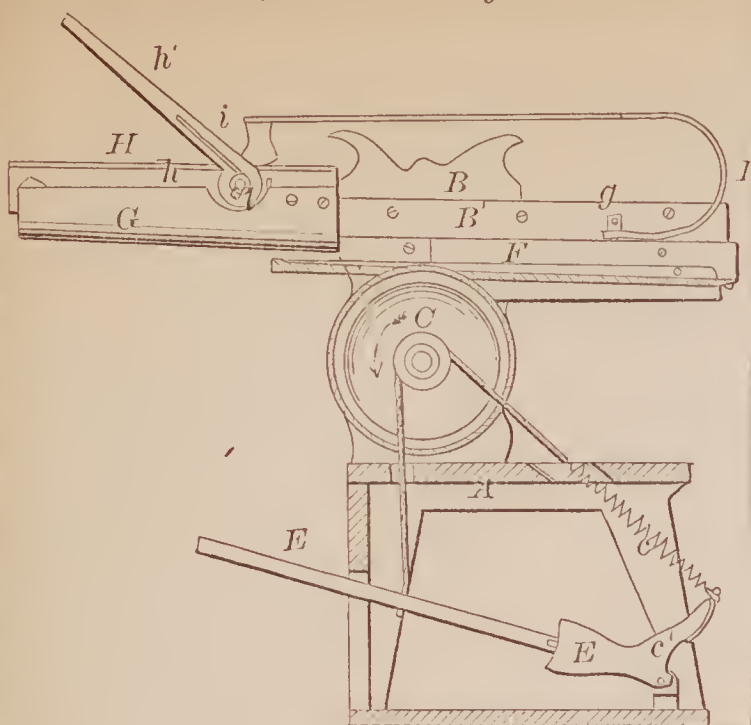


62647—A. R. Lemmon—*Hoisting Apparatus.*

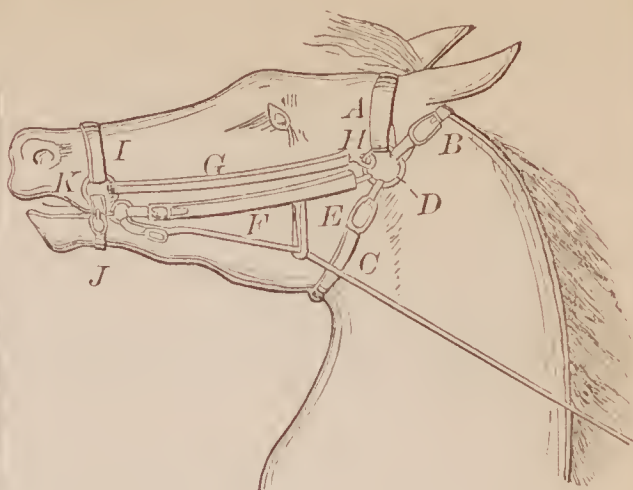


62648—I. Levine—*Cuff*.62652—T. Mace—*Molasses Gate*.62649—R. L. Lewis—*Boot Tree*.62653—D. Manuel—*Bed Spring Fastening*.62651—Higley & Toothaker—*Wagon Tongue Supporter*.62654—T. C. March—*Ornamenting Mirrors*.62655—M. S. Marshall—*Stove Pipe Damper*.62656—W. C. Marshall—*Blind Fastening*.62658—J. Matthews—*Box for Holding Bottles*.62657—C. F. Martine—*Lamp Wick*.

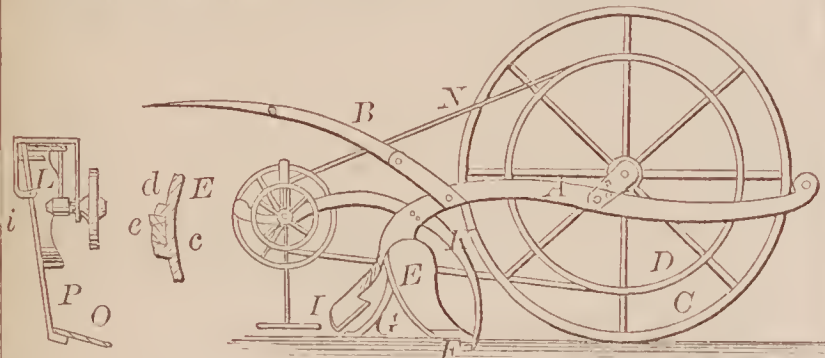
62659—W. May—For Pressing Leather Seams.



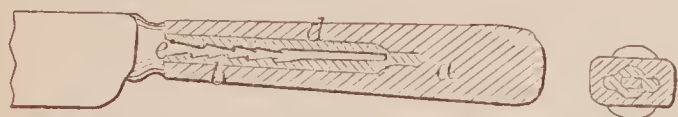
62662—J. McKibben—Bridle and Halter.



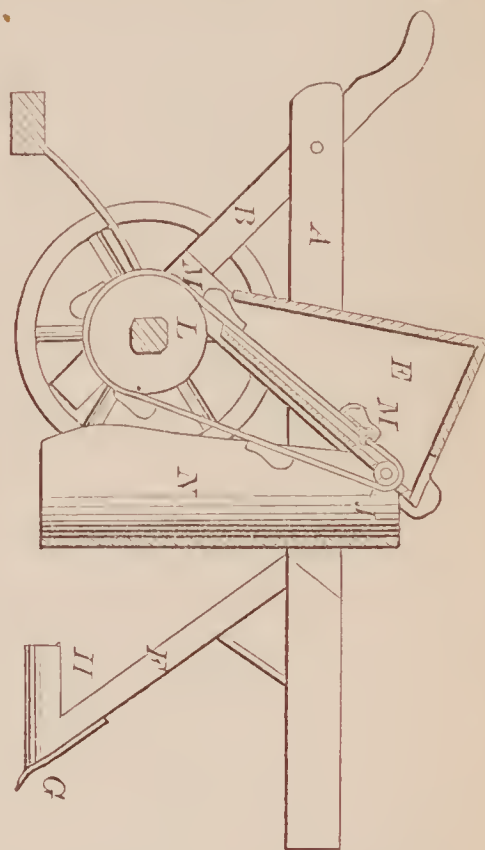
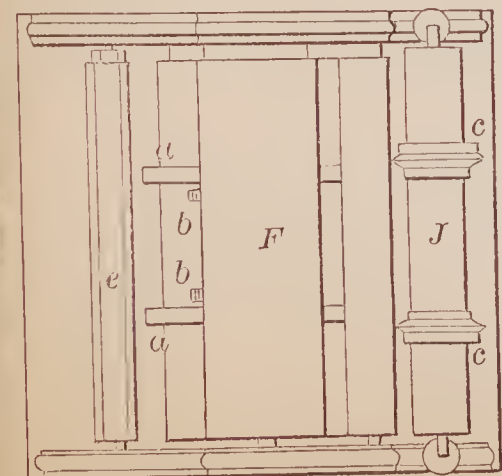
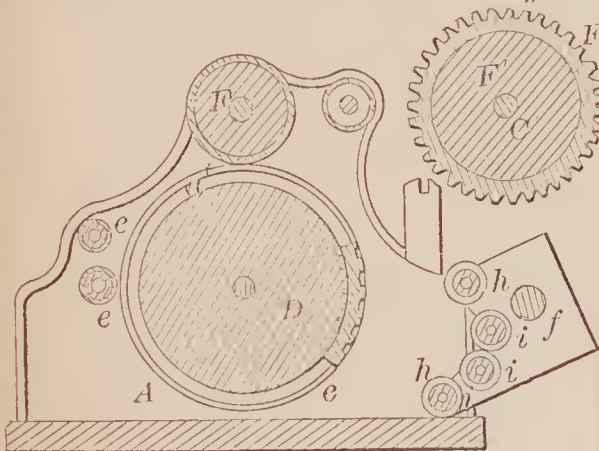
62660—W. McCracken—Cotton Cultivator.



62661—T. McGrah—Cutlery.

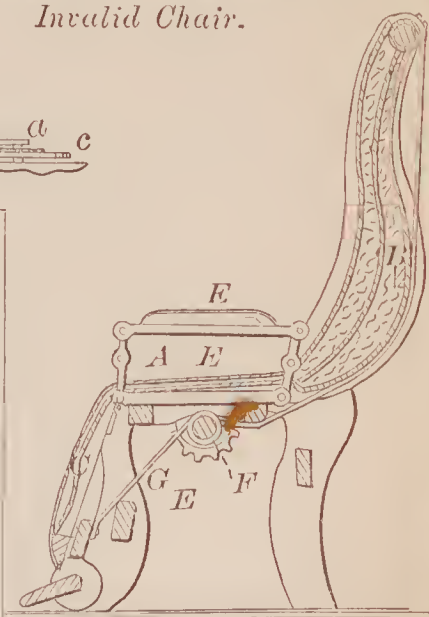


62666—I. L. Miles—For Printing on Glass.

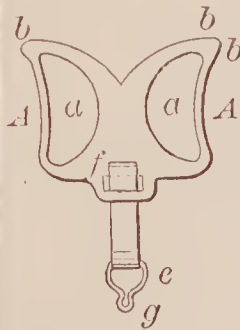


62664—Merrymon & Dunn—Cotton Seed Planter.

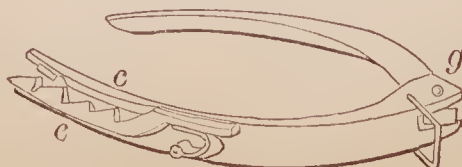
62663—J. N. McMullen—Invalid Chair.



62665—J. C. Merritt—Neck Tie Retainer.



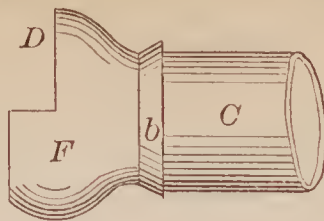
62667—L. Morehouse—Bag Tie.



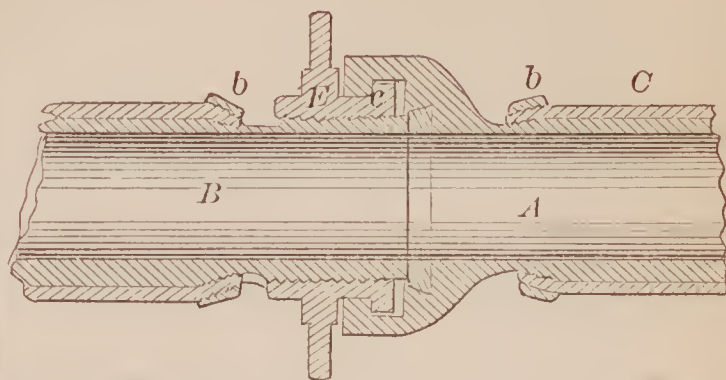
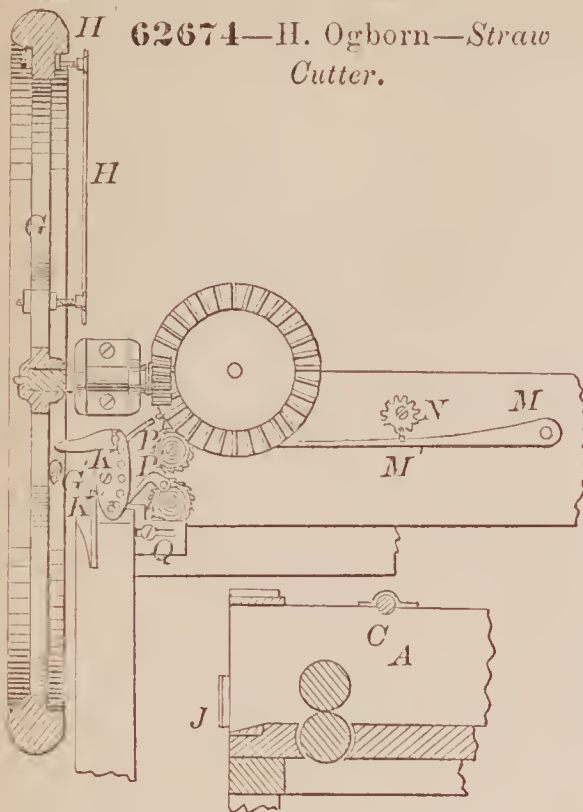
62673—G. Nimmo—*Sash Supporter.*



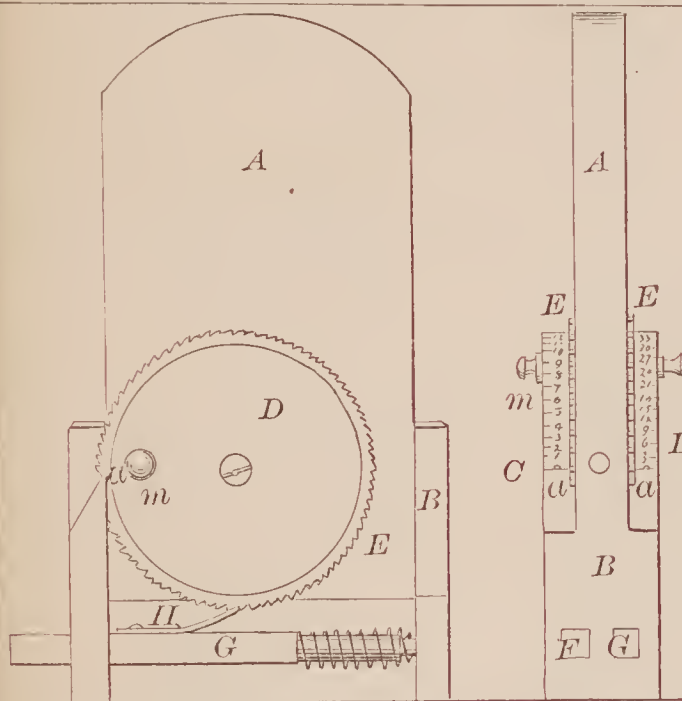
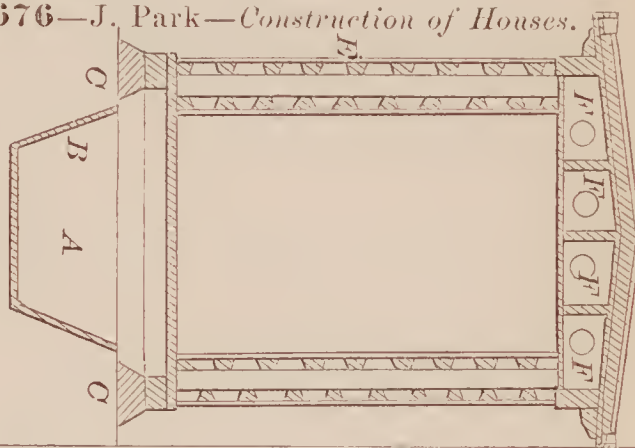
62675—Osbourne & Massey—*Hose Coupling.*



62674—H. Ogborn—*Straw Cutter.*

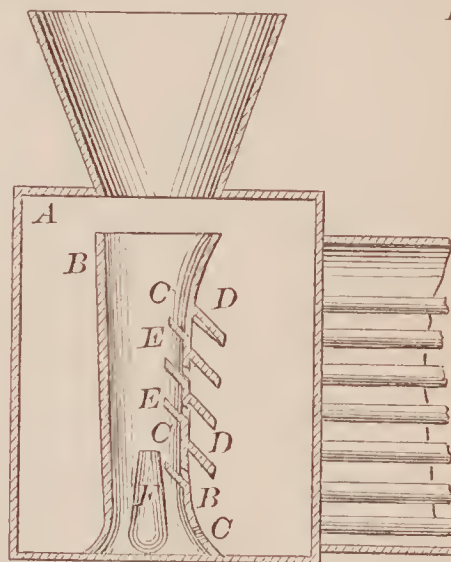


62676—J. Park—*Construction of Houses.*

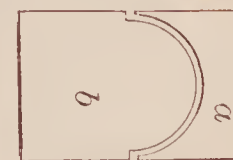
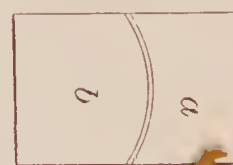
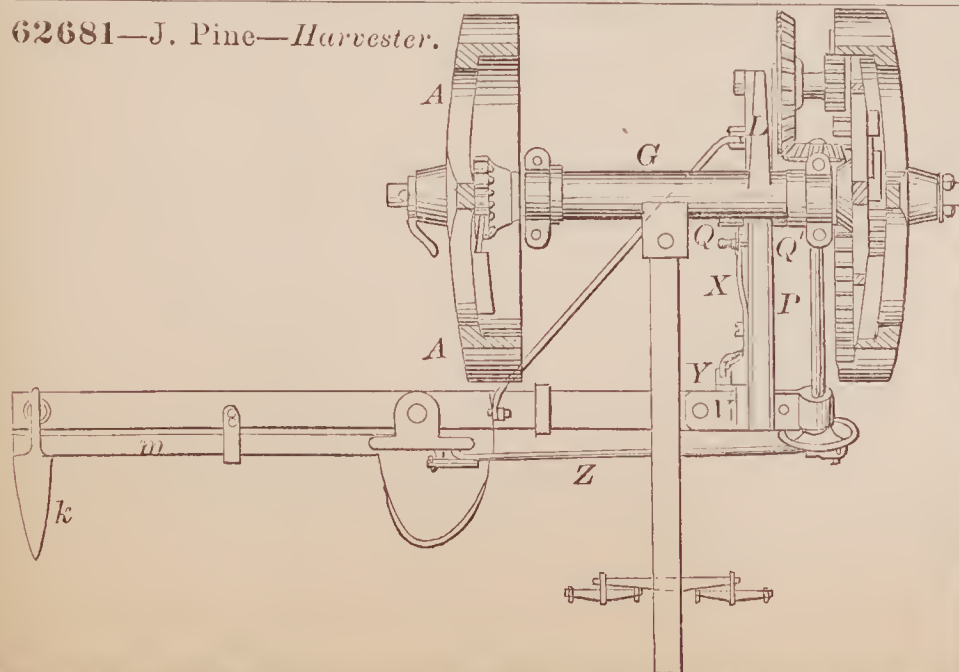


62677—V. Parks—*Adding Machine.*

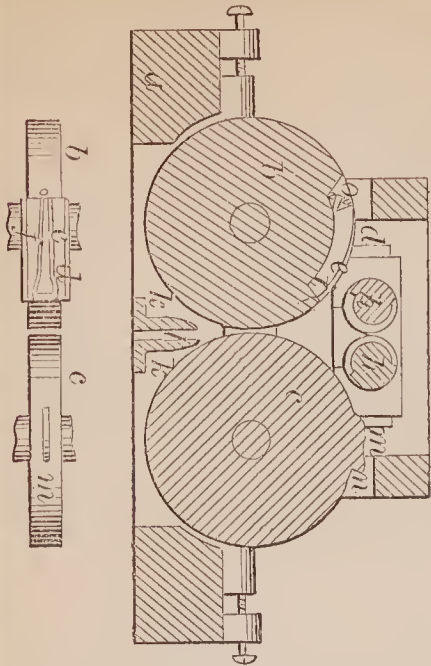
62680—A. Pearsall—*Locomotive Draft Pipe.*



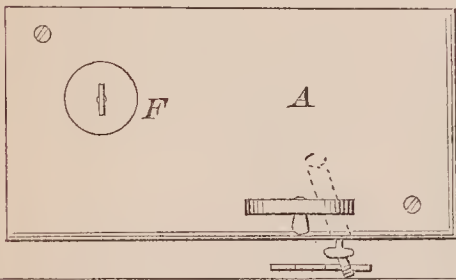
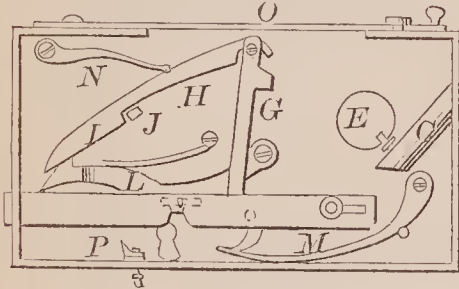
62681—J. Pine—*Harvester.*



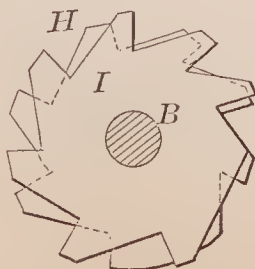
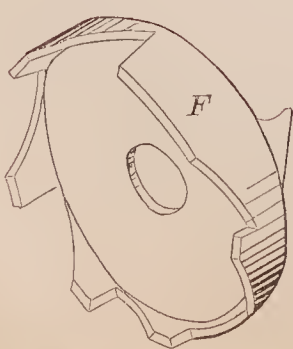
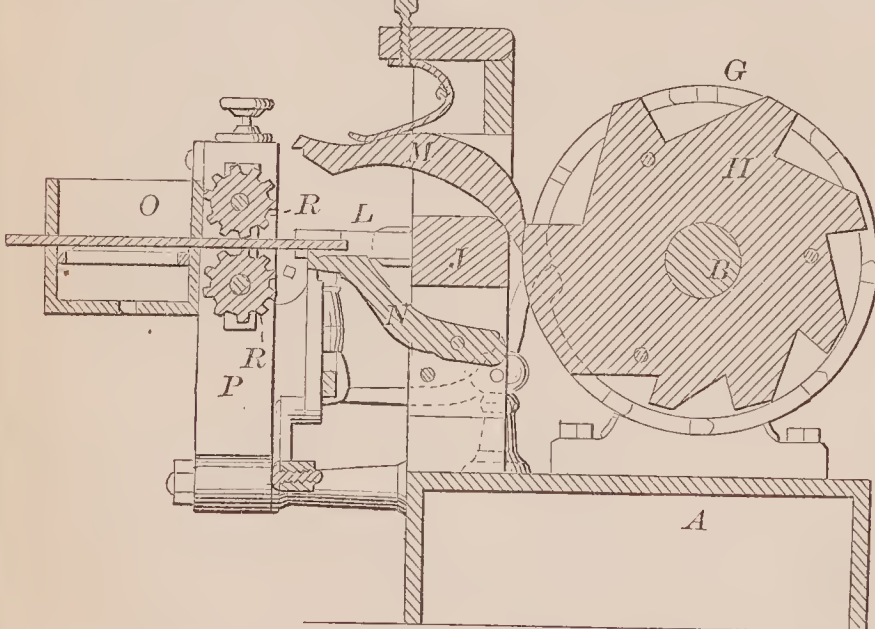
62678—A. Patterson—*Die for Making Bells.*



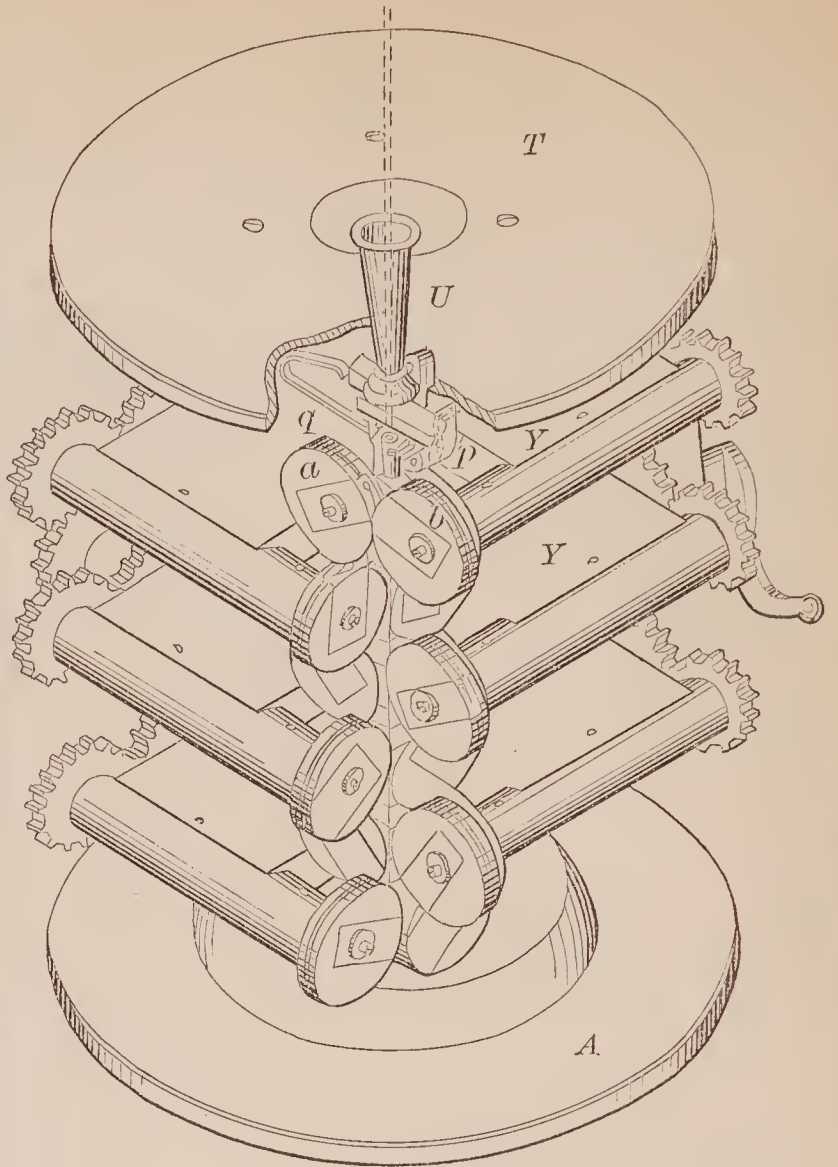
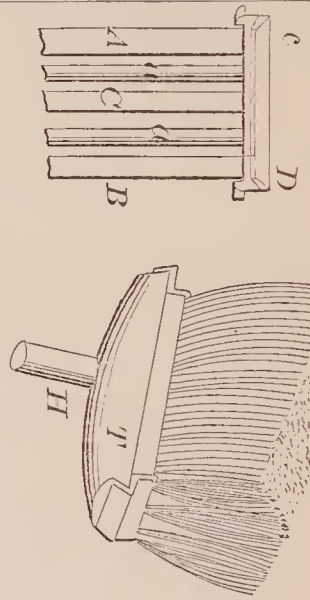
62682—A. M. Polsey—Nail Machine.

62683—J. S. & R. Porter—
Alarm Lock.

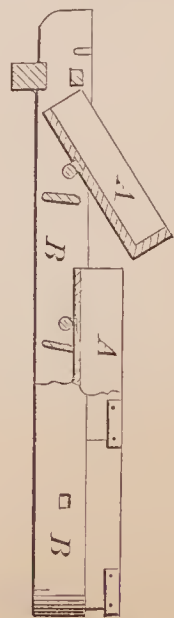
62685—Putnam & Dwelley—Horse Shoe Nail Machine.



62684—Putnam & Dwelley—Horse Shoe Nail Machine.

62686—G. T. Reed—Broom and
Brush Head.

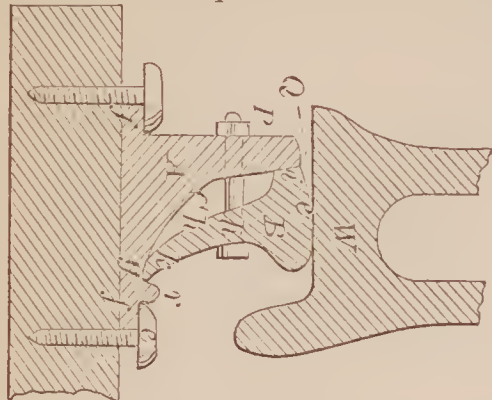
62687—W. Robinson—Dumping Wagon.



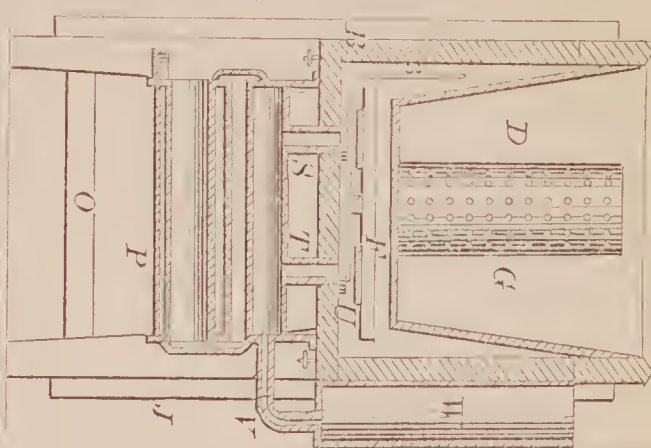
62688—G. Rogers—*Casting Pipe.*



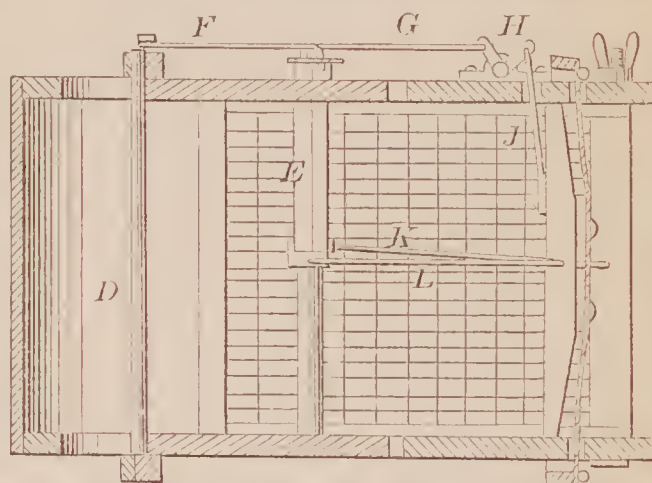
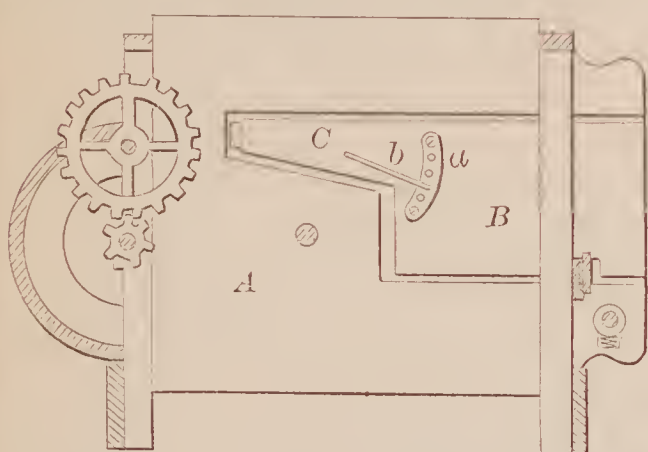
62691—E. Sampson—*Railroad Rail.*



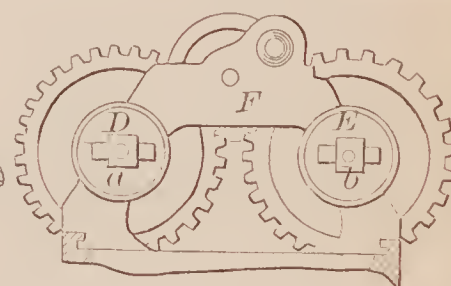
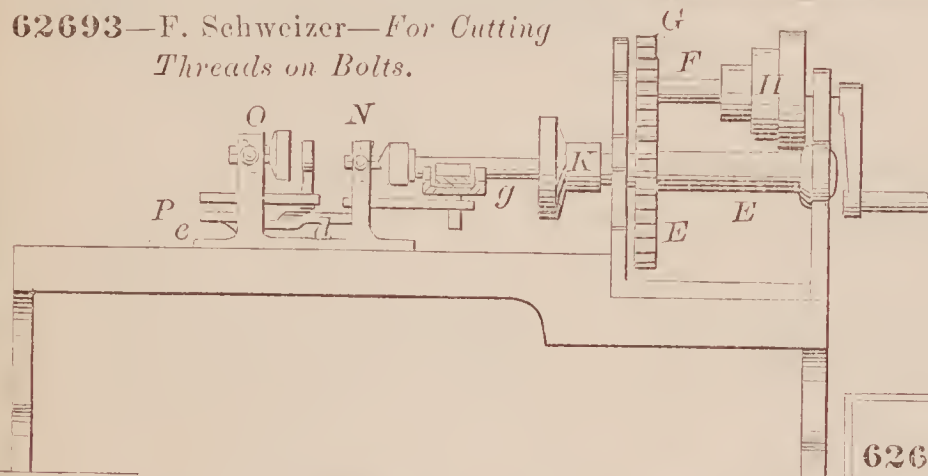
62690—O. Sage—*Cheese Vat.*



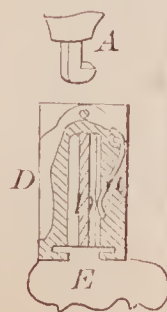
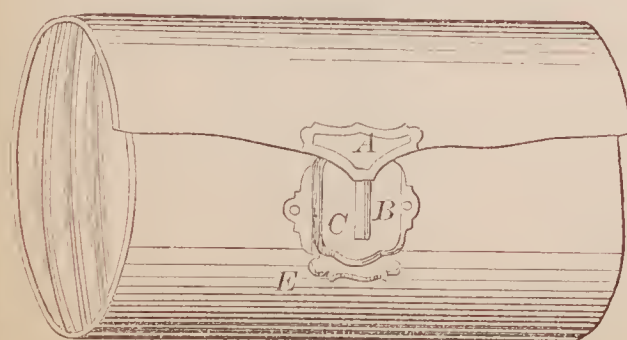
62694—H. H. Seely—*Grain Separator.*



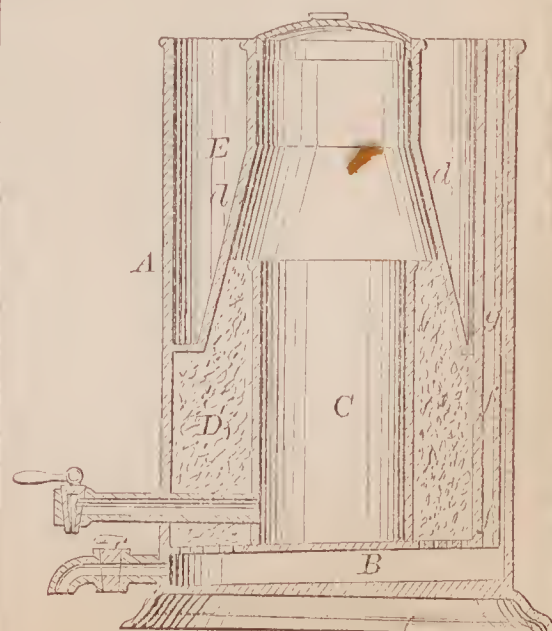
62693—F. Schweizer—*For Cutting Threads on Bolts.*

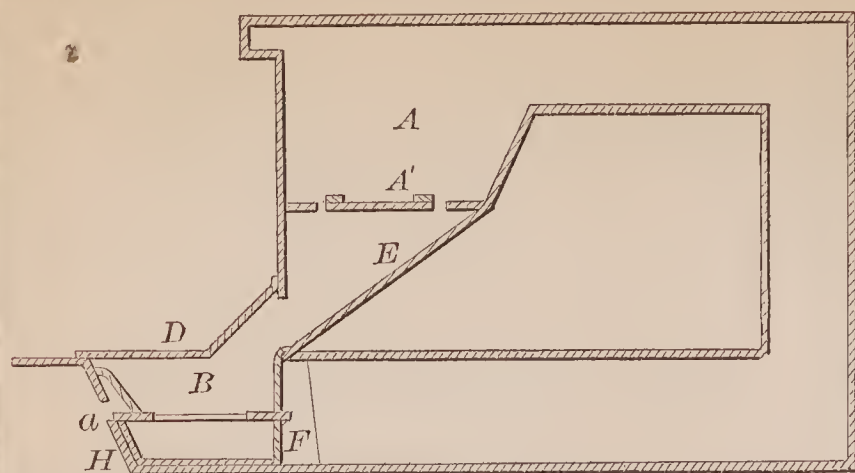
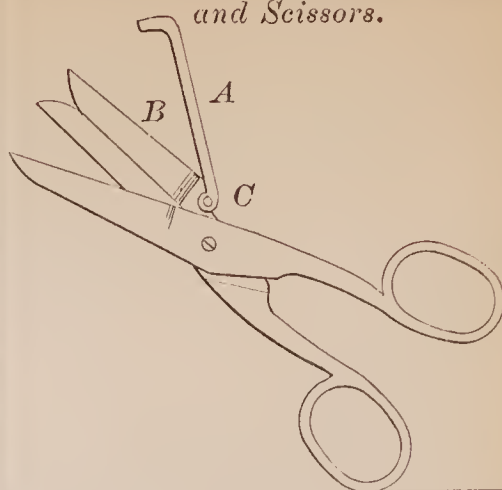
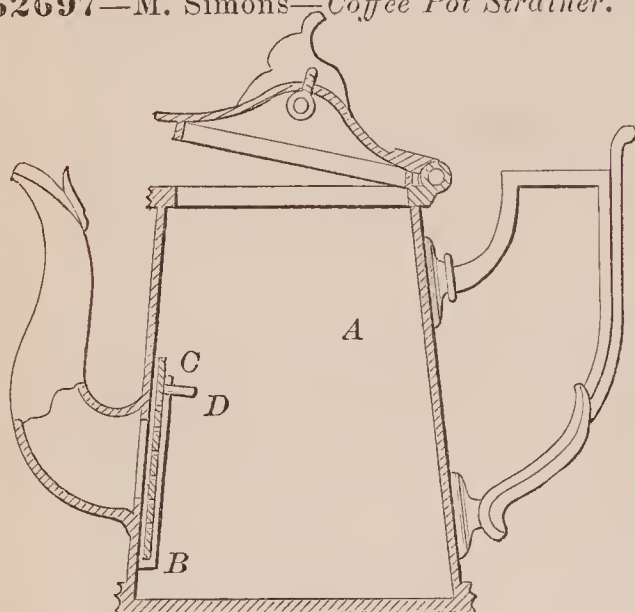
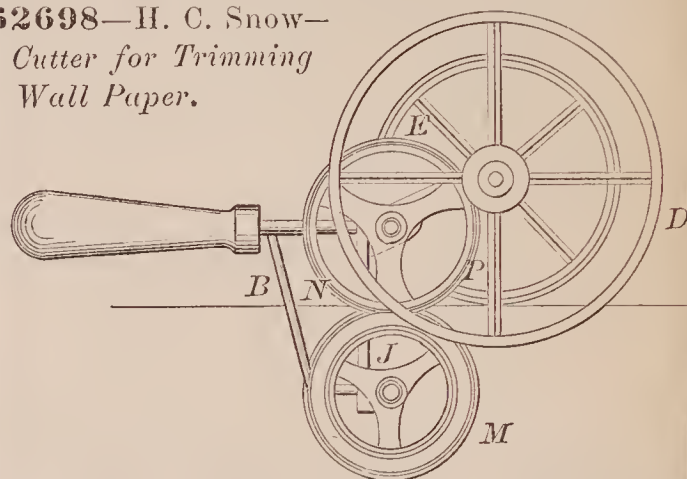
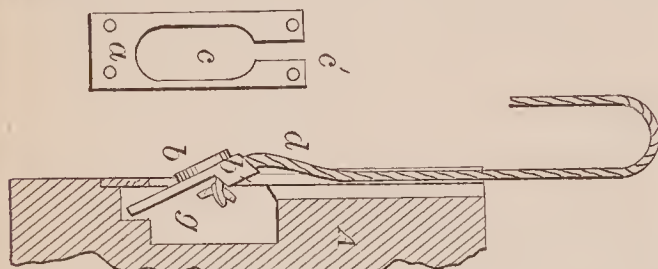
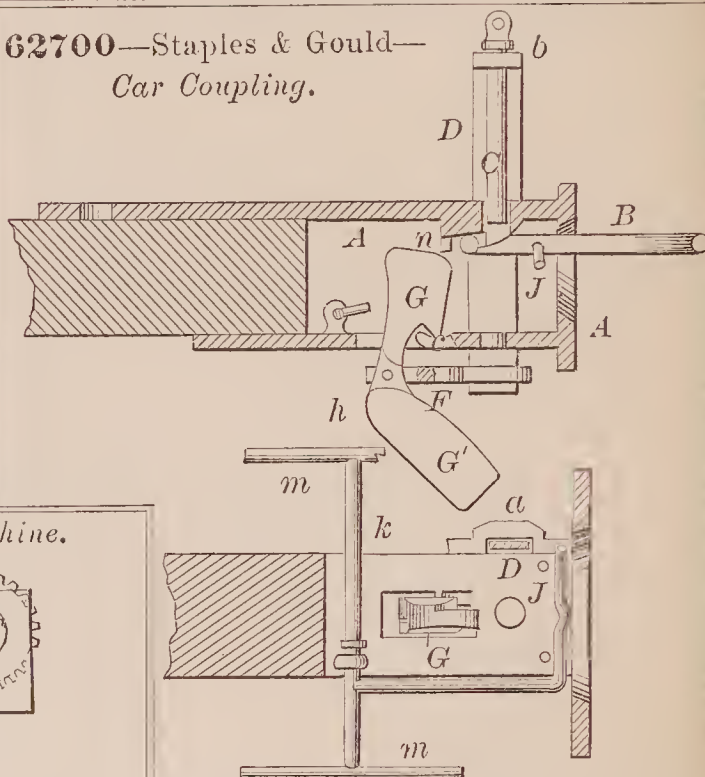
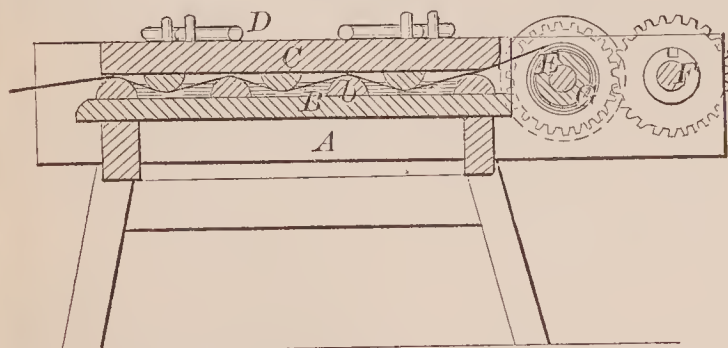
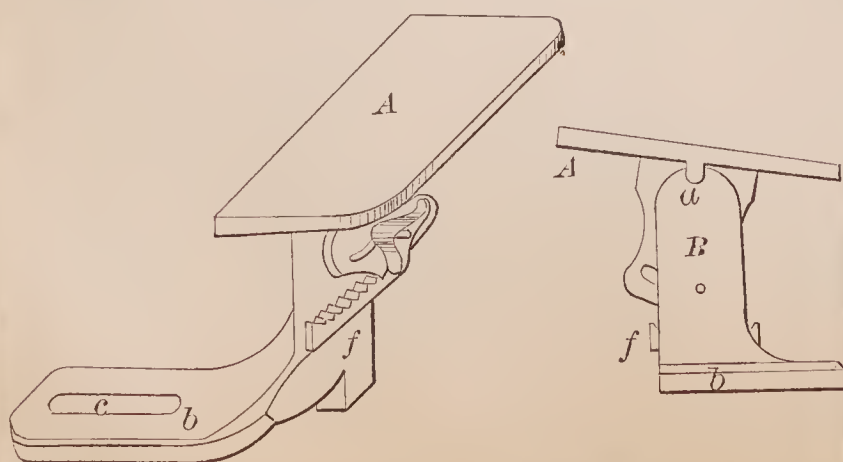
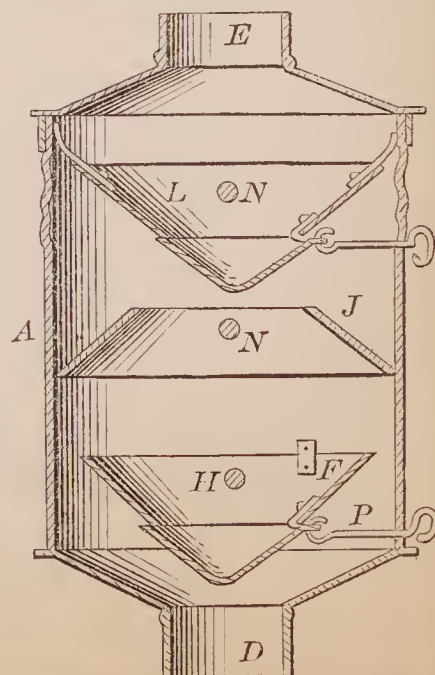


62689—H. Ropes—*Pocket Book Clasp.*

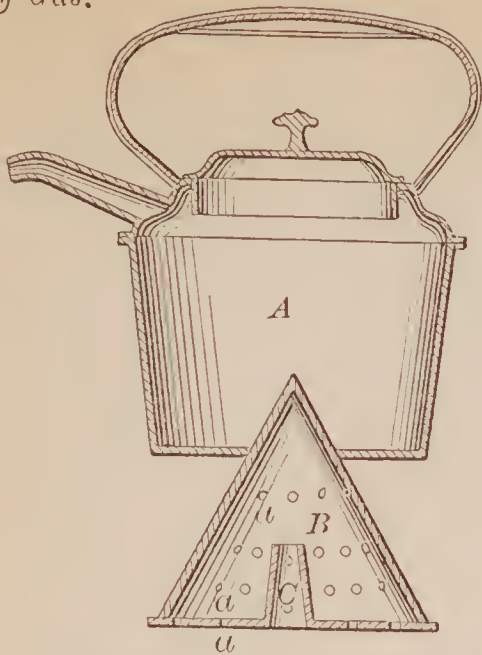


62696—Shickle & Randals—*Filter.*

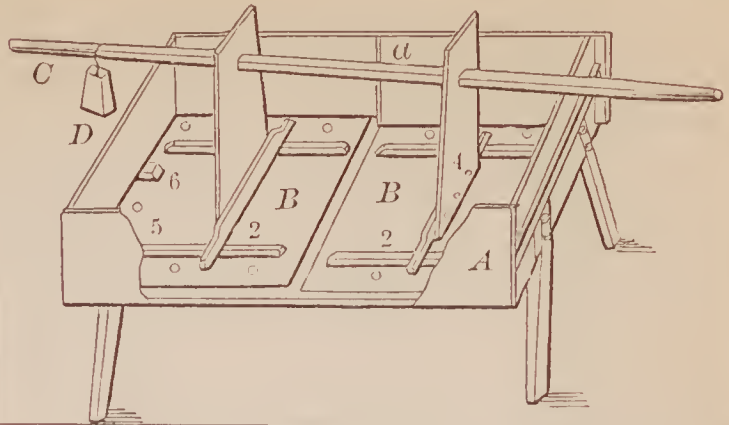


62695—J. H. Shear—*Cooking Stove Pan.*62702—C. W. Sykes—*Knife and Scissors.*62697—M. Simons—*Coffee Pot Strainer.*62698—H. C. Snow—*Cutter for Trimming Wall Paper.*62701—C. Swift—*Attaching Cords to Sashes.*62700—Staples & Gould—*Car Coupling.*62703—H. Todd—*Sheet Metal Polishing Machine.*62705—J. F. Tudor—*Rest for Sharpening Saws.*62699—J. G. Sorgen—*Stove Pipe Drum.*

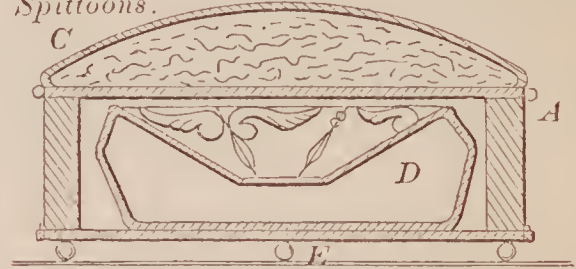
62707—M. V. Vranken—*For Heating by Gas.*



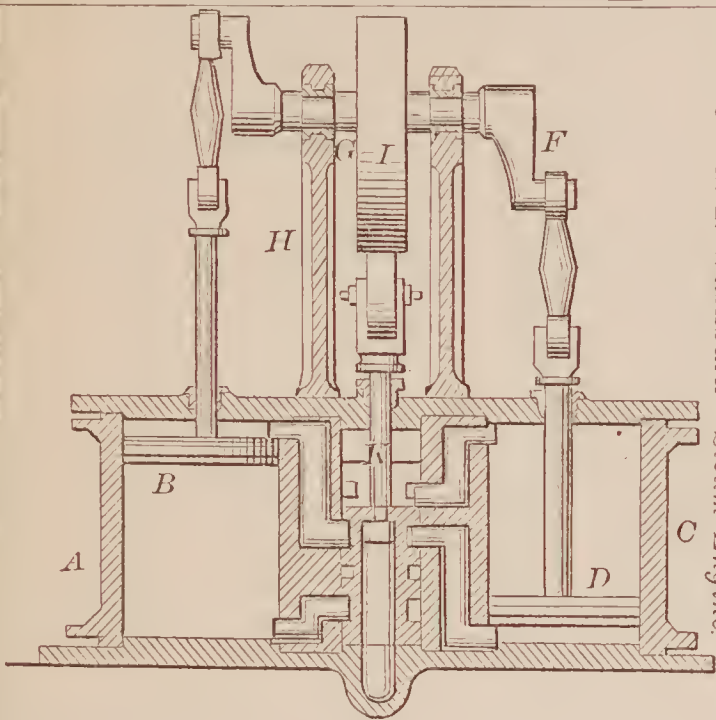
62708—C. F. Walker—*Washing Machine.*



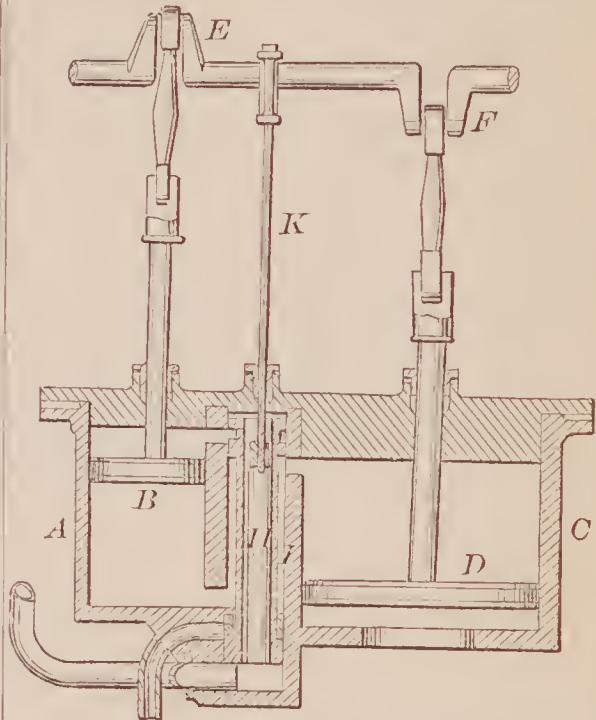
62709—S. W. H. Ward—*Envelope for Spittoons.*



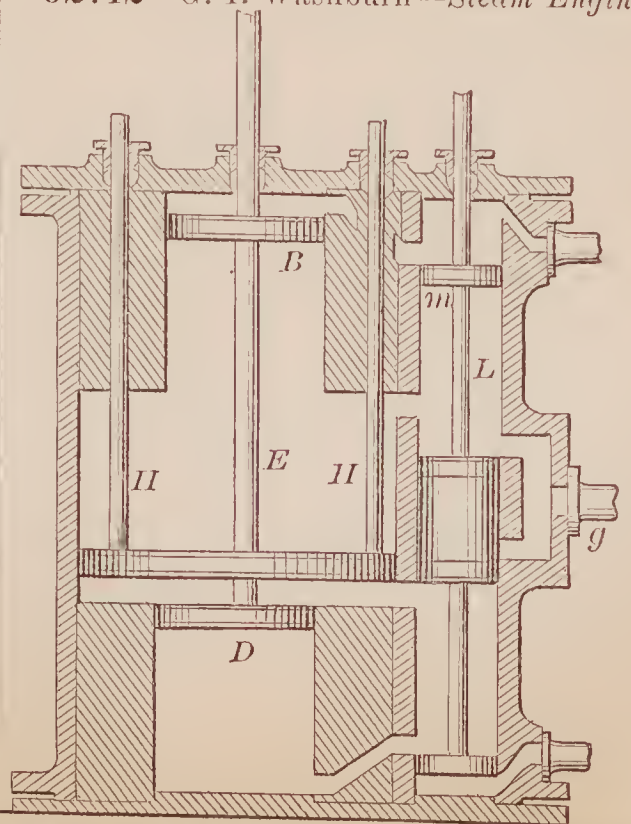
62710—G. I. Washburn—*Steam Engine.*



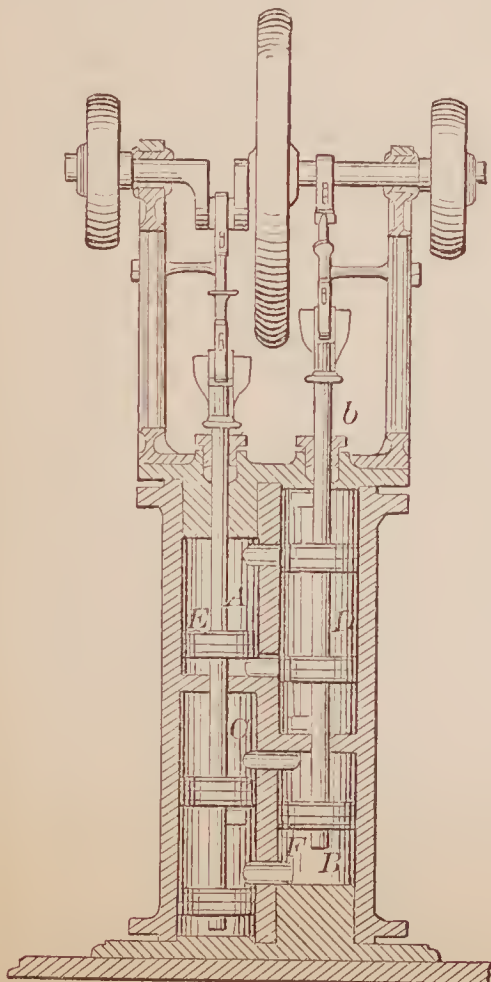
62711—G. I. Washburn—*Steam Engine.*

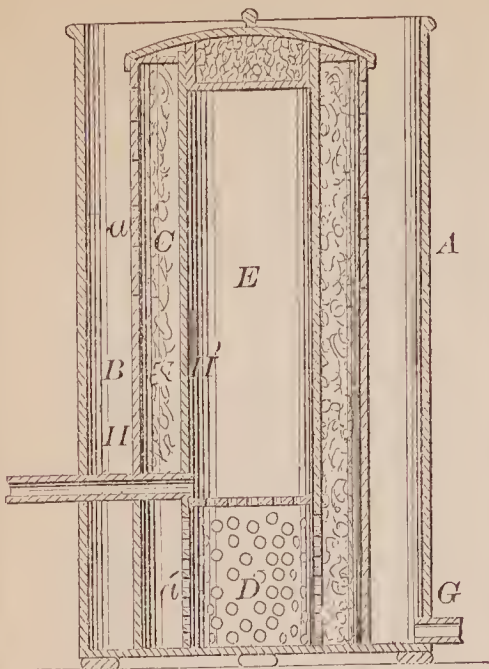
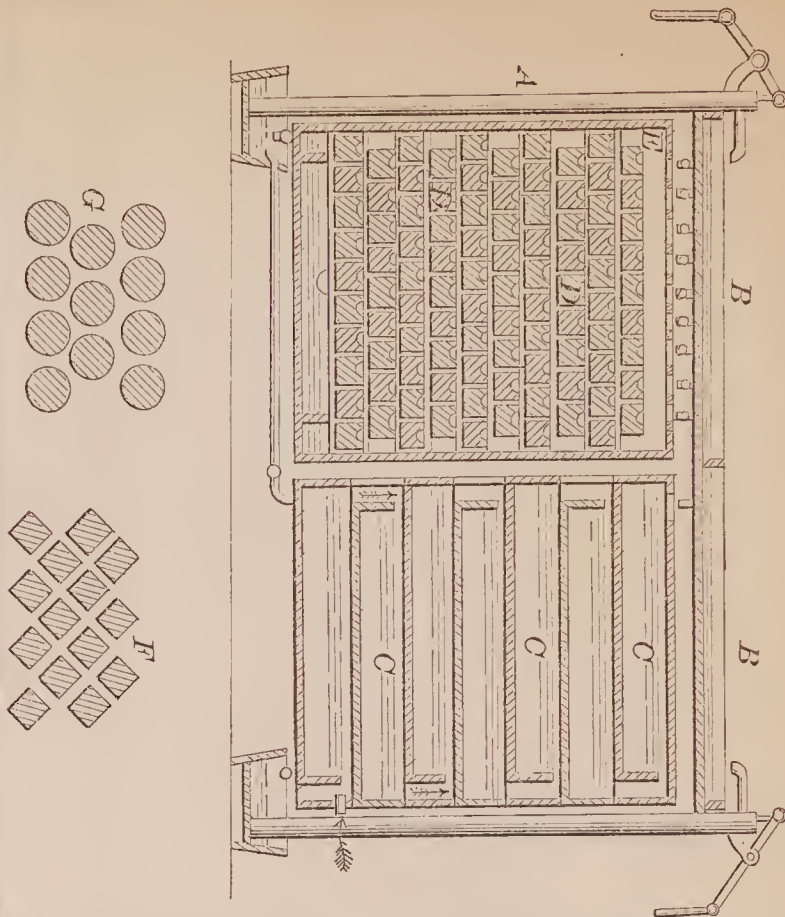
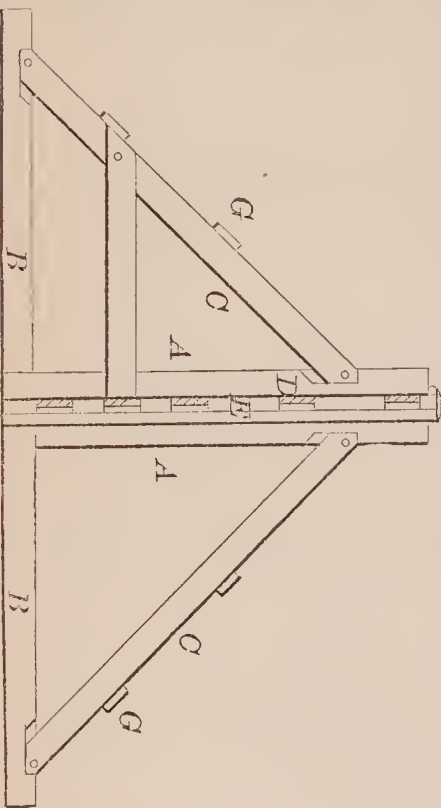
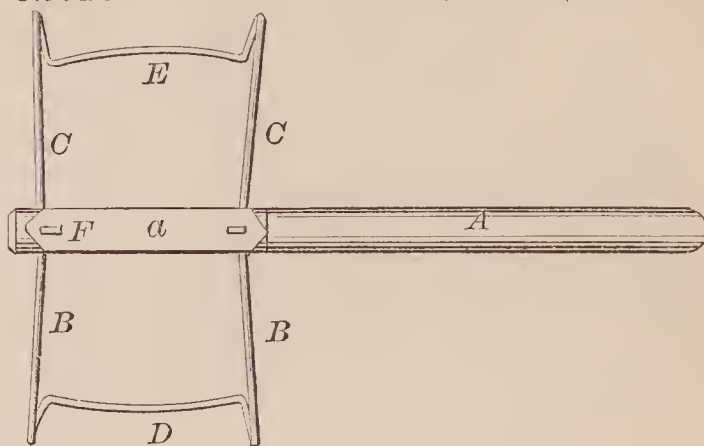
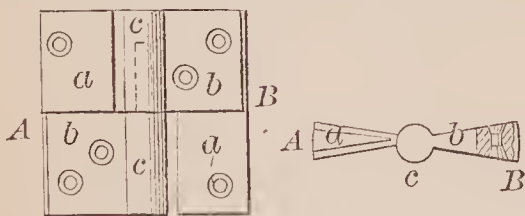
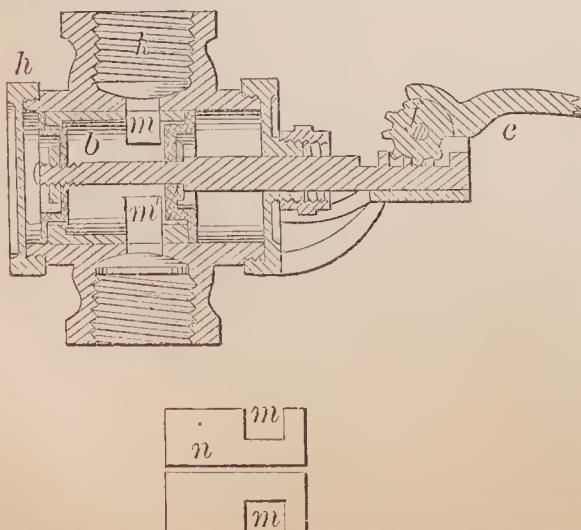
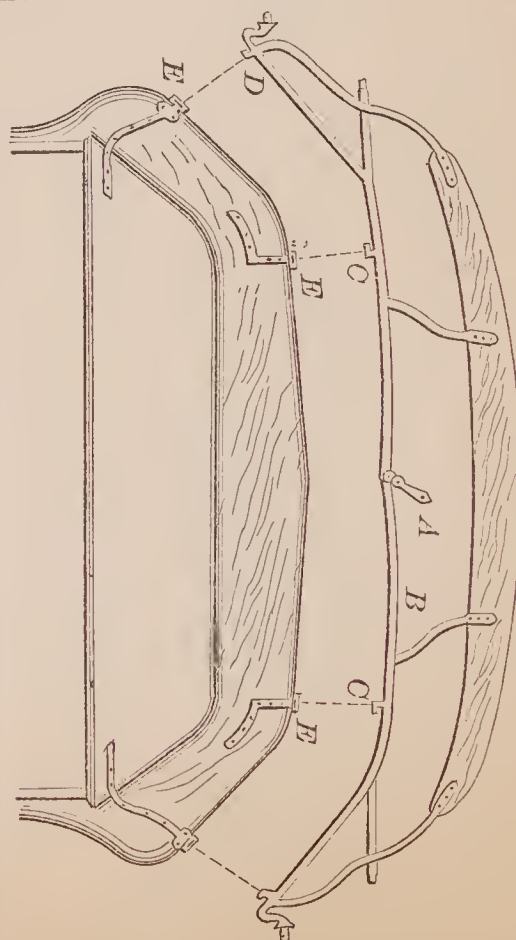


62712—G. I. Washburn—*Steam Engine.*

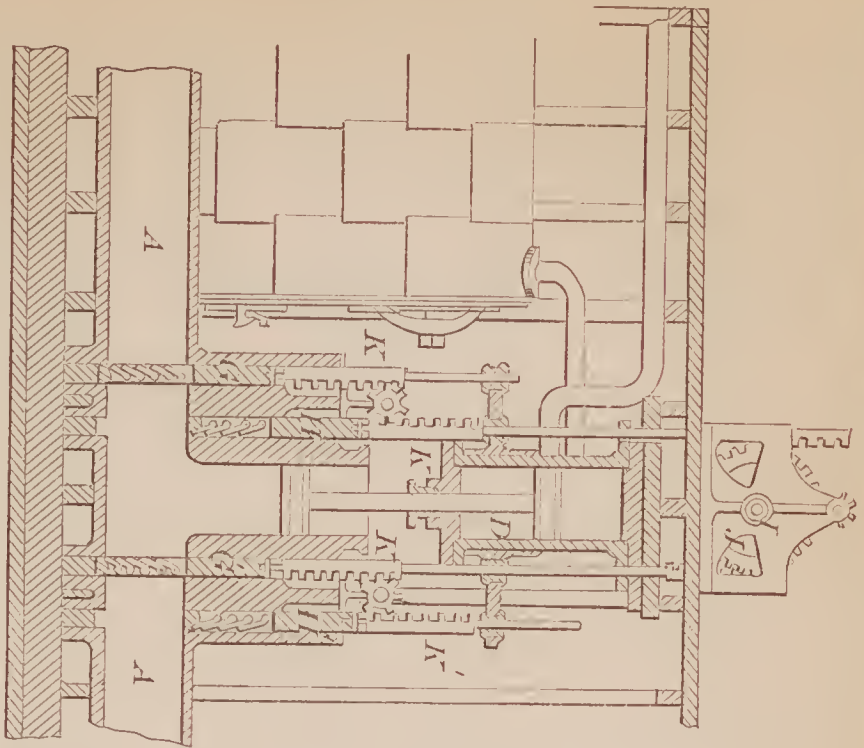


62713—G. I. Washburn—*Steam Engine.*

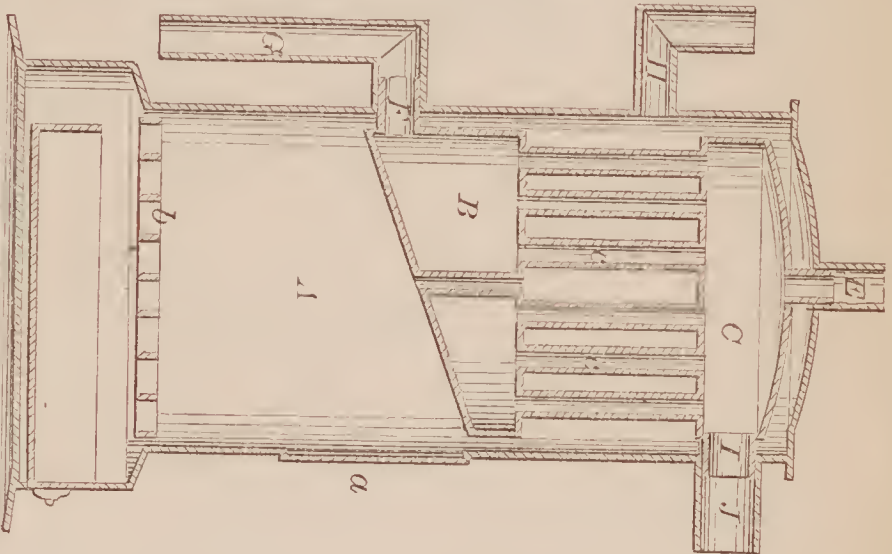


62714—G. Waite—*Filter.*62715—W. Weis—*Vinegar Apparatus.*62718—E. York—*Portable Fence.*62716—D. Welch—*Plate Lifter.*62720—J. Hartzell—*Hinge.*62721—J. Zundorff—*Steam Valve.*62719—J. Zahn—*Shifting Bail for Carriage Seat.*

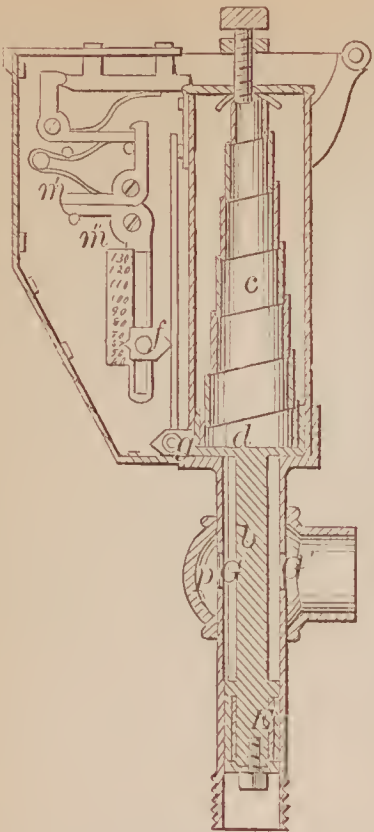
62723—R. D. Chatterton—*Propeller.*



62726—W. Bamford—*Heating Stove.*



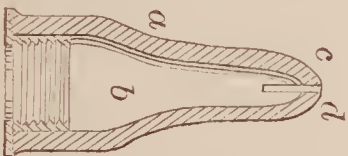
62722—J. Zundorff—*Safety Valve.*



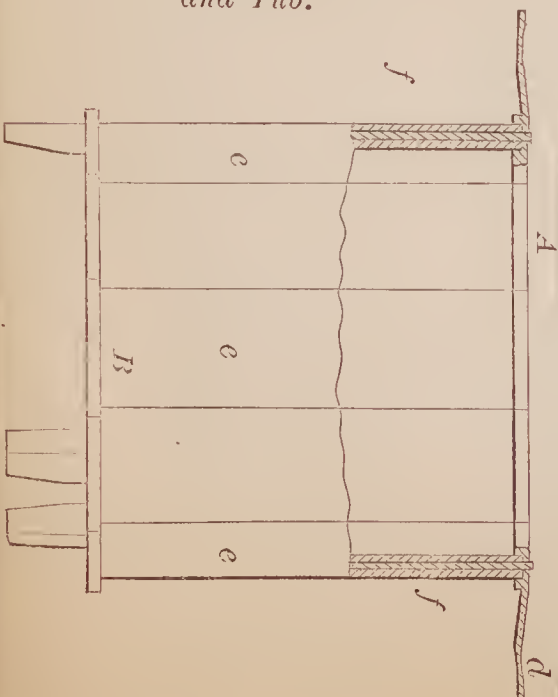
62724—R. H. Aldrich—*Dusting Brush.*



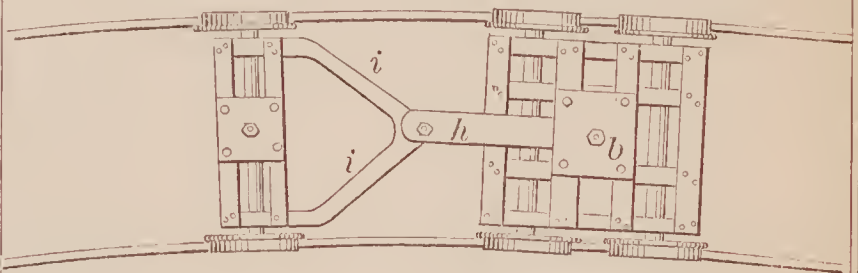
62725—Arnold & Irving—*Porcelain Gas Burner.*



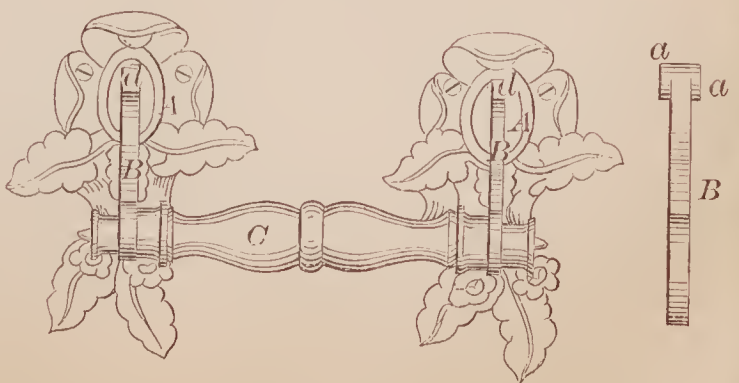
62728—J. Booher—*Flower Pot and Tub.*

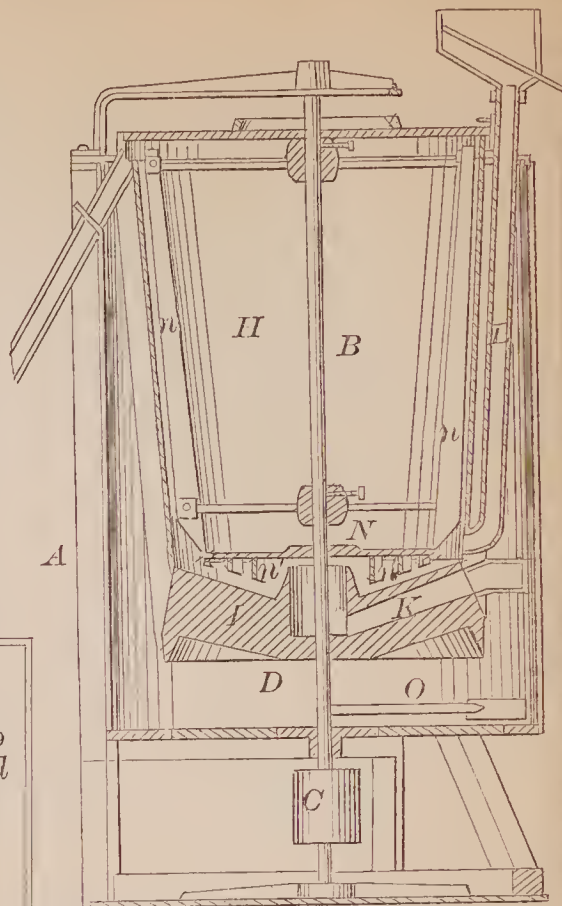
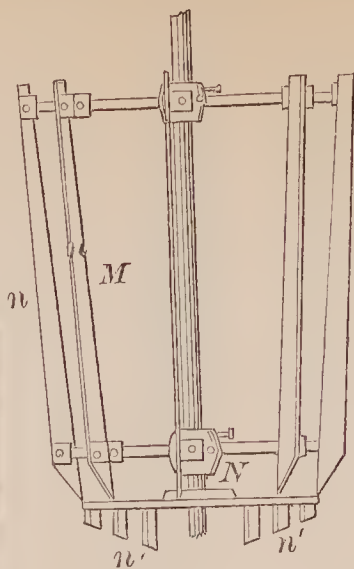
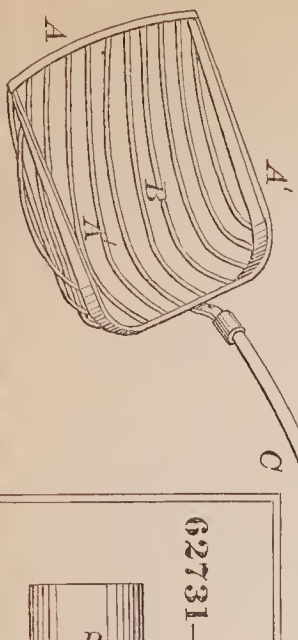
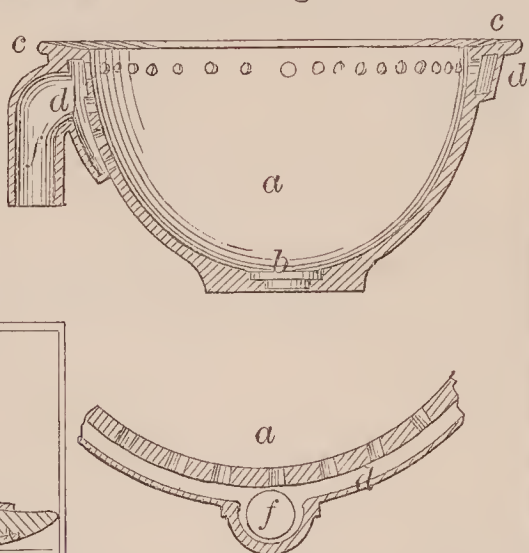
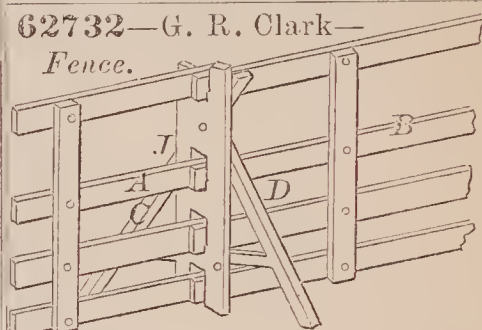
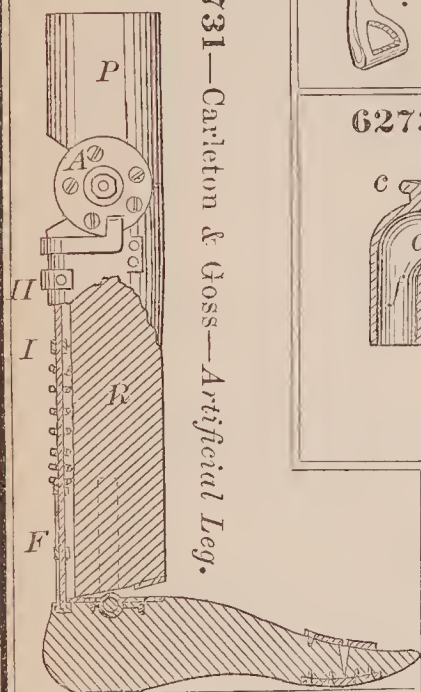
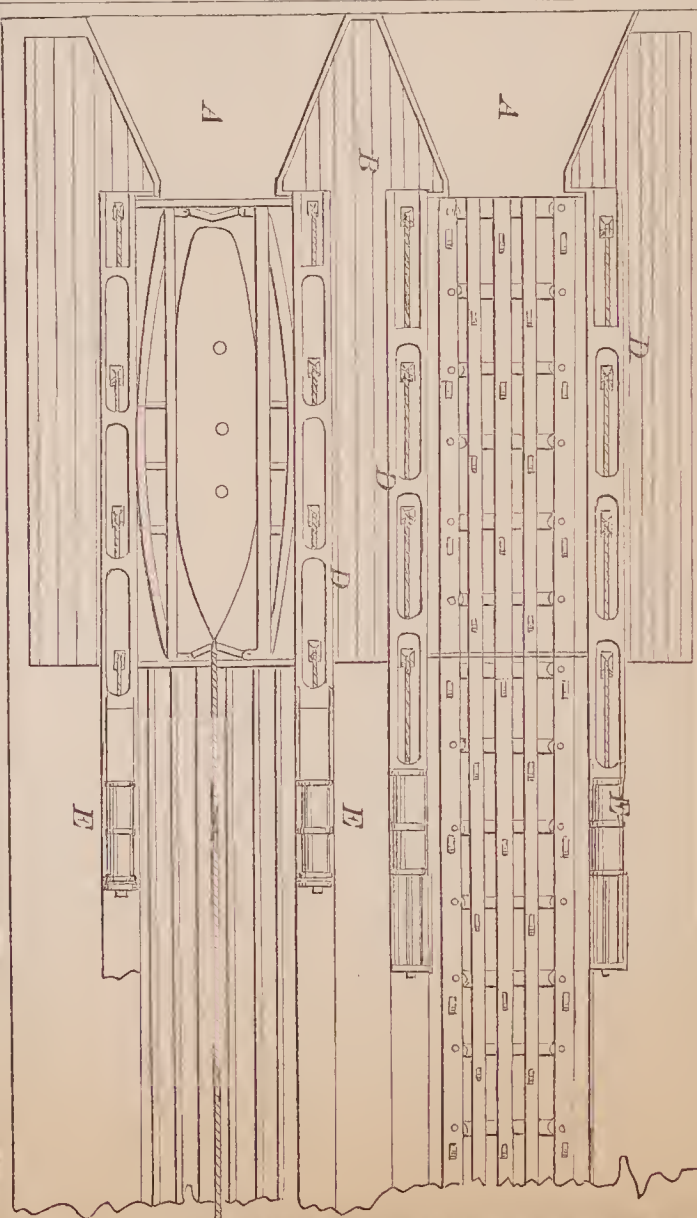
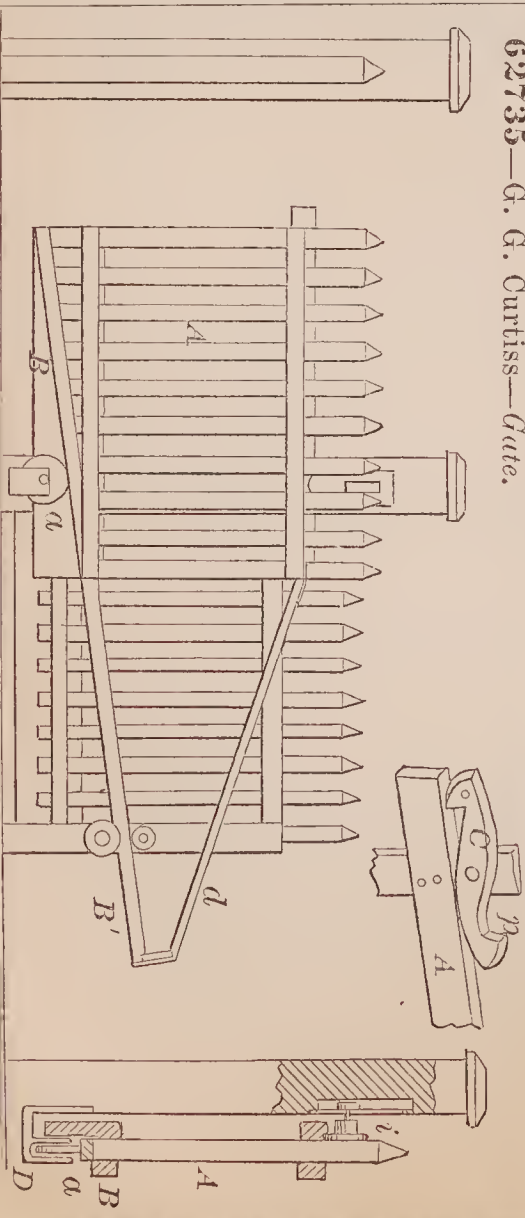


62727—L. Bissell—*Car Truck.*

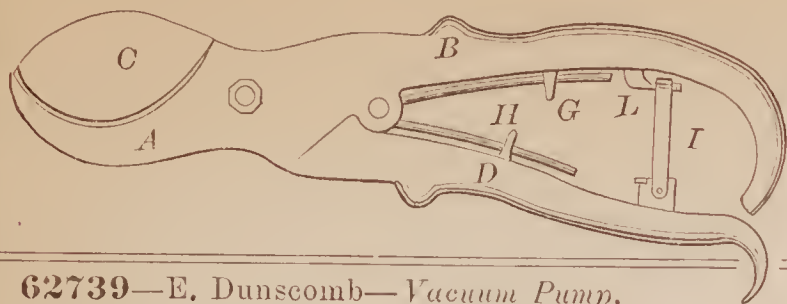


62729—P. Bradford—*Lifting Handle.*

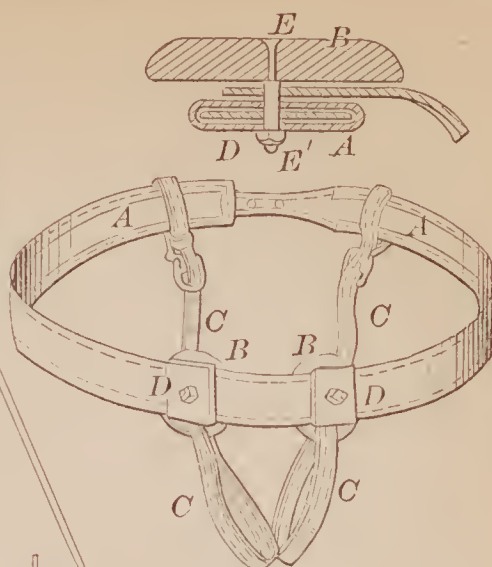


62733—I. Cook—*Bran Duster.*62730—Brown & Pool—*Potato Scoop.*62734—H. H. Craigie—*Basin.*62732—G. R. Clark—*Fence.*62731—Carleton & Goss—*Artificial Leg.*62736—H. H. Day—*Canals and their Navigation.*62735—G. G. Curtiss—*Gate.*

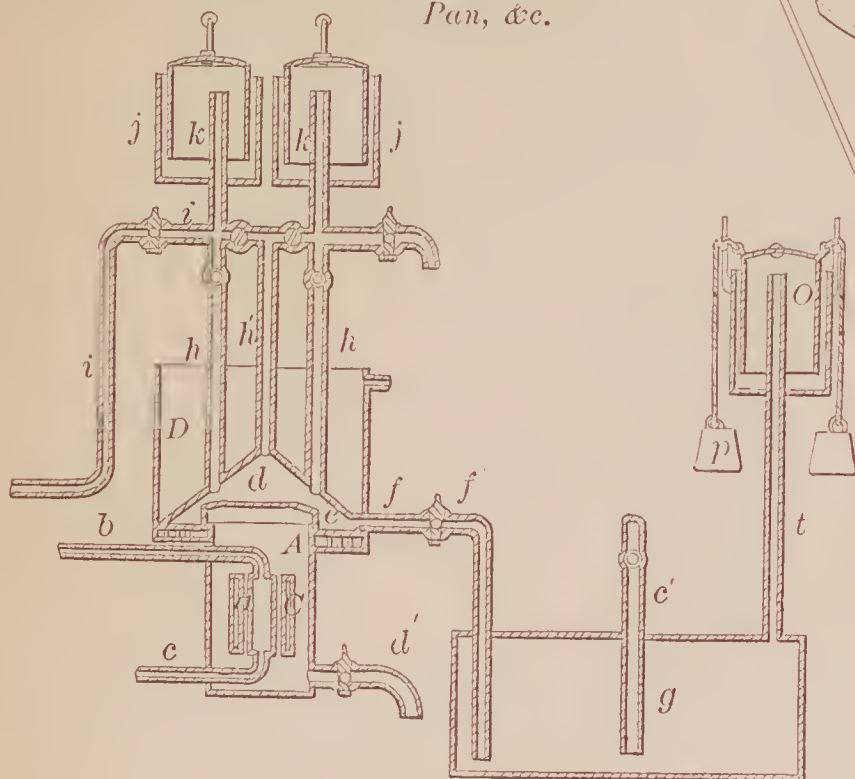
62737—A. J. Doolittle—*Pruning Shears.*



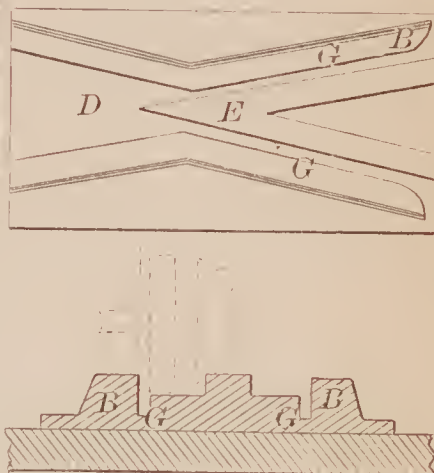
62743—J. Harrison—*Truss.*



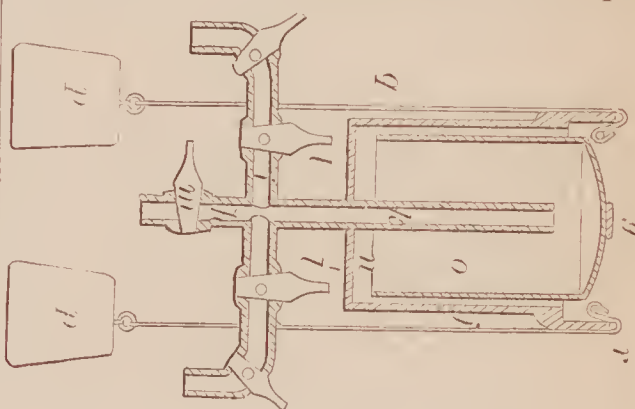
62739—E. Duncomb—*Vacuum Pump, Pan, &c.*



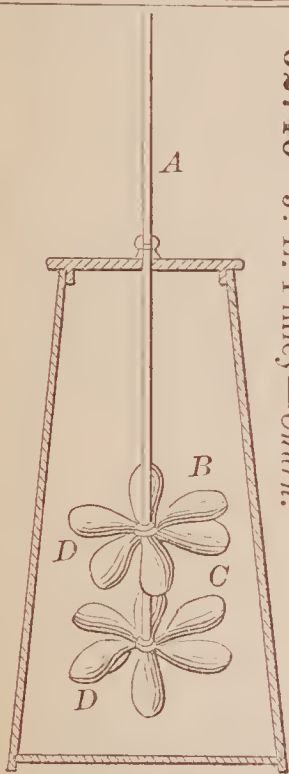
62745—J. P. Hart—*Railway Frog.*



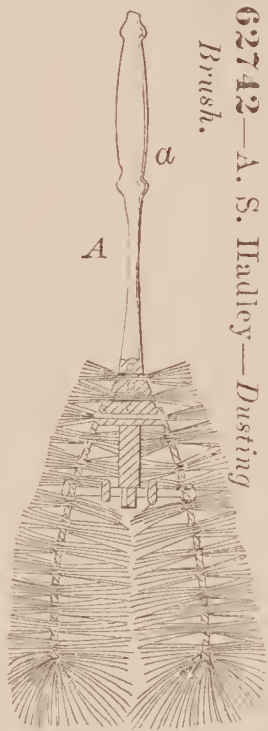
62738—E. Duncomb—*Vacuum Pump.*



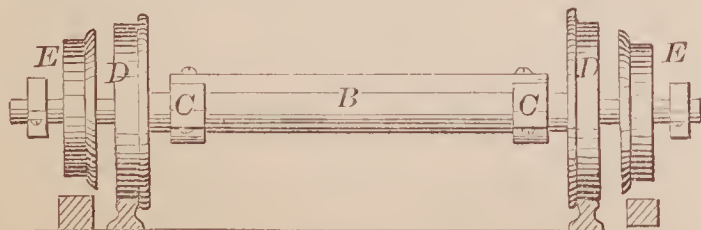
62740—J. E. Finley—*Churn.*



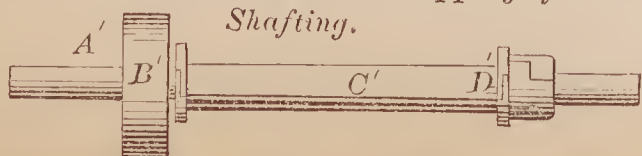
62742—A. S. Hadley—*Dusting Brush.*



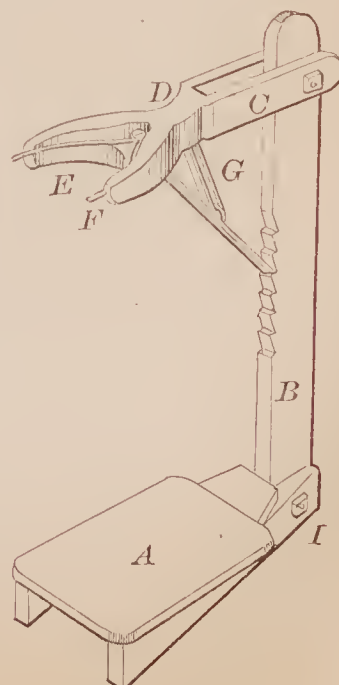
62744—J. P. Hart—*Car Truck.*

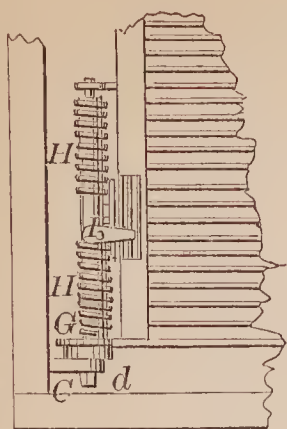


62746—W. Hayes—*Preventing the Lapping of Belts on Shafting.*

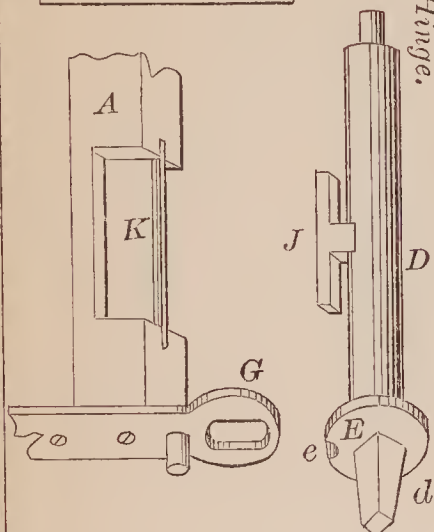
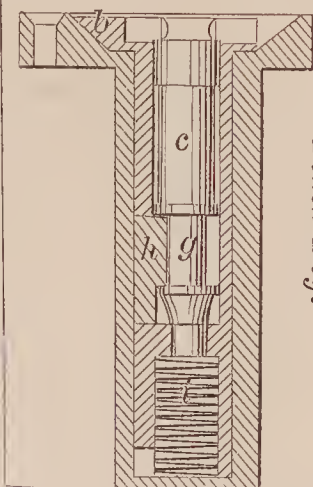
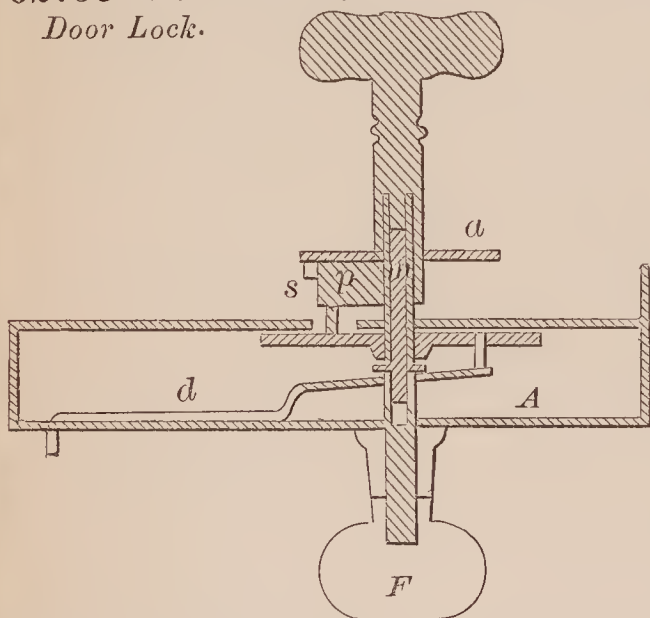
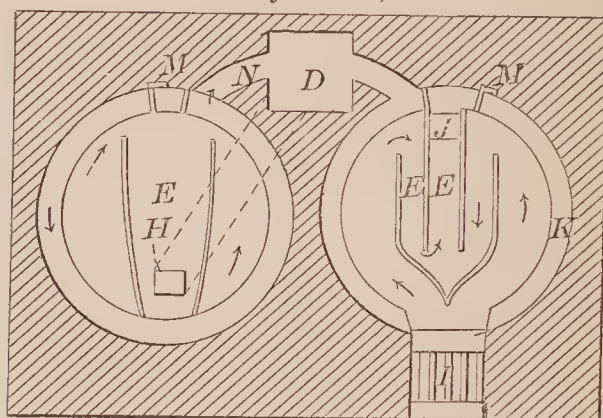


62741—L. H. Gano—*Bag Holder.*

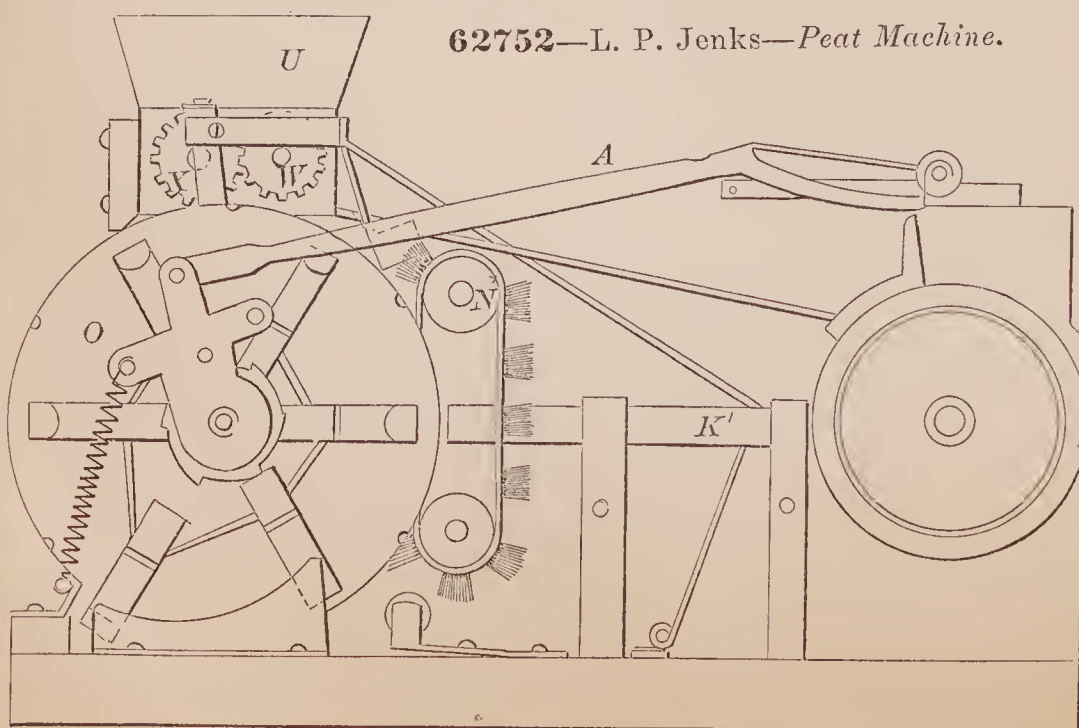
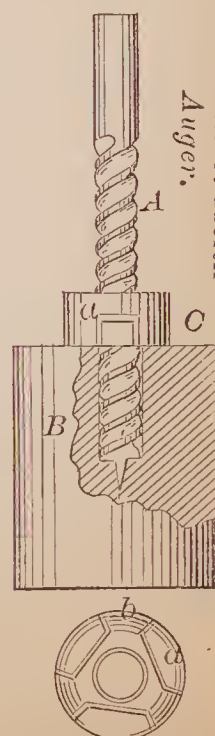




62747—F. Hermann—Spring Hinge.

62748—A. K. & H. P. Hood—
Bench Dog.62751—J. Jenkins—Box for
Transplanting Plants.62753—D. C. Jordon, Sr.—
Door Lock.62750—J. Huntington—Construction of
Stills for Oil, &c.

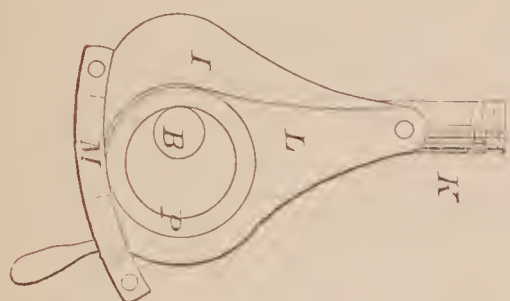
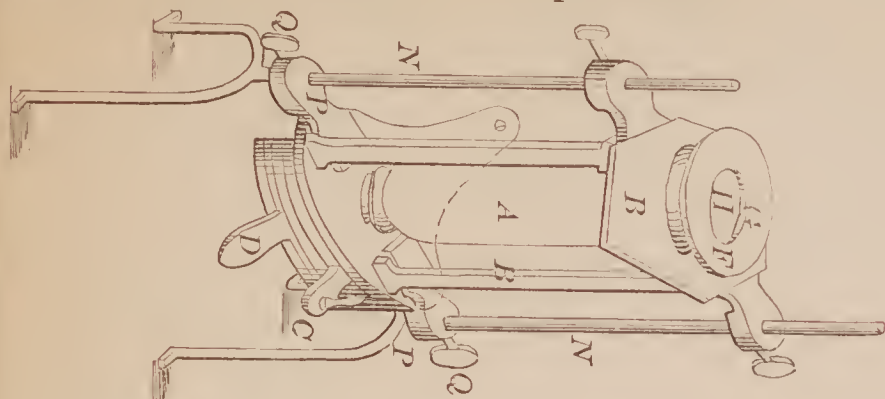
62752—L. P. Jenks—Peat Machine.

62754—T. C. Keith—
Auger.

62755—B. J. Kellam—*Oar.*



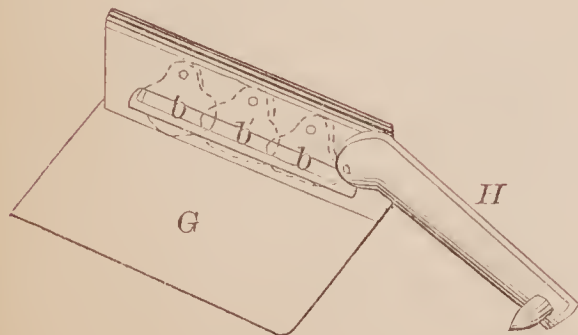
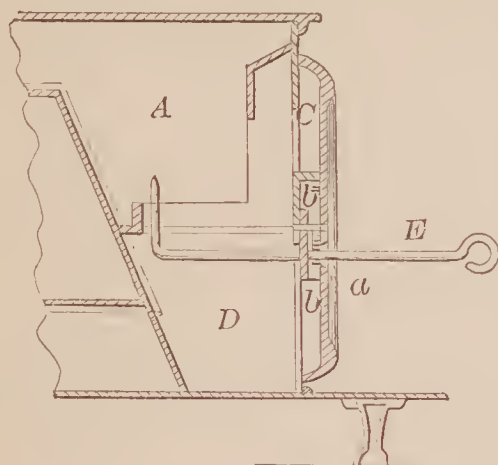
62762—Mainster & Kirkwood—*Liquid Measure.*



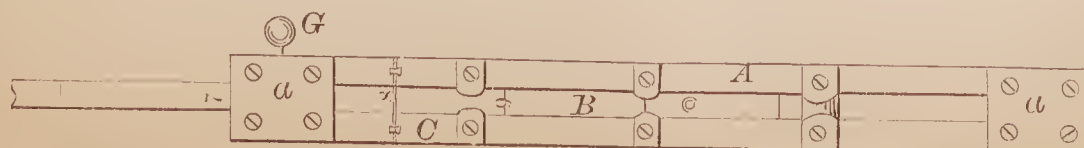
62761—Lincoln & Pratt—*Animal Tether.*



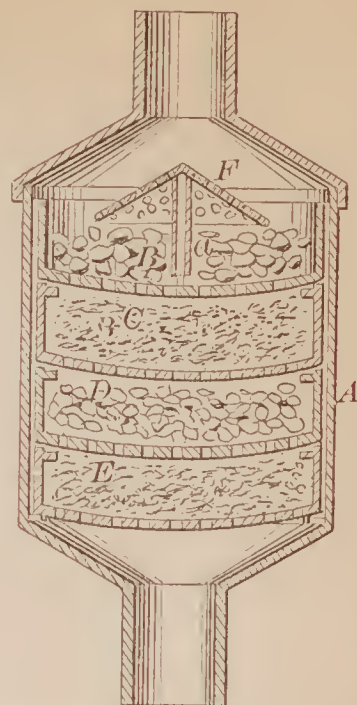
62763—J. Martino—*Dust Arrester in Stores, &c.*



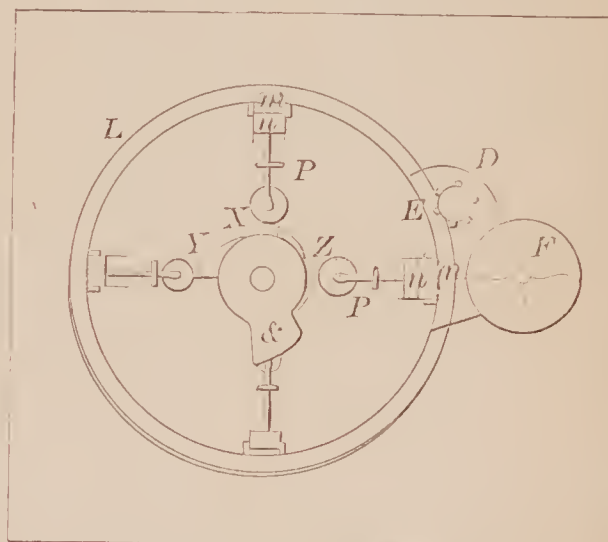
62756—A. D. King—*Measuring Rod.*



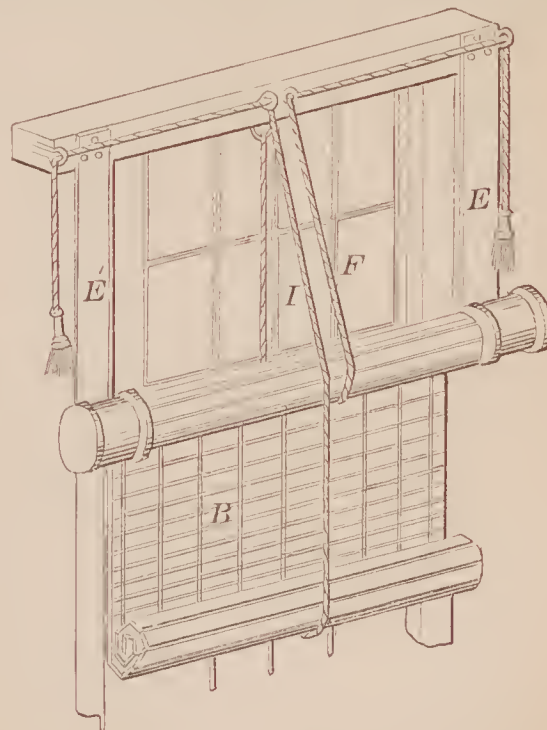
62757—G. W. Lampson—*Cistern Filter.*

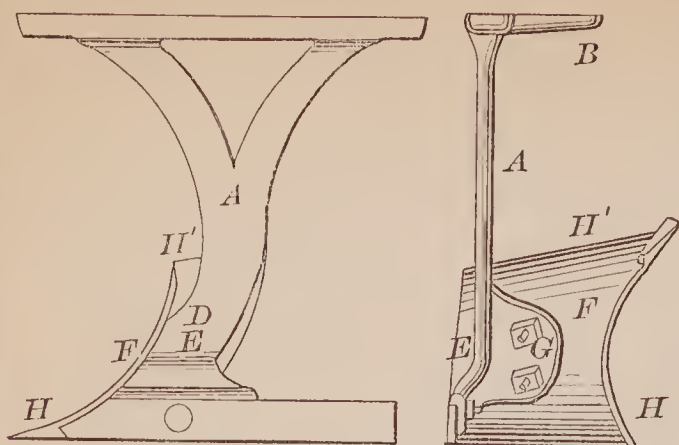
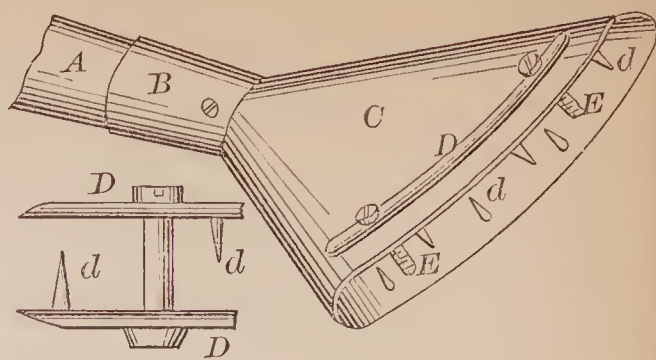
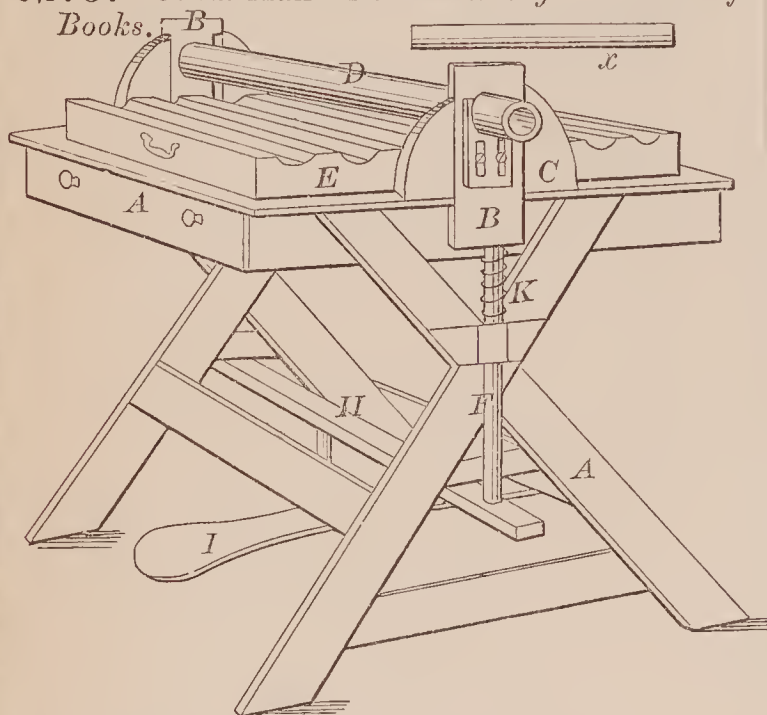
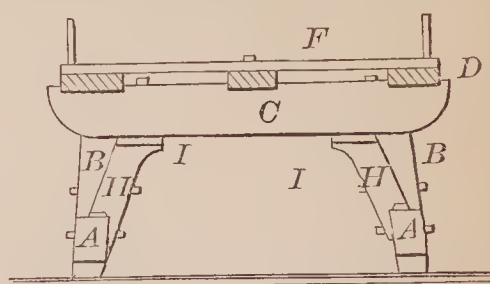
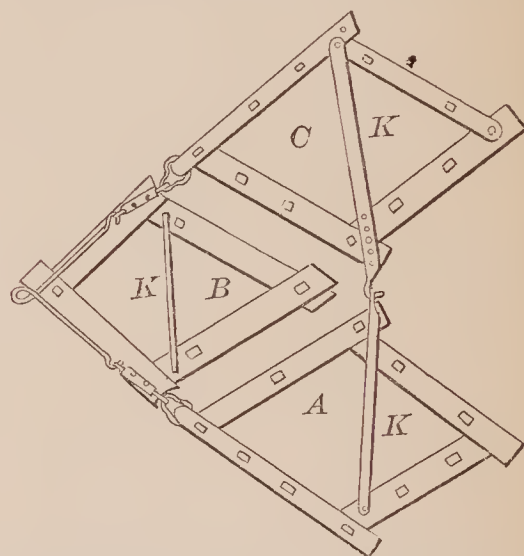
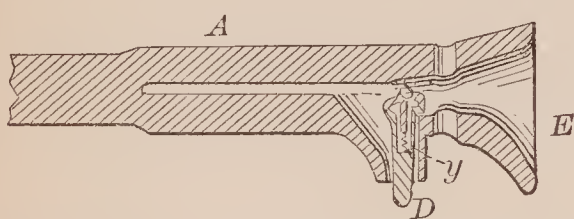
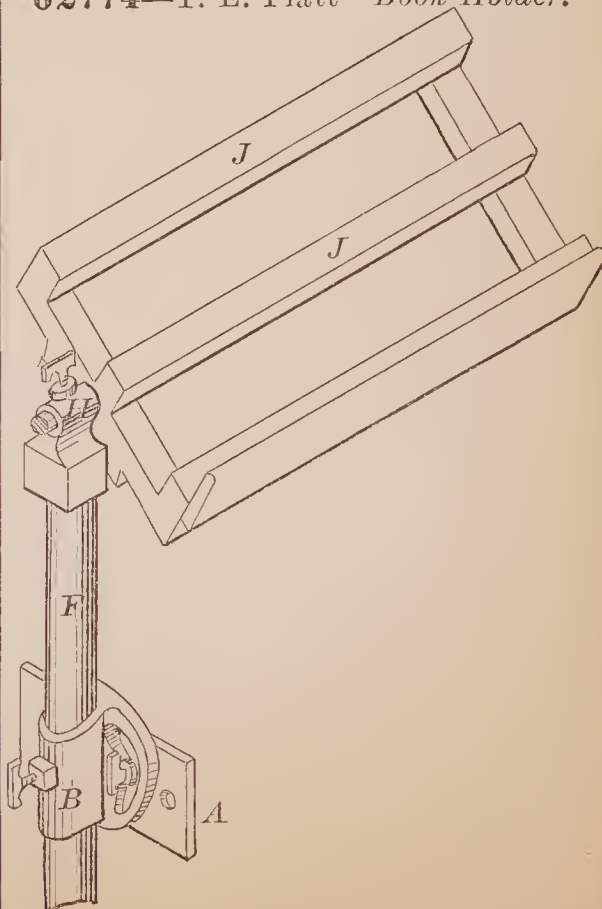
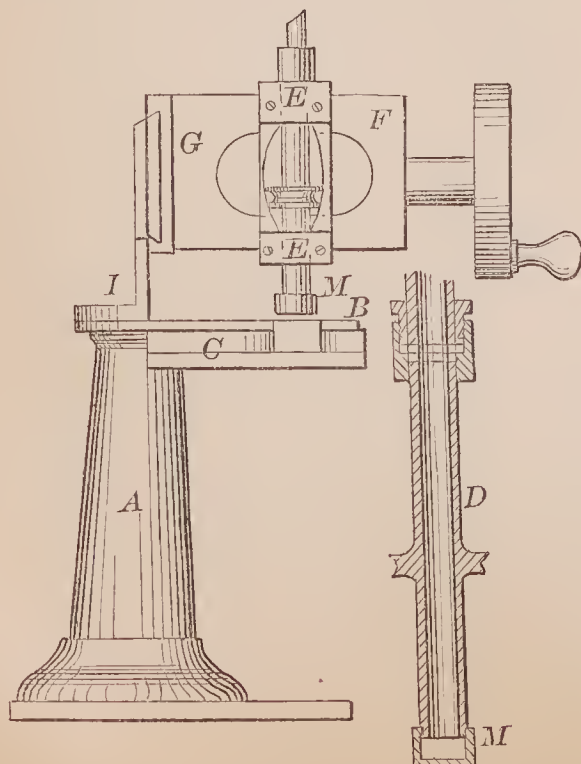


62764—P. Marvin—*Brick Machine.*

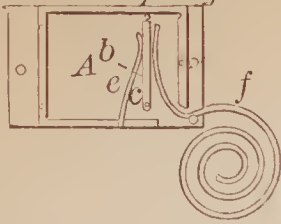


62765—C. G. Matchett—*Window Blind.*

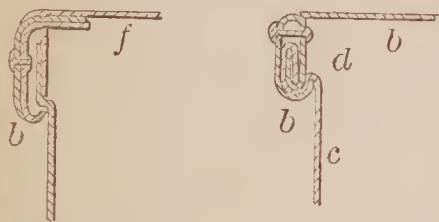
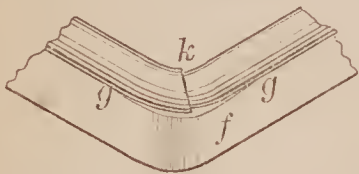


62766—Matteson & Williamson—*Plow*.62768—Miller & Weston—*Broom Head*.62767—J. K. Max—*For Moulding the Backs of Books*.62771—S. H. Noble—*Sleigh*.62769—D. C. Myers—*Harrow*.62772—J. H. Parsons—*Car Coupling*.62774—T. E. Platt—*Book Holder*.62773—G. B. Perkins—*Ironing Machine*.

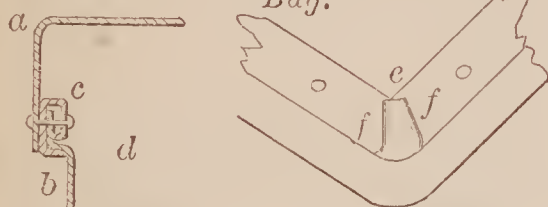
62775—N. A. Plympton—*Measuring the Strength of Watch Springs.*



62778—E. A. G. Roulstone—*Traveling Bag.*



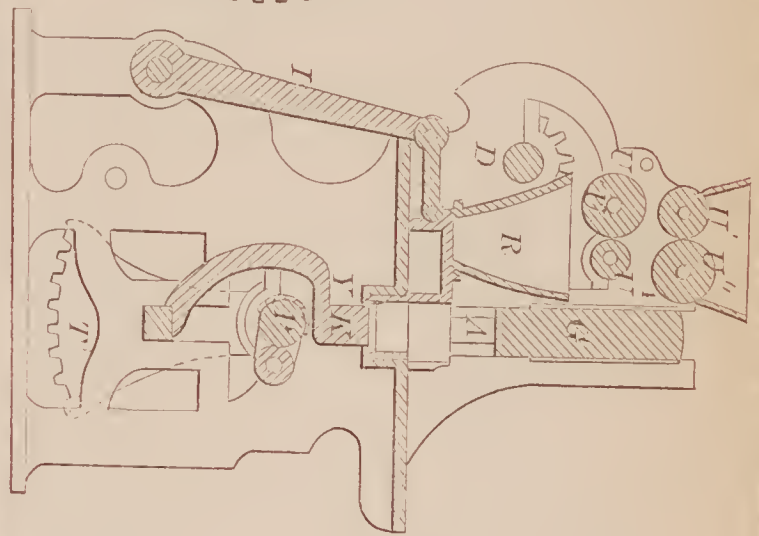
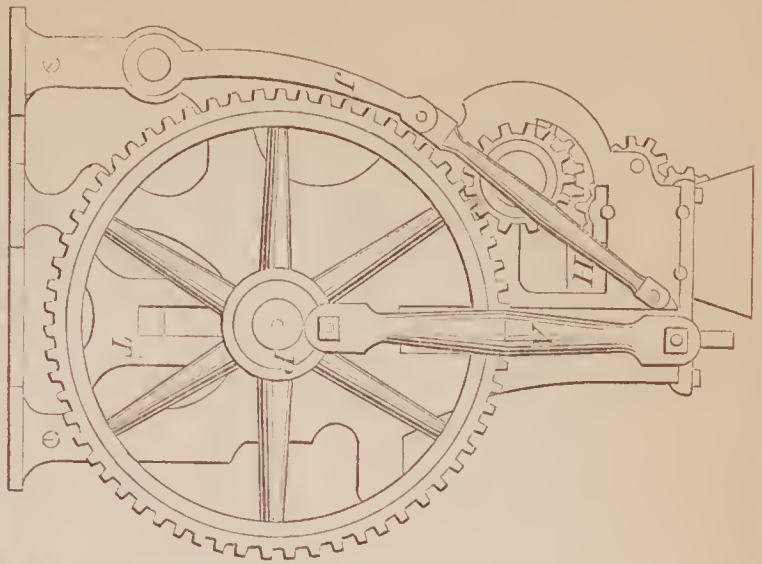
62779—E. A. G. Roulstone—*Traveling Bag.*



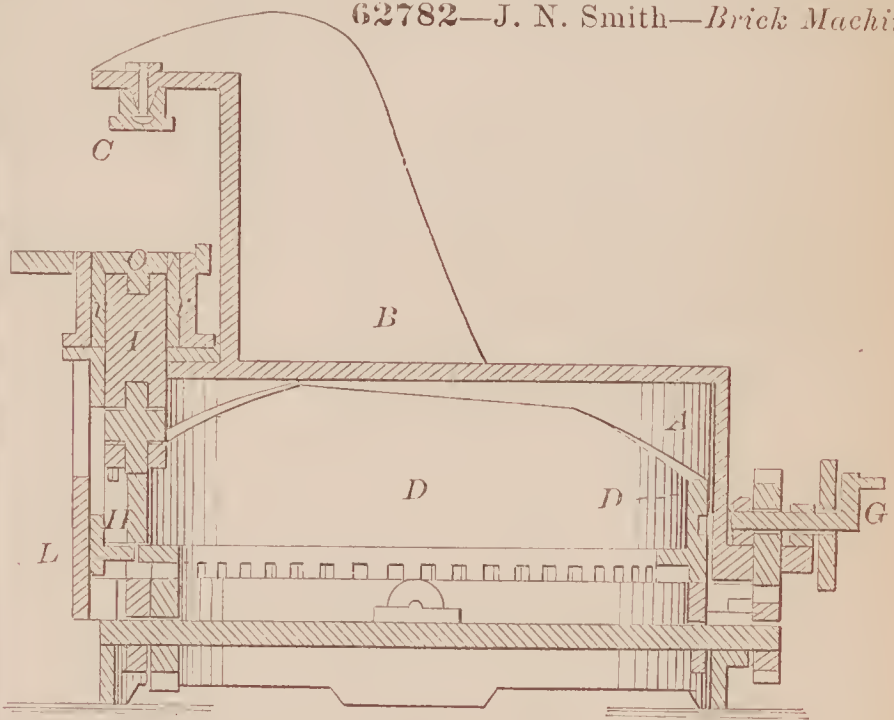
62777—G. Ricker—*Cotton Bale Tie.*



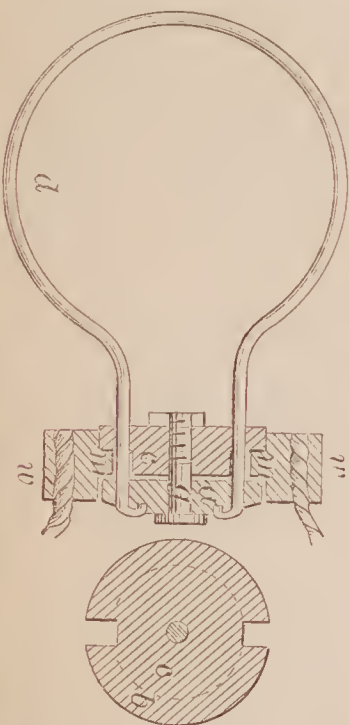
62781—J. Sangster—*Brick Machine.*



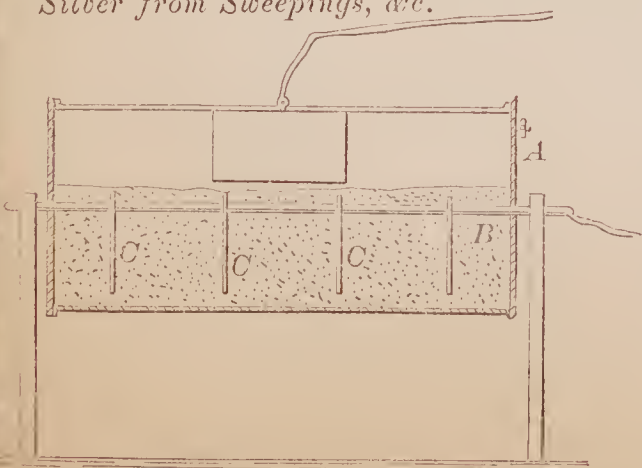
62782—J. N. Smith—*Brick Machine.*



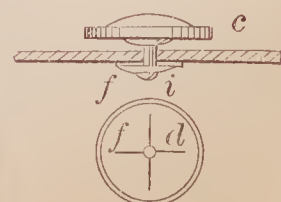
62780—C. S. Rundlett—*Cattle Tie.*



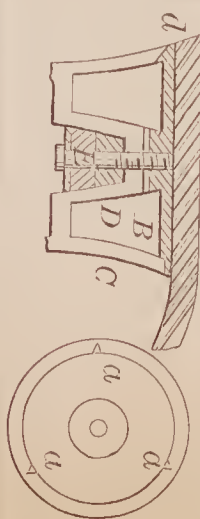
62776—J. H. Rae—*Collecting Gold and Silver from Sweepings, &c.*

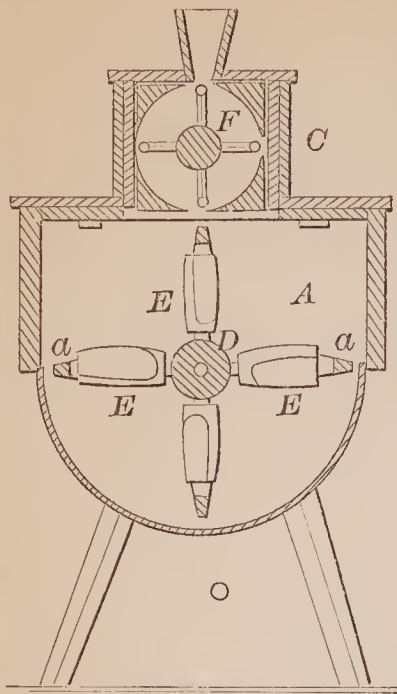


62781—C. F. Spencer—*Securing Buttons to Garments.*

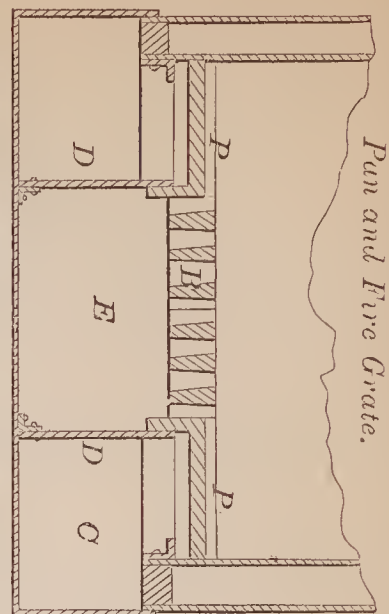
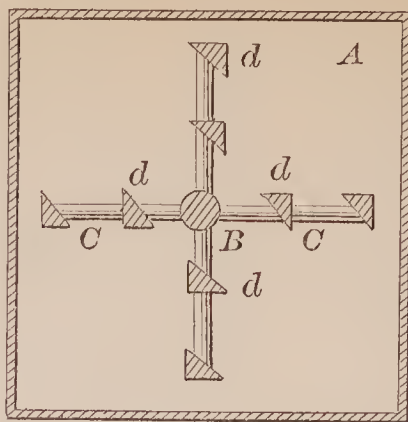
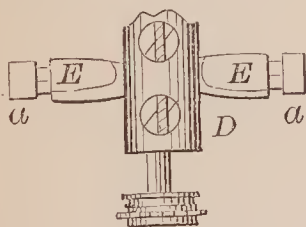


62783—H. S. Snow—*Boot Heel.*

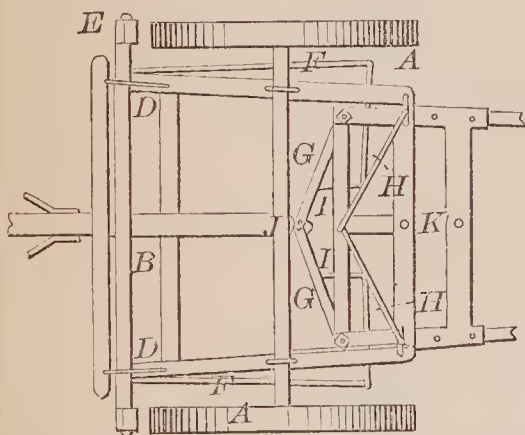




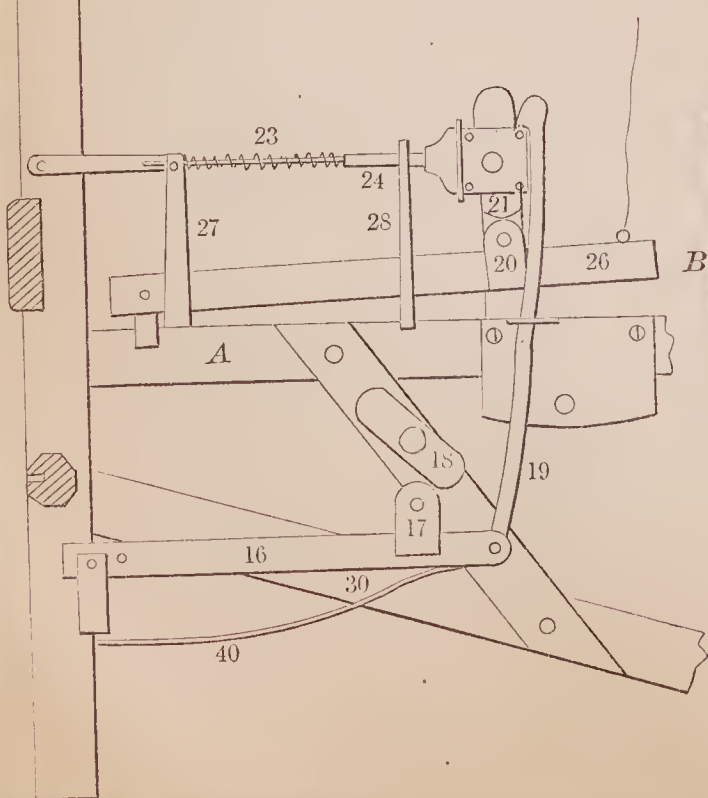
62785—W. H. Tumbling—Churn.

62786—W. B. Tucker—
Churn.62787—Lipton & Nichols—Locomotive Ash
Pan and Fire Grate.

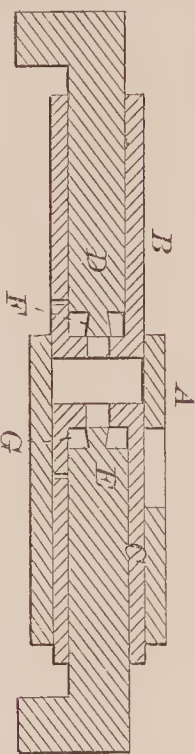
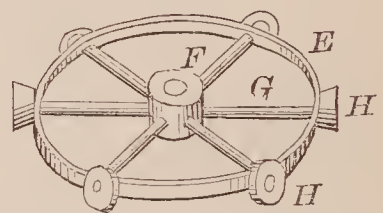
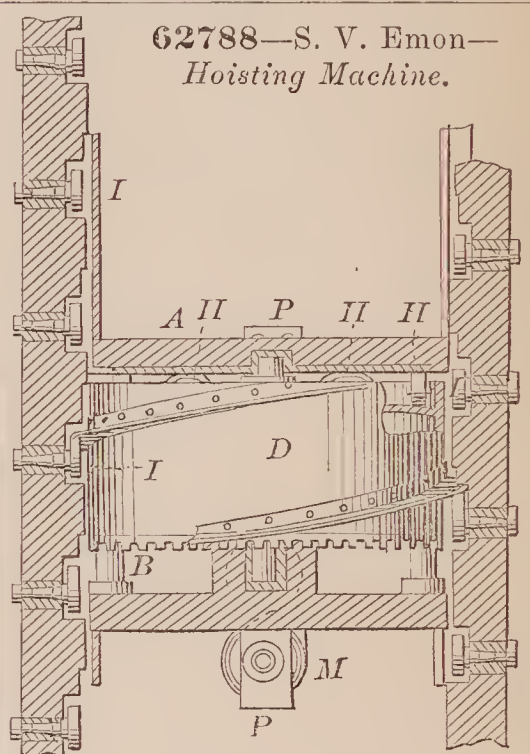
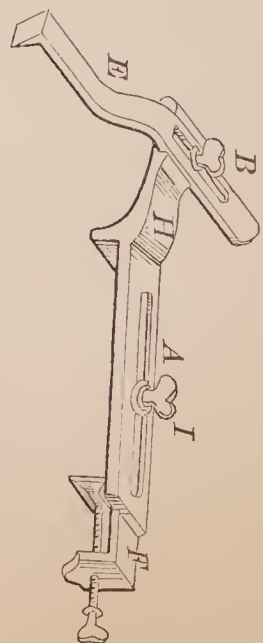
62789—A. Votaw—Wagon Brake.



62791—J. R. Weber—Loom.



62790—J. Watson—Brick Machine.

62788—S. V. Emon—
Hoisting Machine.62792—W. P. Wentworth—Clamp for
Clapboarding.

62793—L. Wetherell—*Forging Hammer.*

Fig. 12

Fig. 13

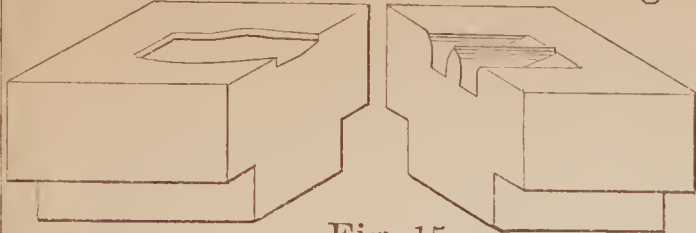


Fig. 1

Fig. 15

Fig. 11

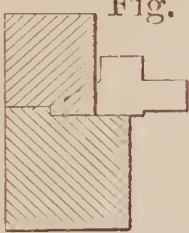
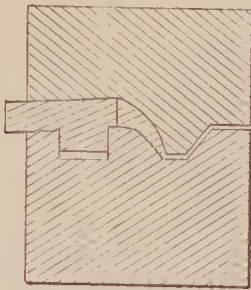
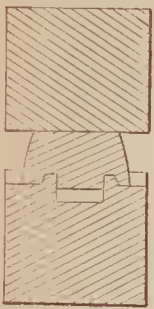
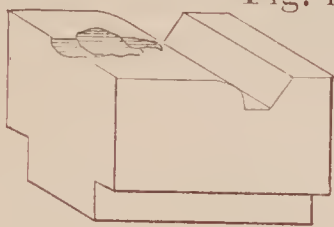
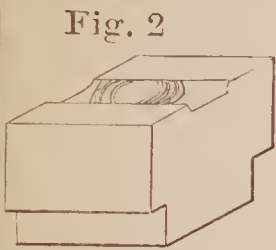
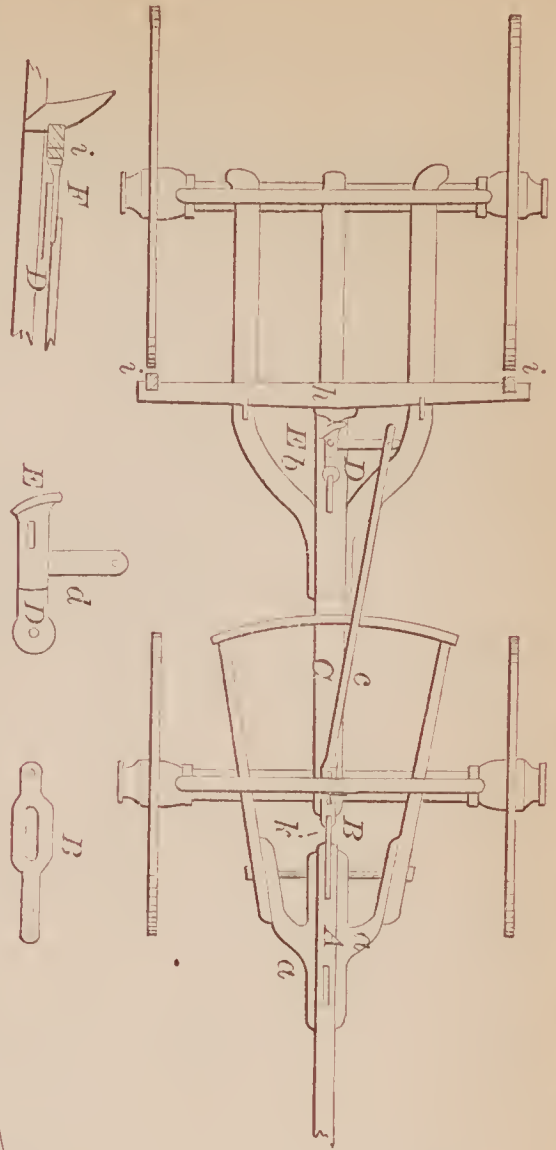


Fig. 2

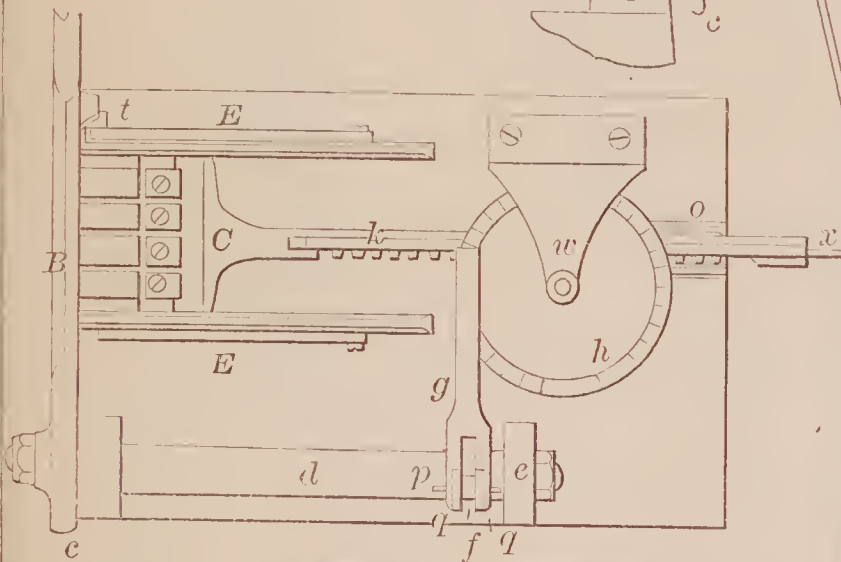
Fig. 16



62796—J. F. Wood—*Wagon Brake.*

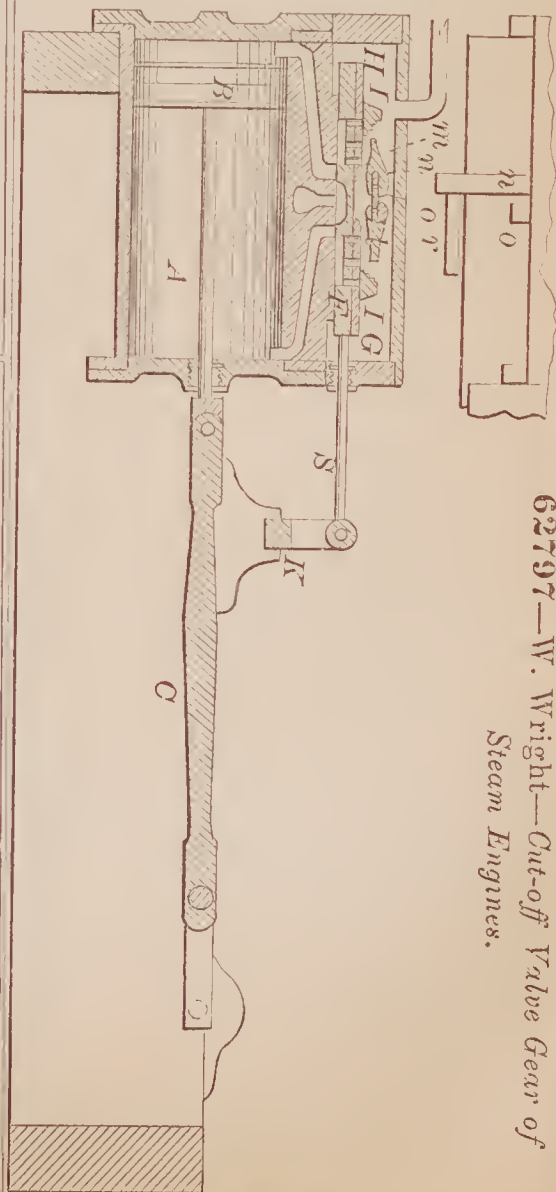
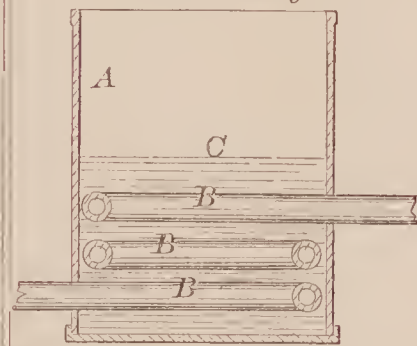


62799—C. J. Addy—*Tobacco Cutter.*



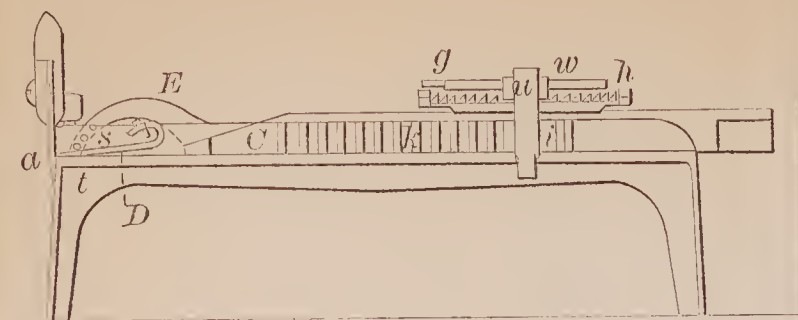
62794—O. C. White—*Dentist's Chair.*

62798—W. H. Young—*Preparing Petroleum for for Lubricating.*

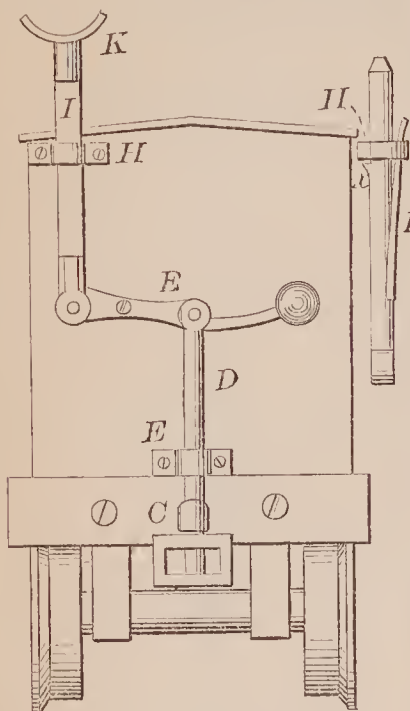
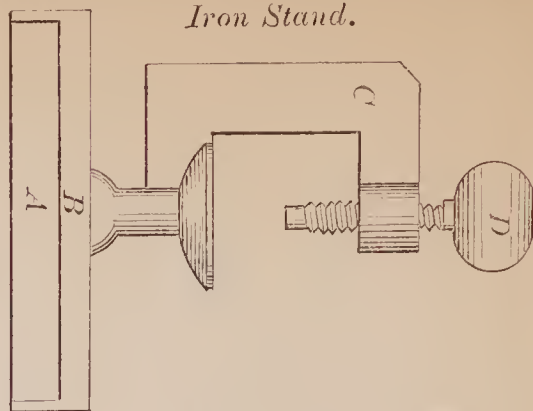


62797—W. Wright—*Cut-off Valve Gear of Steam Engines.*

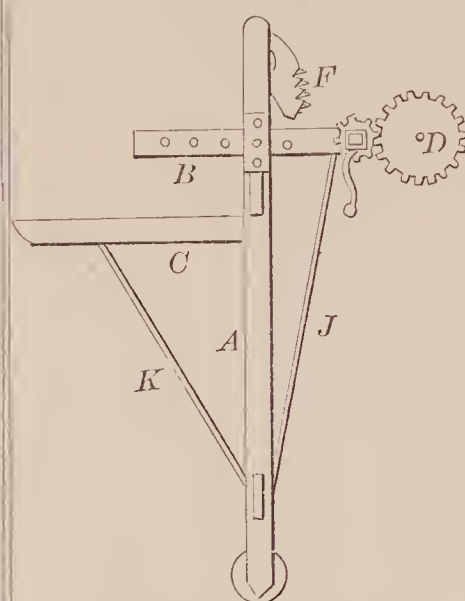
62799—Continued.



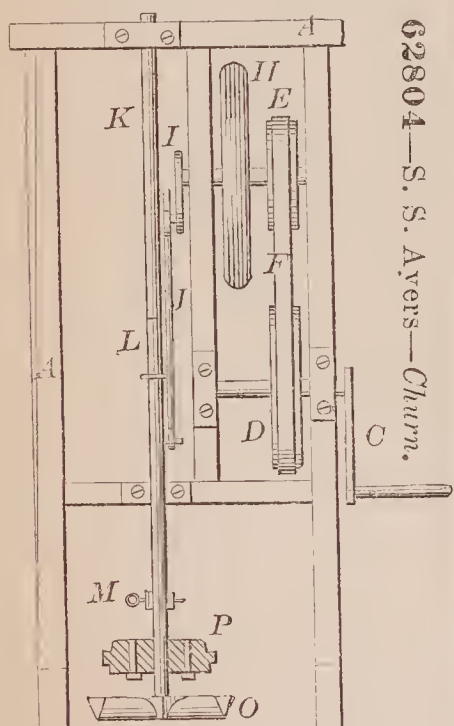
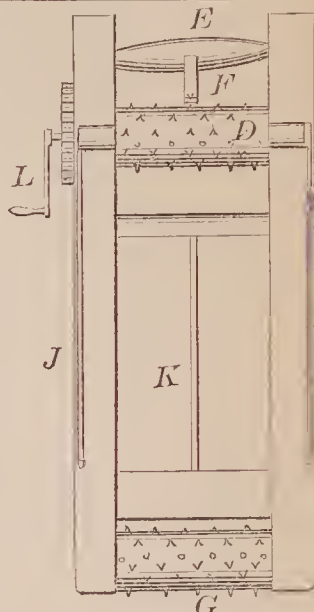
62800—C. W. Allen—Smoothing Iron Stand.



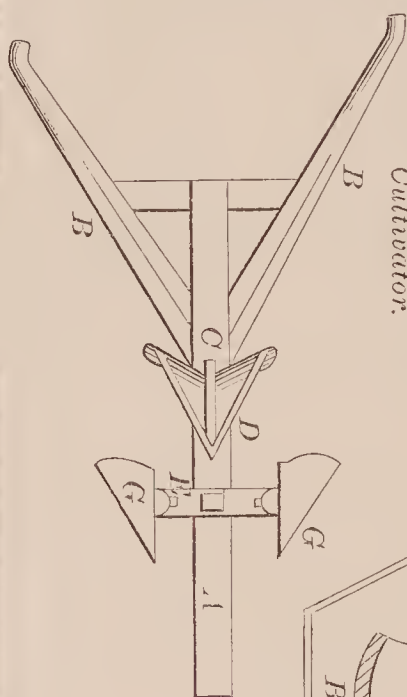
62803—R. S. Anall—Car Coupling.



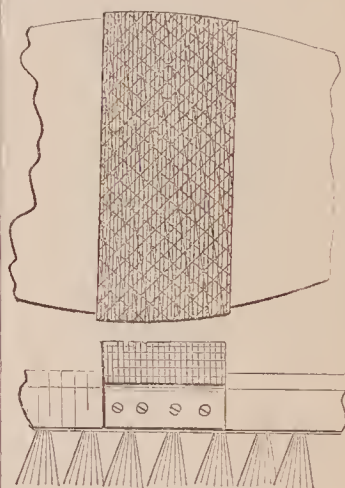
62806—L. J. Baker—Climbing Stage.



62804—S. S. Ayers—Churn.

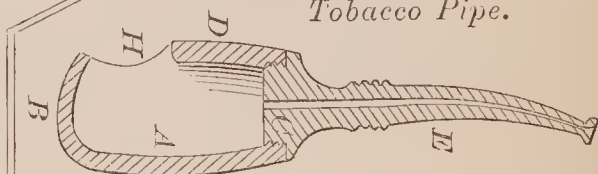


62808—A. S. Barnwell—Cultivator.

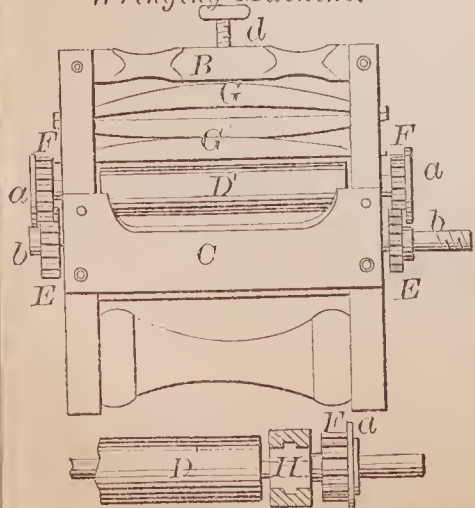


62801—C. Alvord—Brush Handle.

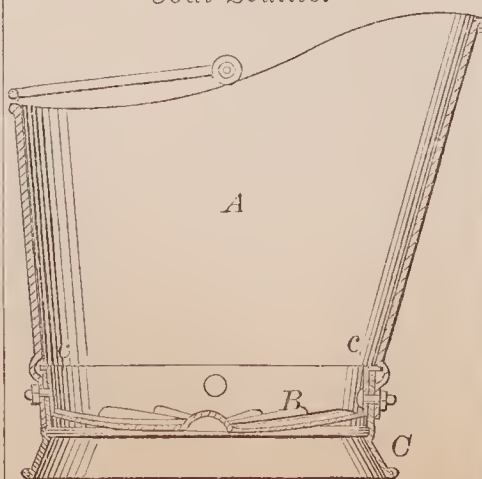
62802—S. Andrews—Tobacco Pipe.



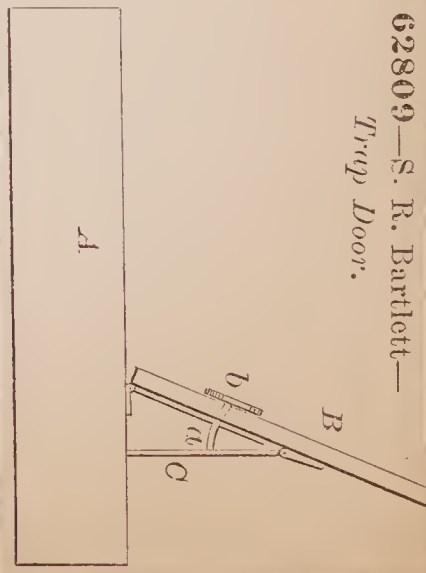
62805—S. A. Bailey—Wrining Machine.



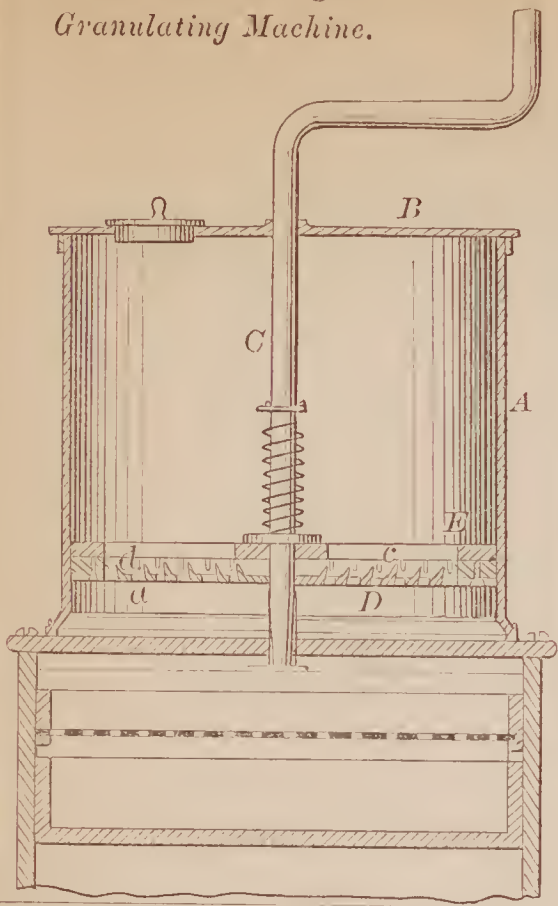
62807—Bardell & Smith—Coal Scuttle.



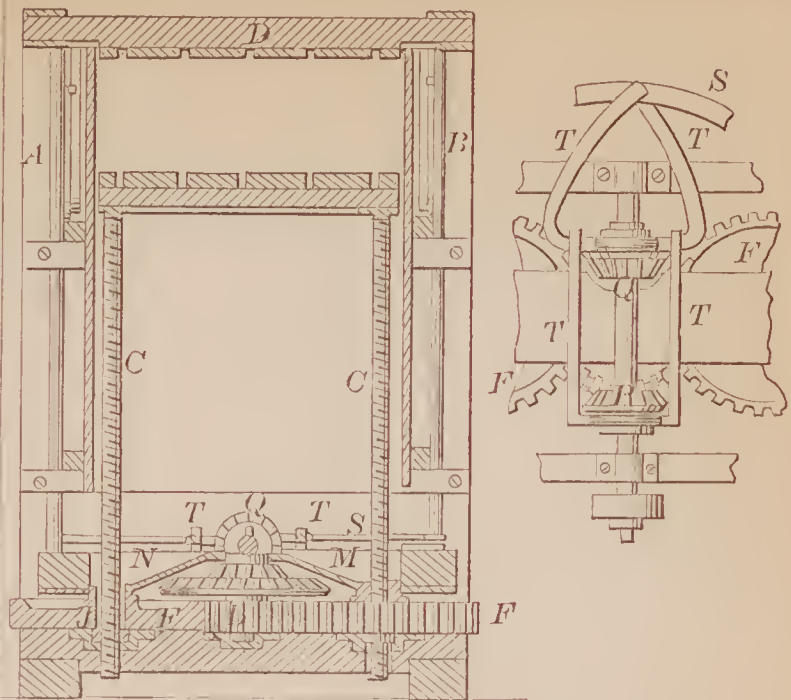
62809—S. R. Bartlett—Trap Door.



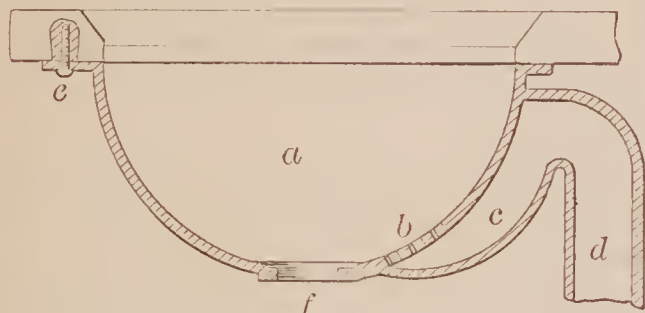
62811—N. H. Borgfeldt—*Tobacco Granulating Machine.*



62815—M. D. Check—*Baling Press.*



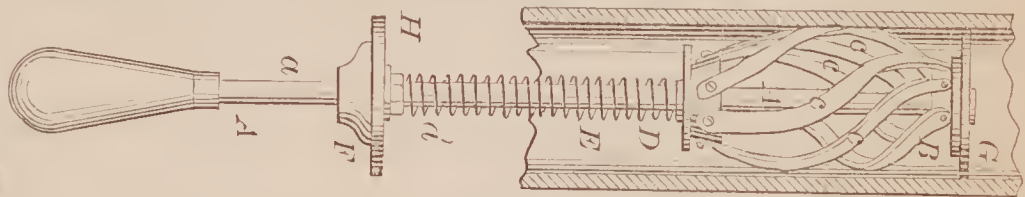
62812—H. Boyd—*Overflow Basin.*



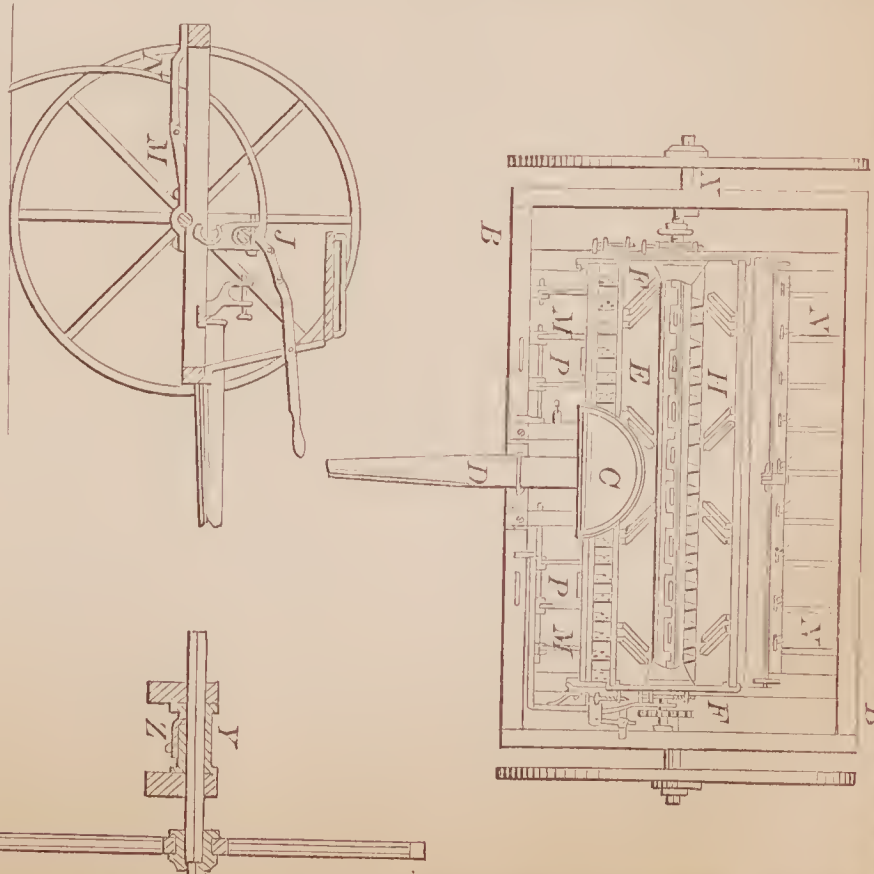
62814—M. C. Chamberlin—*Whiffletree.*



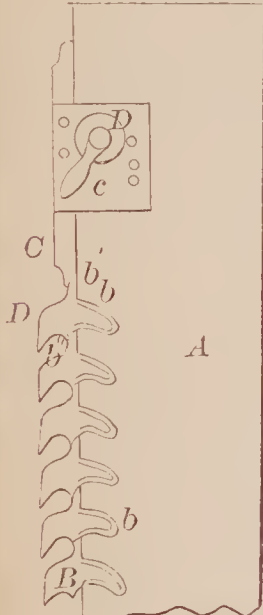
62816—J. B. Christoffel—*Boiler Tube Cleaner.*



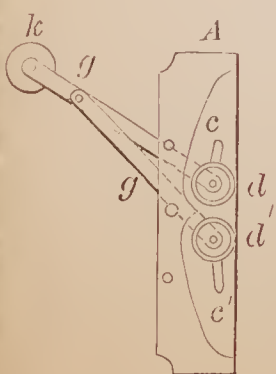
62818—R. J. Colvin—*Rake and Seeder.*

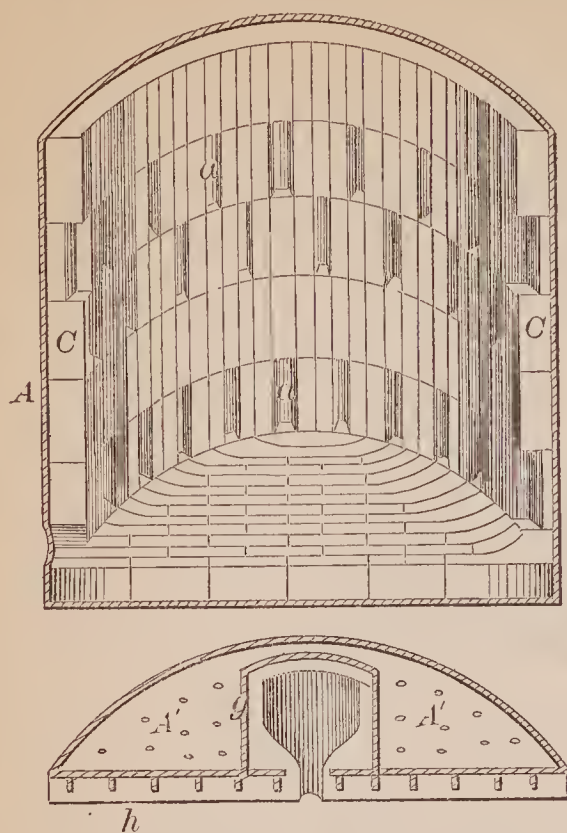
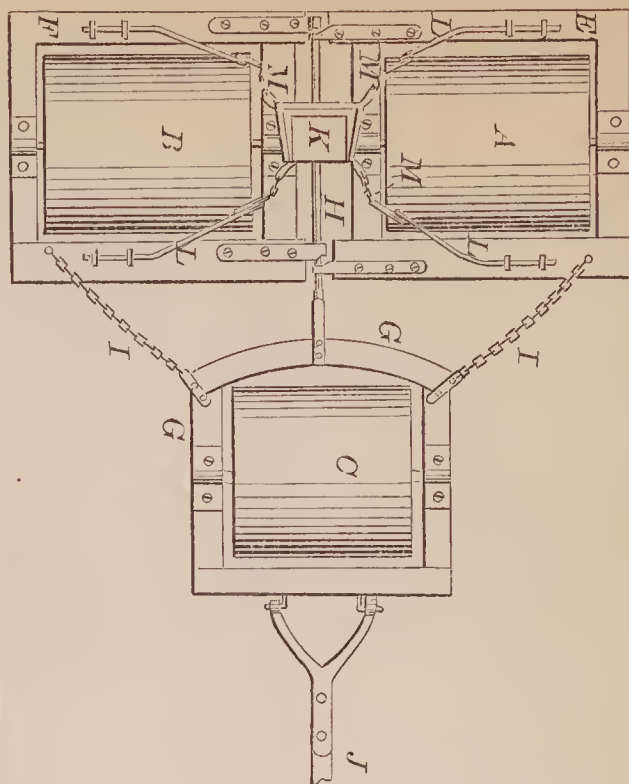
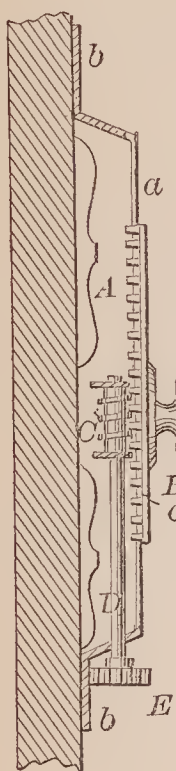
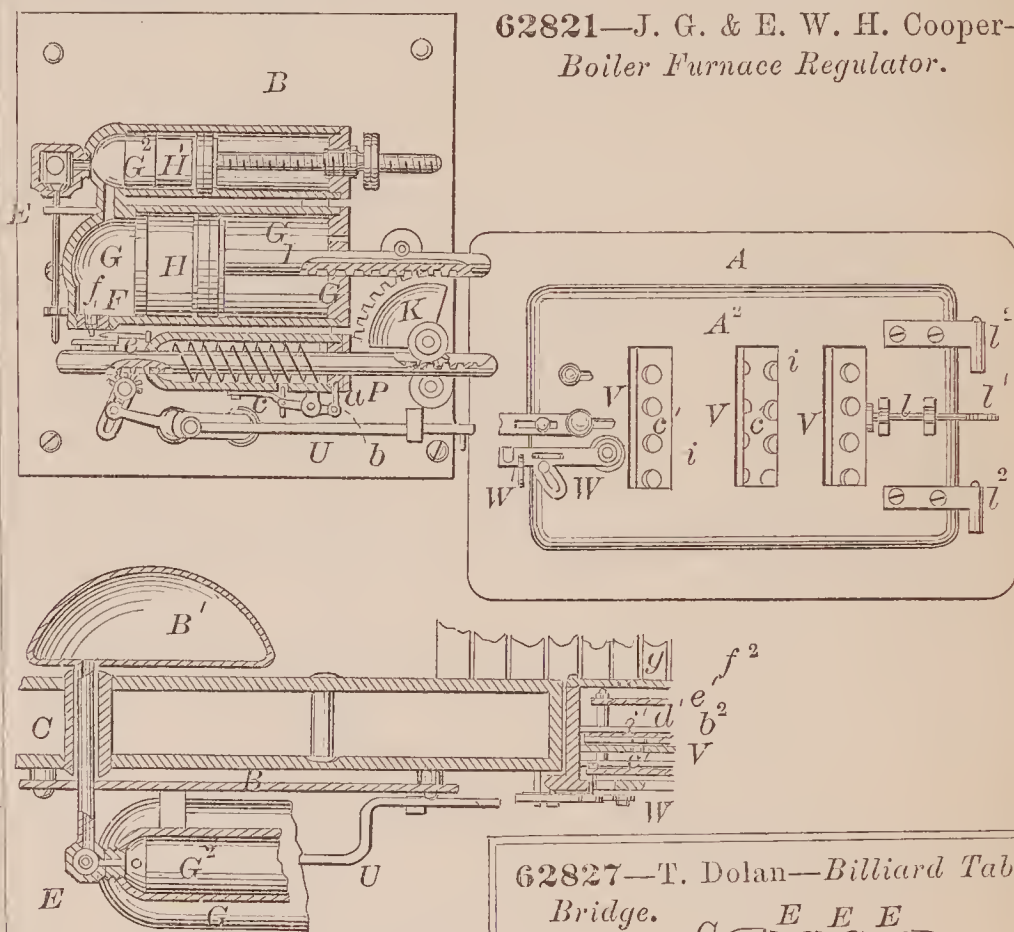
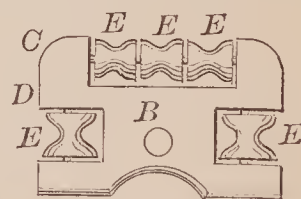
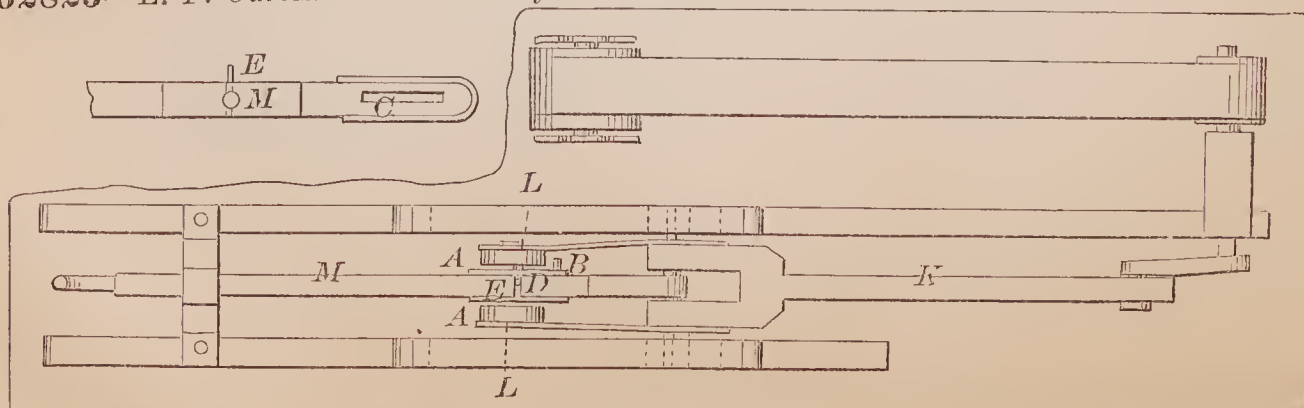


62813—L. S. & C. N. Brown—*Saw.*

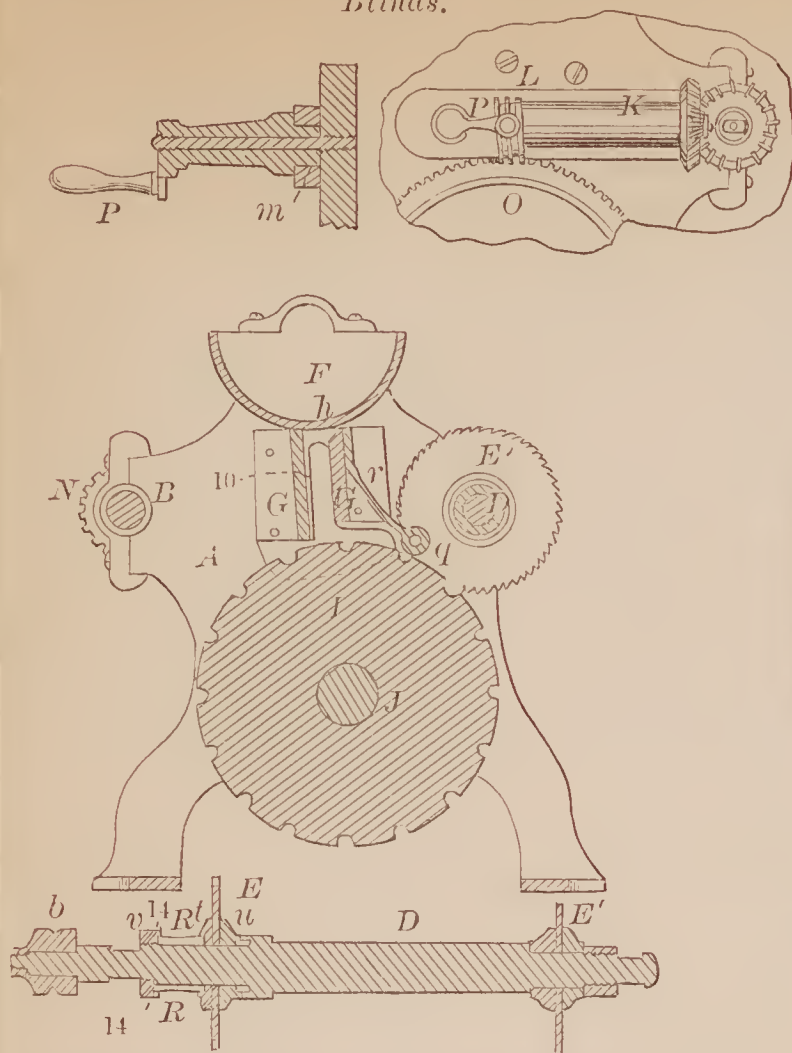


2817—J. K. Clark—*Sash Lock.*

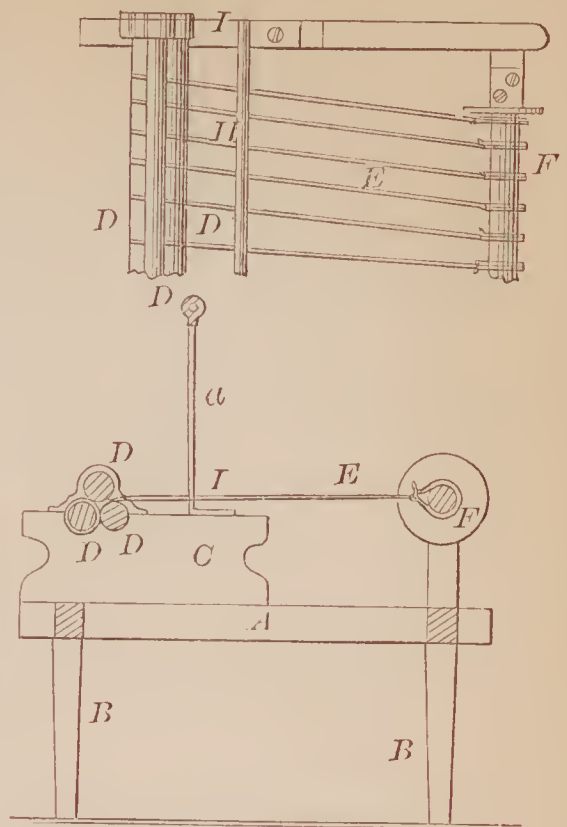


62819—A. G. Cook—*Iron Manufacture.*62822—H. R. Crowe—*Feed Roller.*62824—J. Cunningham—*Curtain Fixture.*62821—J. G. & E. W. H. Cooper—*Boiler Furnace Regulator.*62826—A. D. De Puy—*Stereotype Plate Holder.*62827—T. Dolan—*Billiard Table Bridge.*62825—E. P. Curtiss—*Piston Rod for Steam Power, &c.*

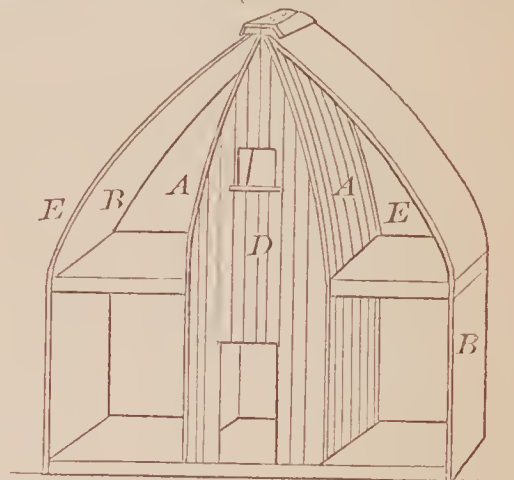
62829—L. H. Dwelley—*For Cutting Rolls of Blinds.*



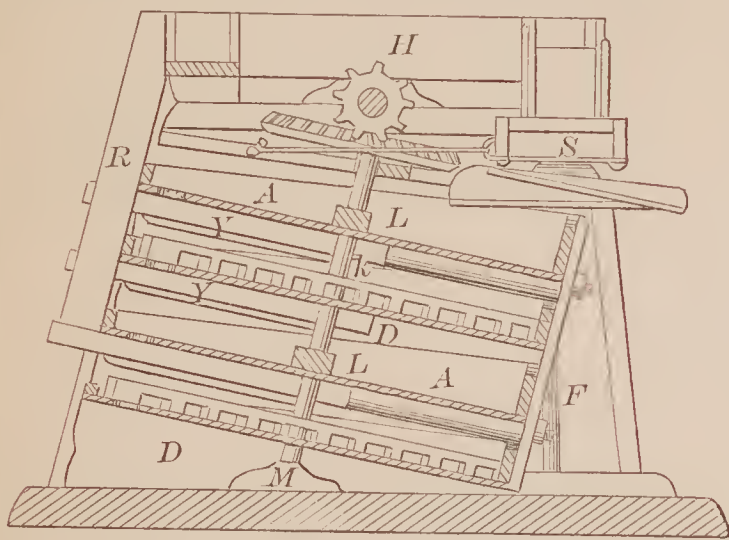
62830—O. F. Fitch—*Carding Engine.*



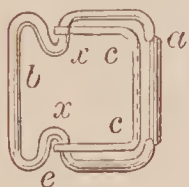
62831—D. Fitzgerald—*Portable House.*



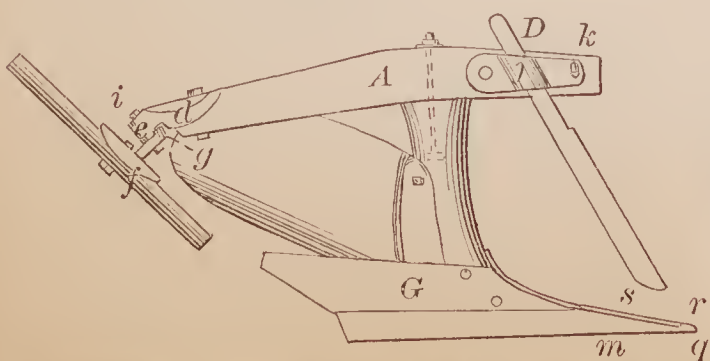
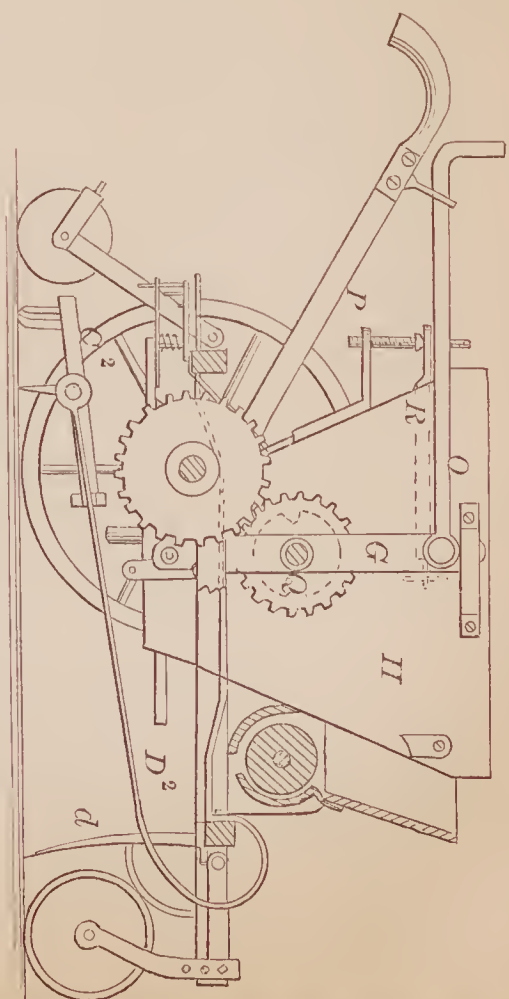
62833—D. L. Furmer—*Washing Sand, &c.*

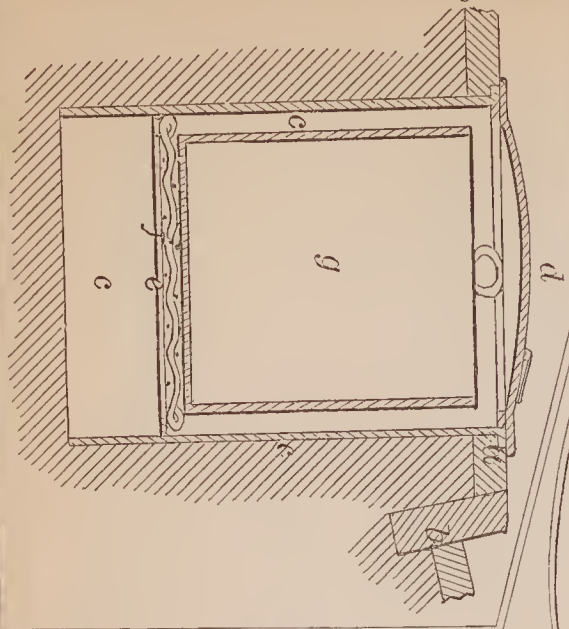
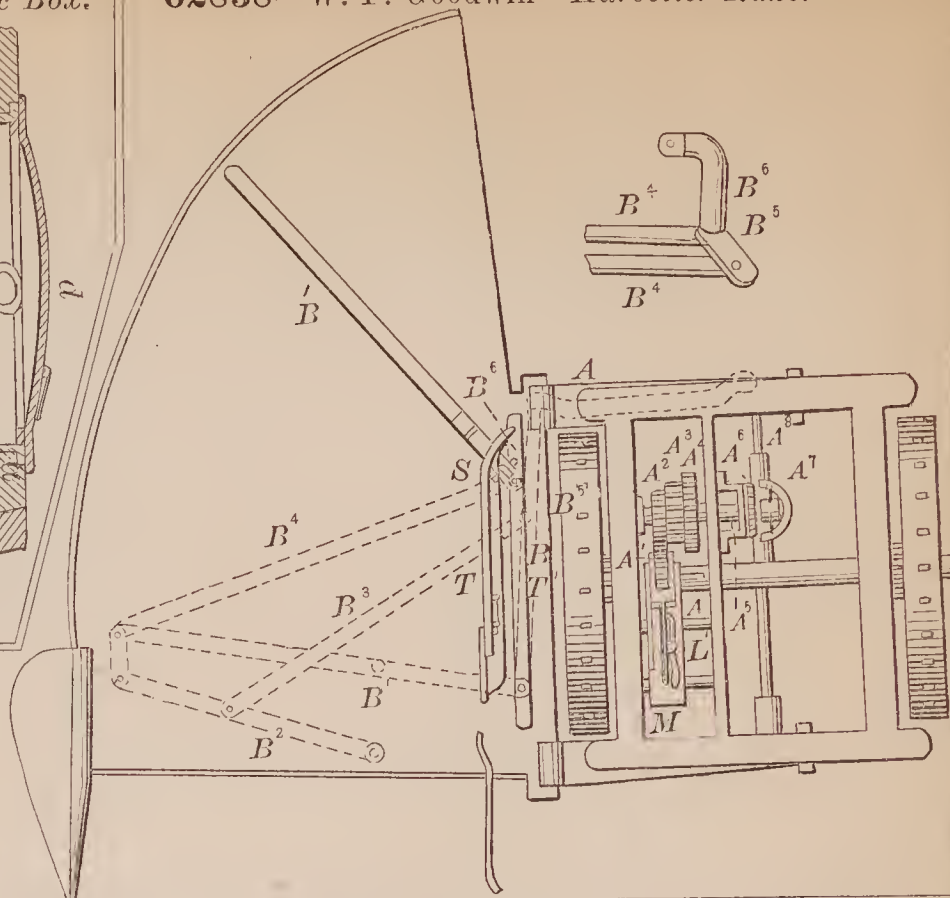
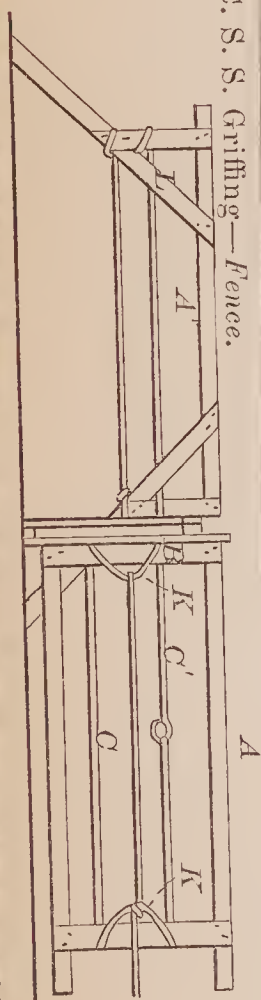
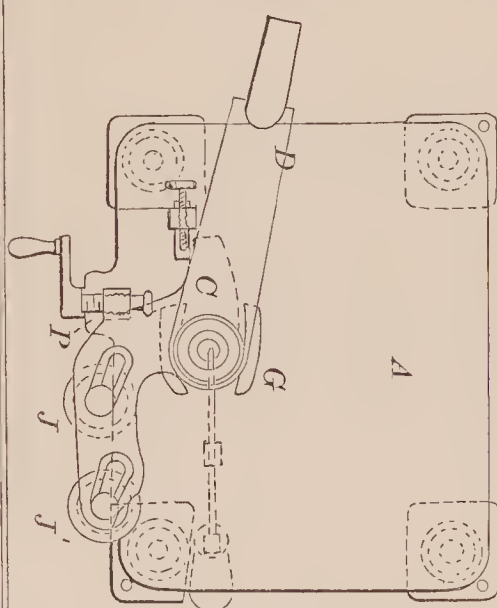
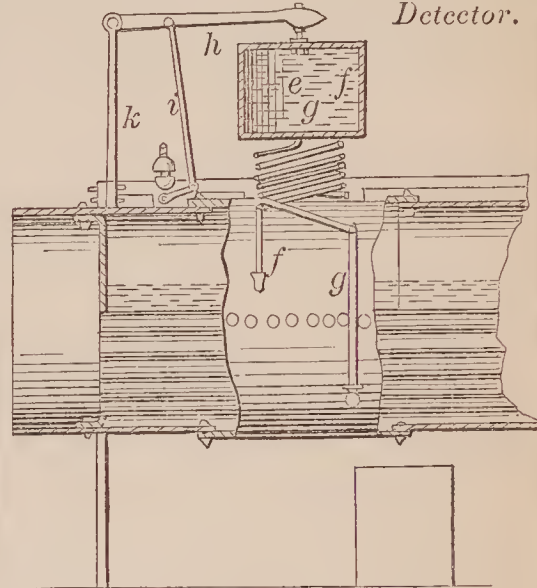
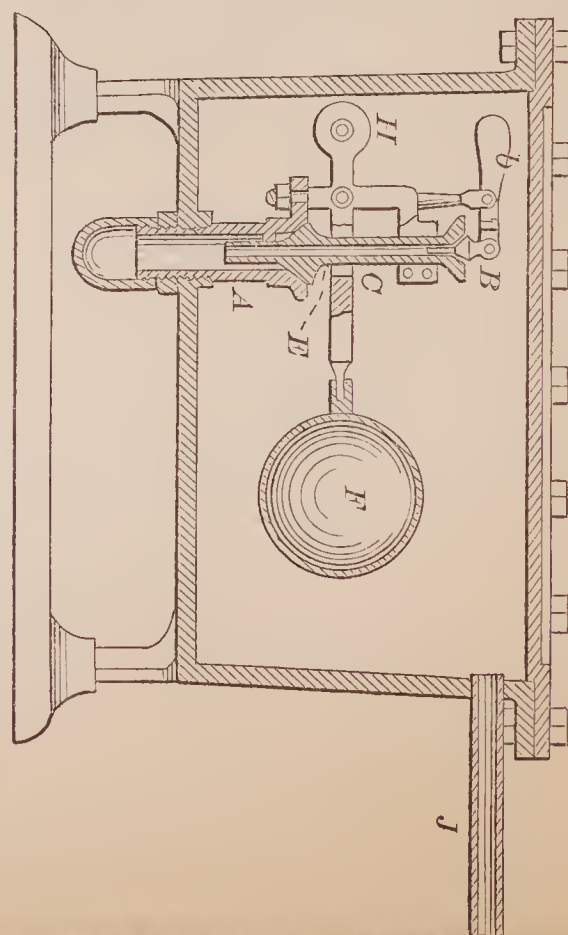
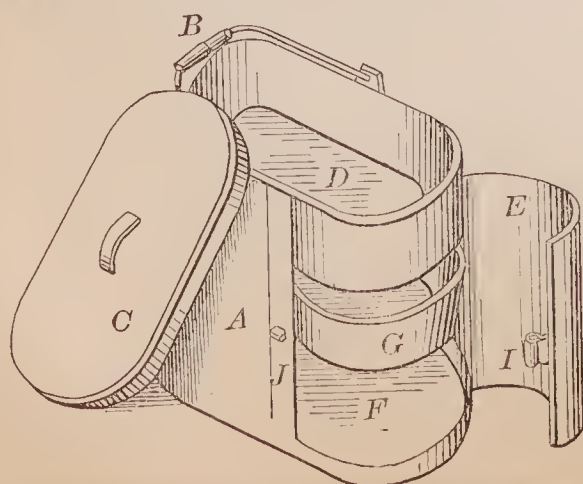


62832—M. Fowler—*Buckle.*

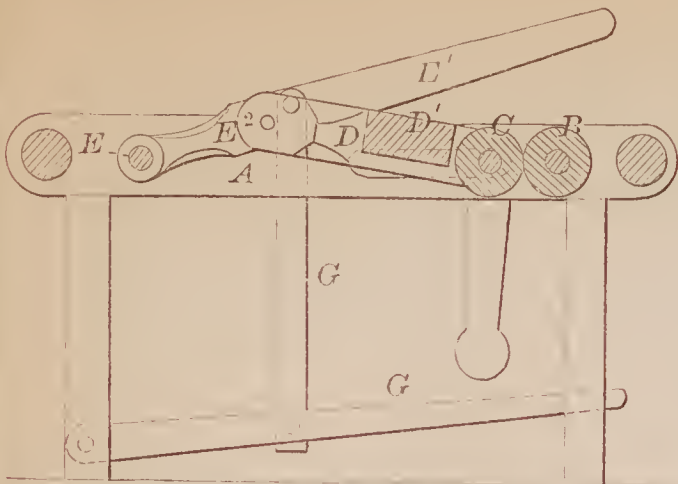


62835—L. Gibbs—*Plow.*

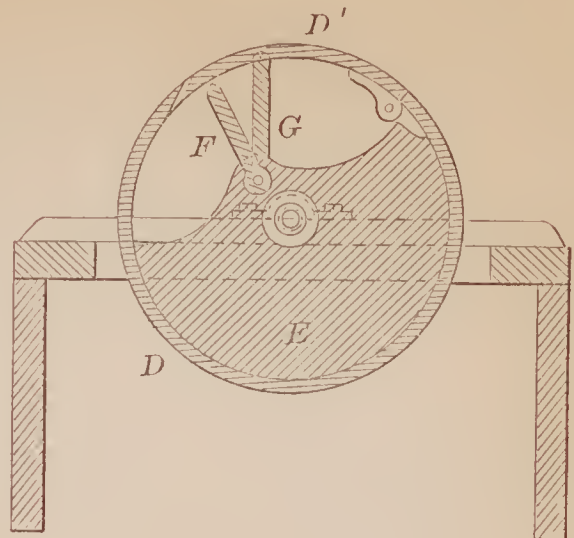
62834—C. C. Garrett—*Corn and Cotton Seed Planter.*

62836—M. Gilbert—*Garbage Box.*62838—W. F. Goodwin—*Harvester Rake.*62840—C. S. S. Griffing—*Fence.*62839—R. M. Green—*For Bending Cable Links.*62837—J. E. Gillespie—*Low Water Detector.*62841—J. Hugue—*Steam Trap.*62842—J. Haines—*Dinner Bucket.*

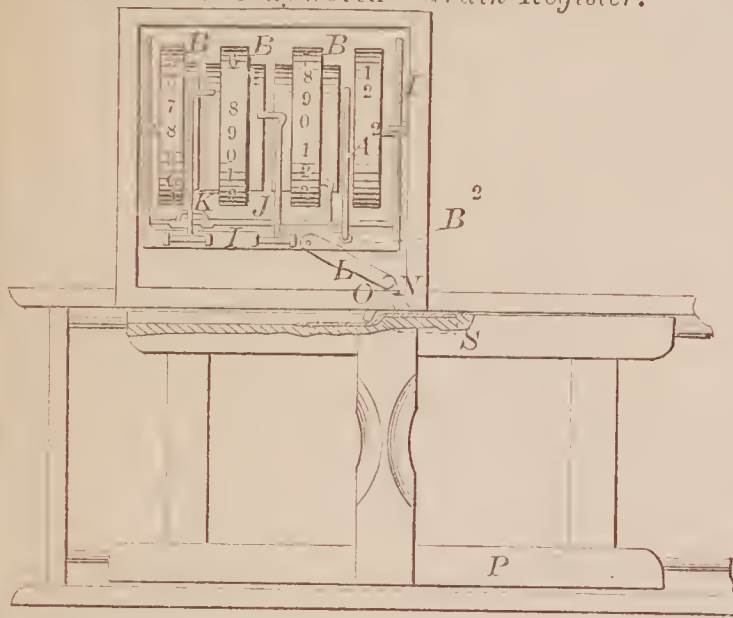
62843—L. Hannum—*Clothes Wringer.*



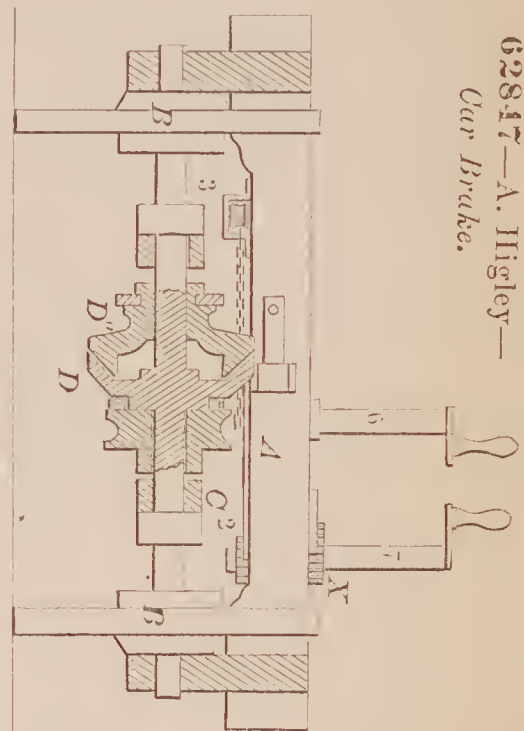
62844—T. Hanvey—*Cheese Box Machine.*



62845—L. O. Hayworth—*Grain Register.*



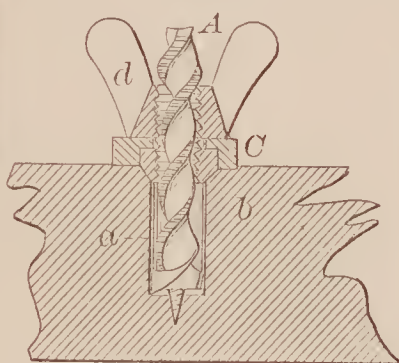
62847—A. Higley—*Car Brake.*



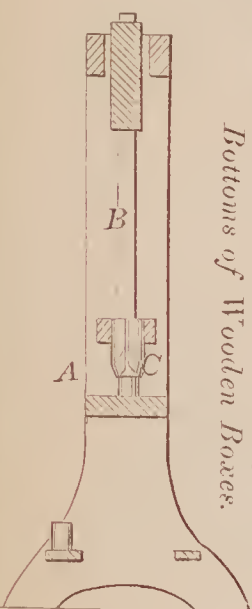
62848—L. Hill—*Corset Clasp.*



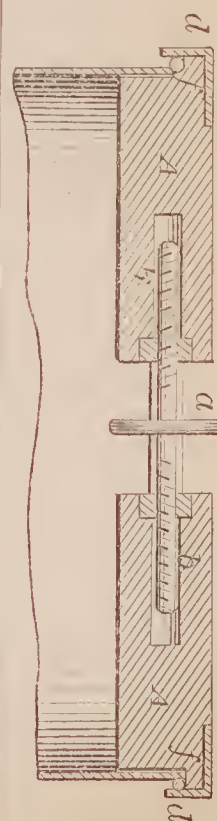
62849—T. Hofstatter, Jr.—*Auger.*



62846—E. Hersey—*For Cutting Heads and Bottoms of Wooden Boxes.*



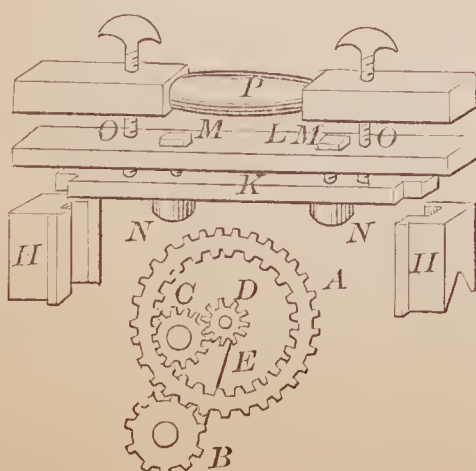
62852—J. S. Jennings—*Boiler Form.*



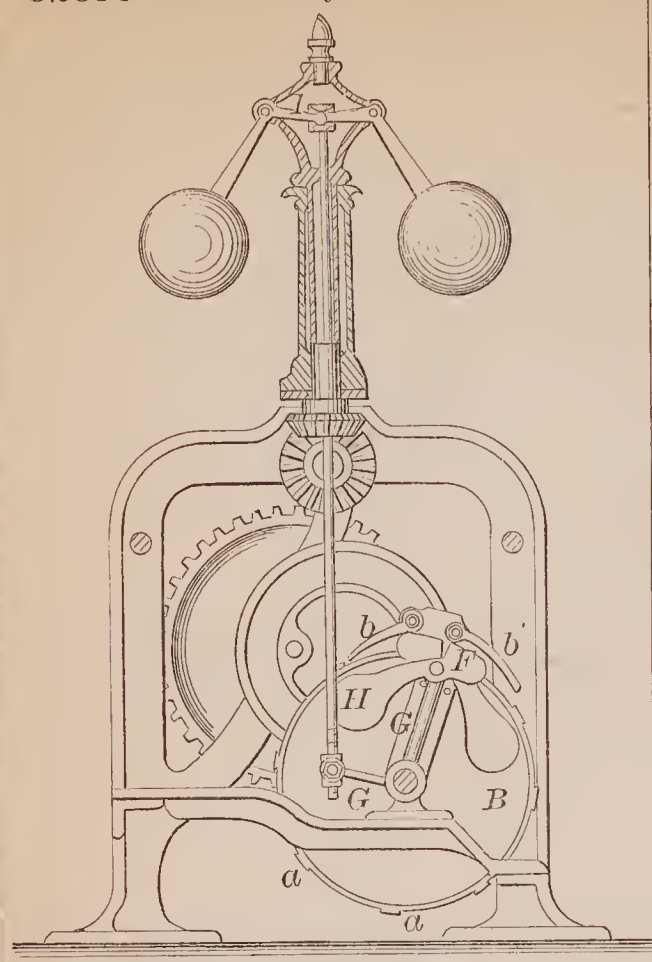
62850—Hoyt & Whitney—*Step Attachment for Berths.*



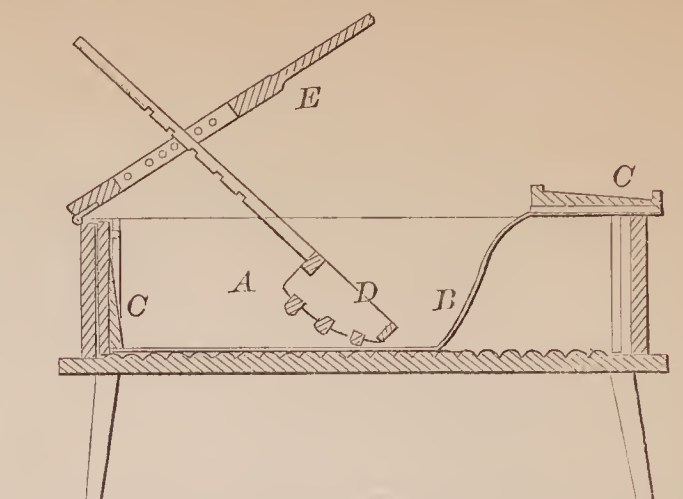
62851—R. B. Hugunin—*Wringing Machine.*



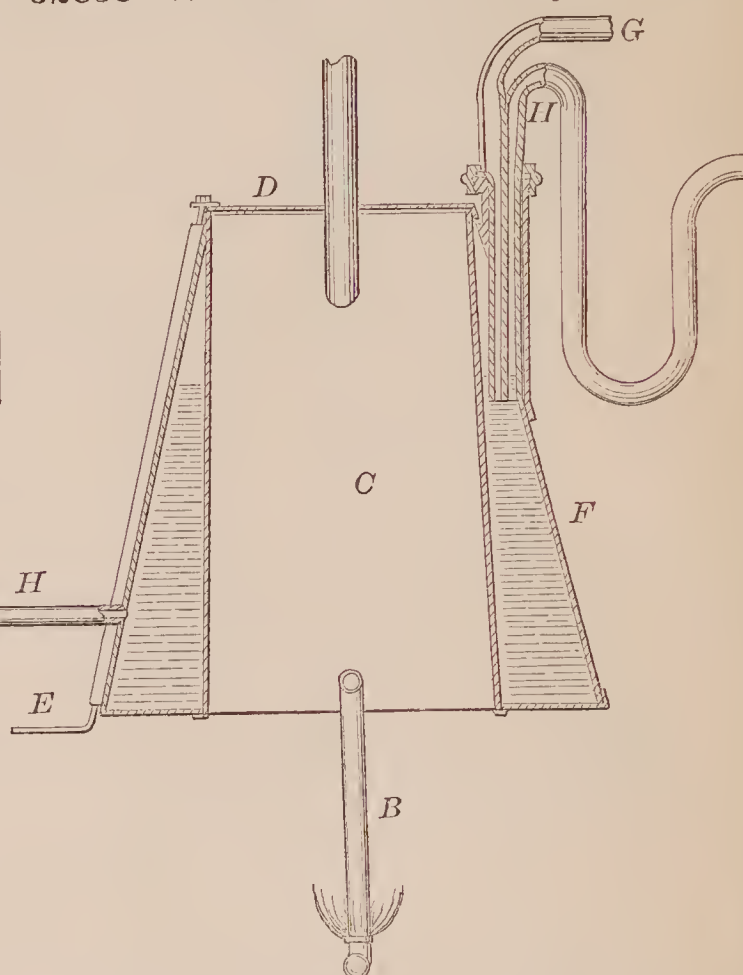
62853—O. A. Kelly—*Governor.*



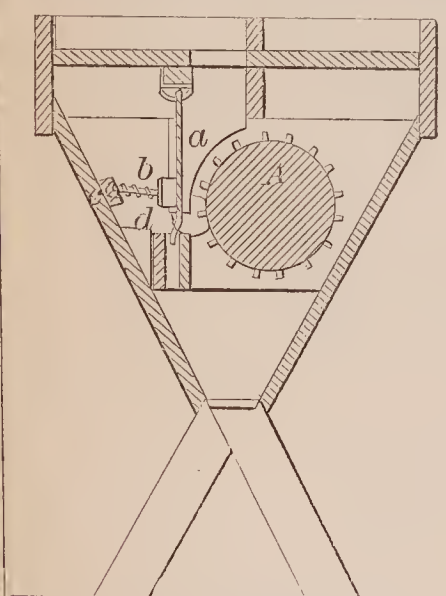
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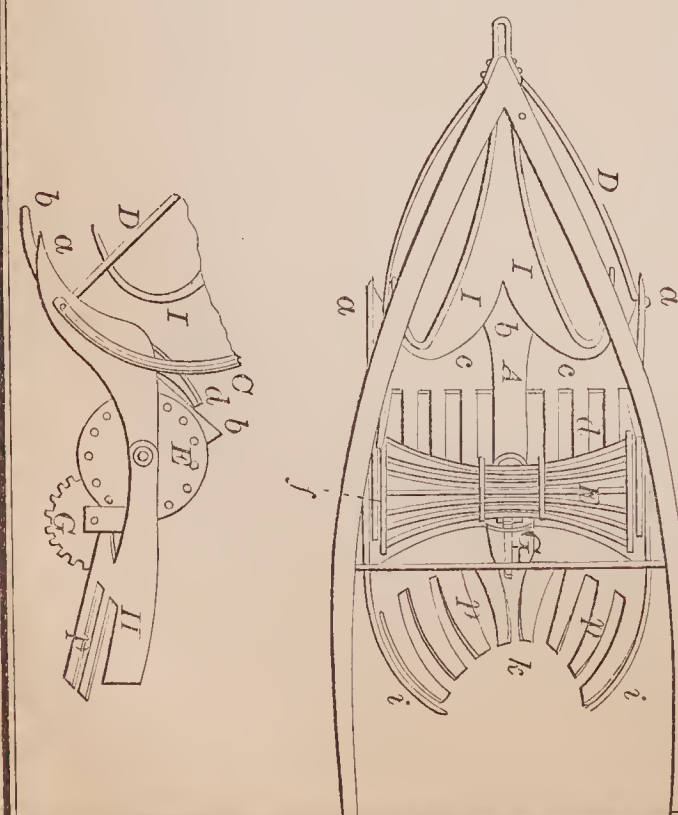
62855—J. Kidd—*For Carburetting Gas, &c.*



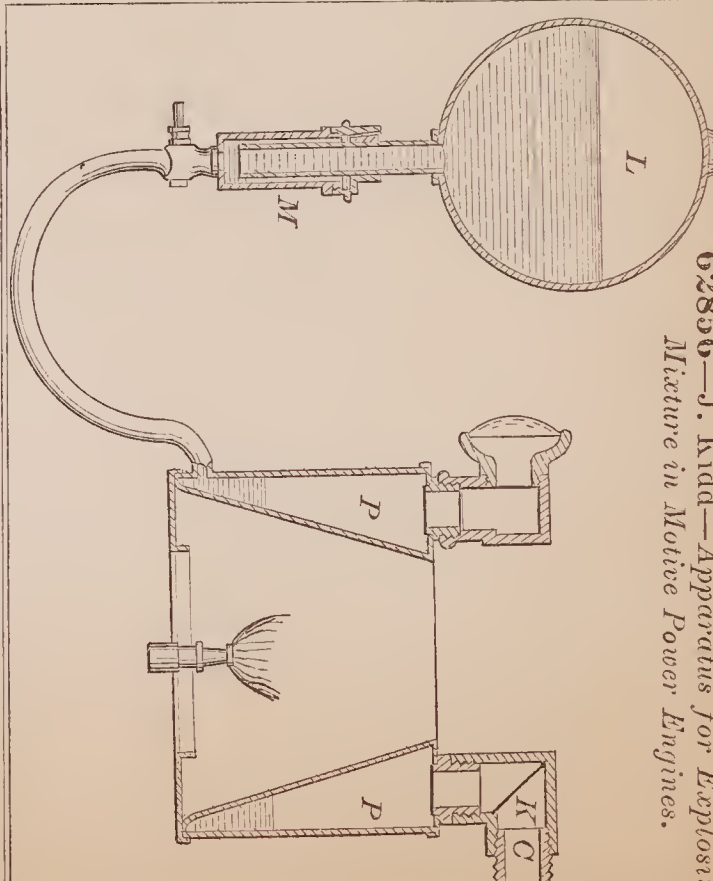
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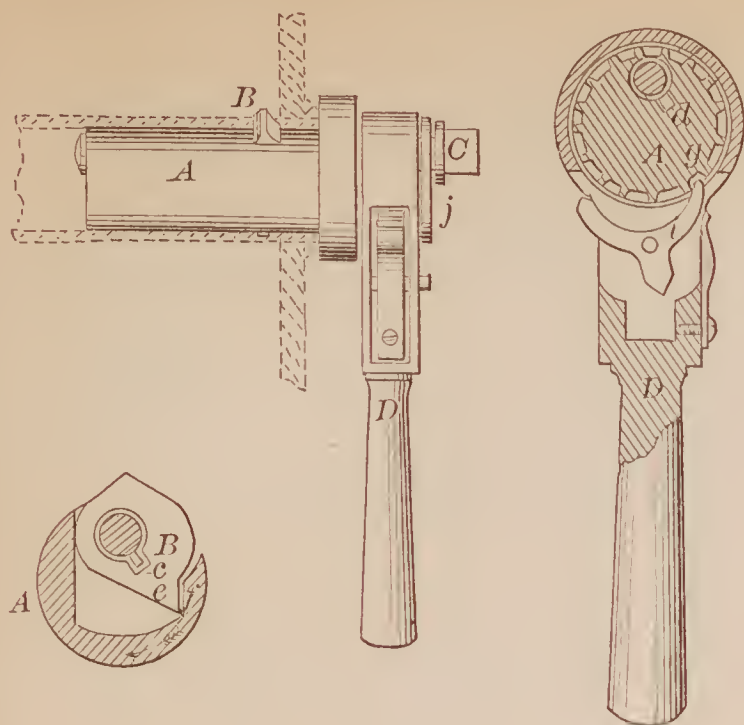
62858—H. J. Kintz—*Potato Digger*.



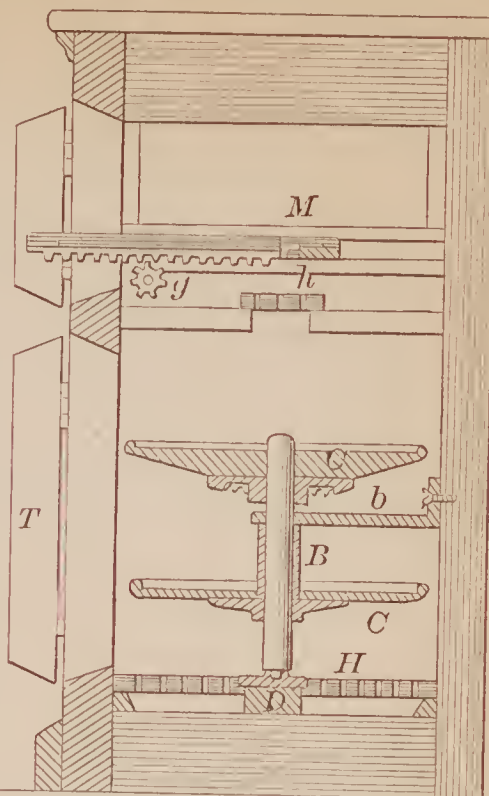
62856—J. Kidd—Apparatus for Explosive Mixture in Motive Power Engines.



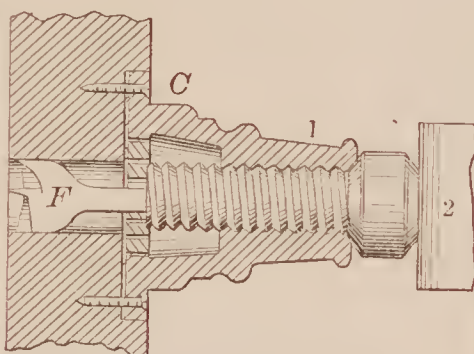
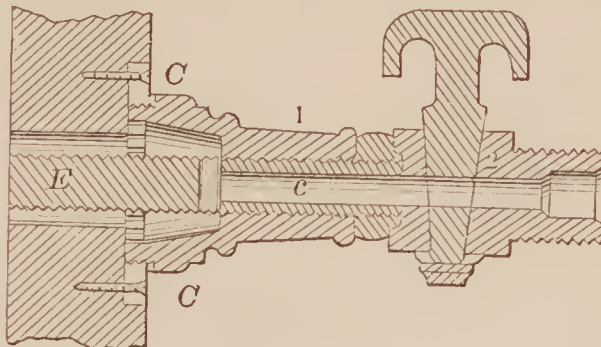
62859—R. Lavery—*For Cutting off Boiler Tubes.*



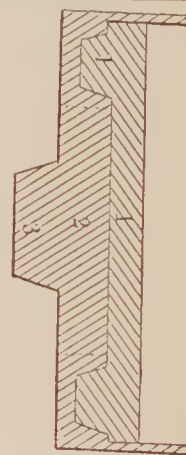
62860—P. Lawson—*Refrigerating, Cooling and Preserving Apparatus.*



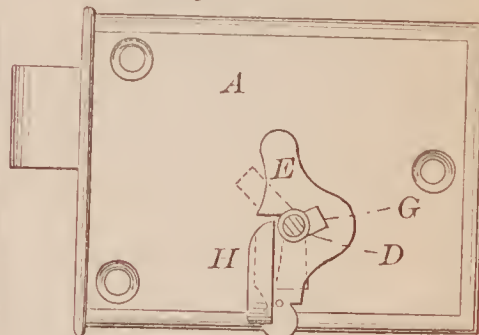
62864—T. Marsh—*Beer Faucet.*



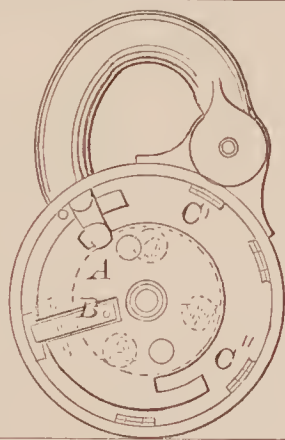
62867—D. L. McDonell—*Horse Shoe.*



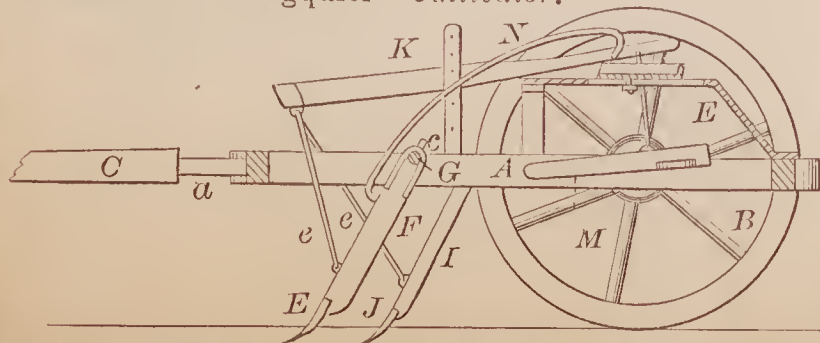
62865—F. J. May—*Safety Key Holder.*



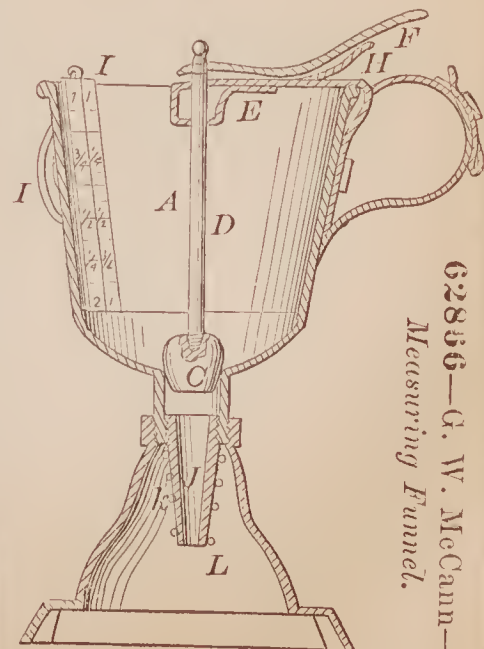
62862 A. Leyden—*Combination Padlock.*

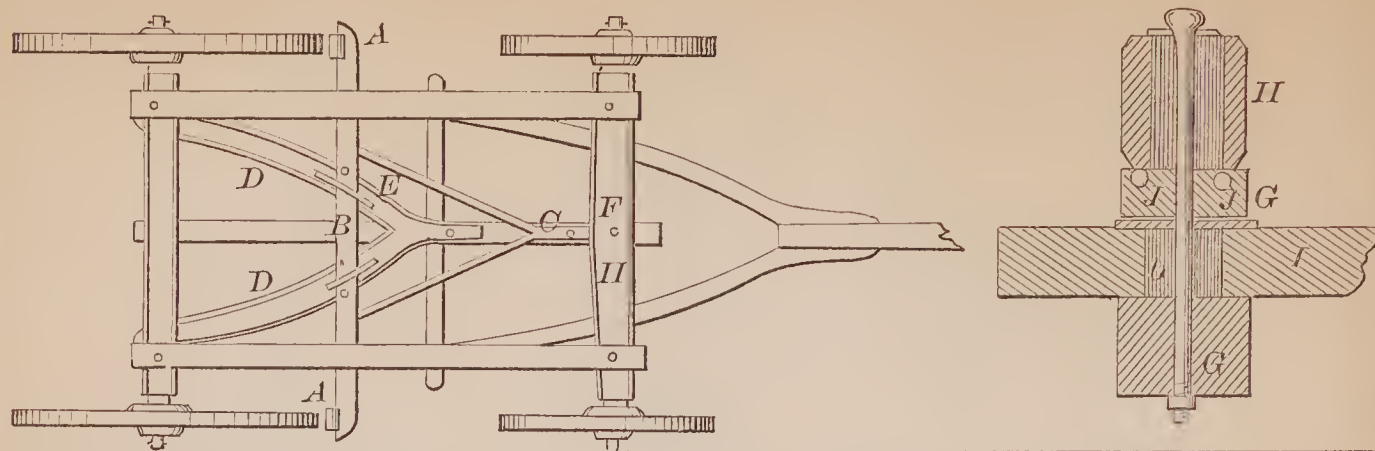
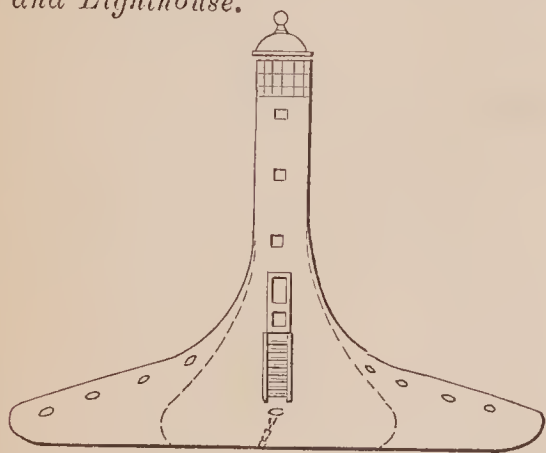
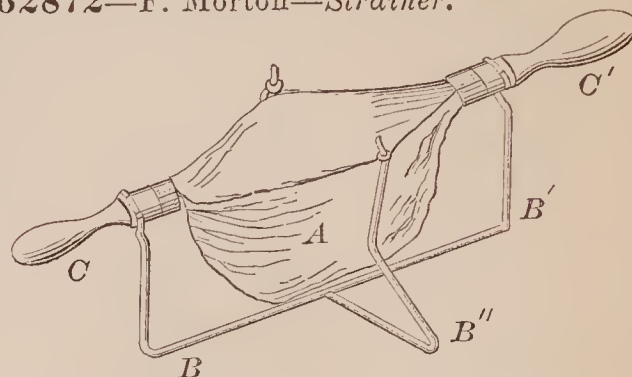
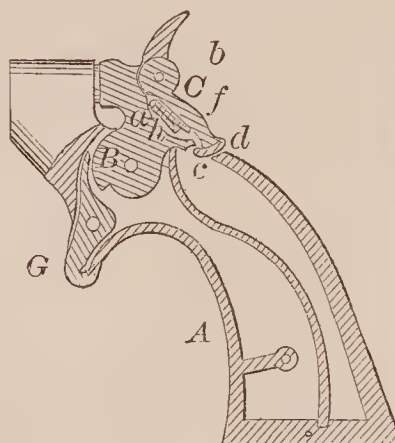
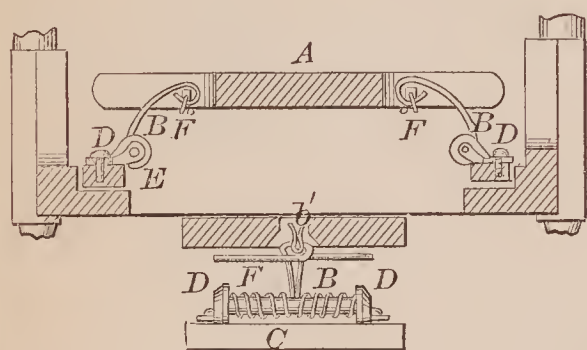
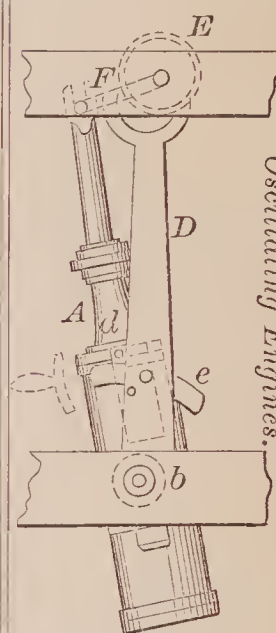
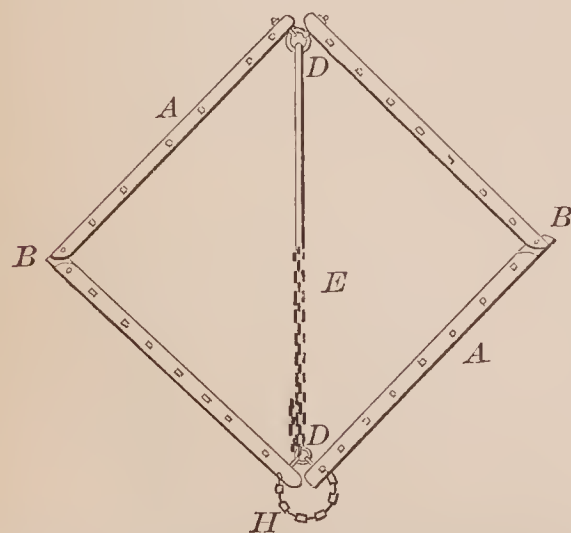
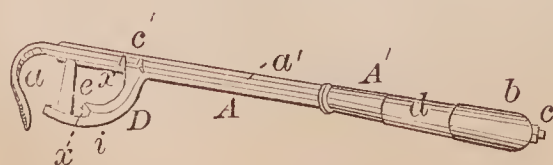
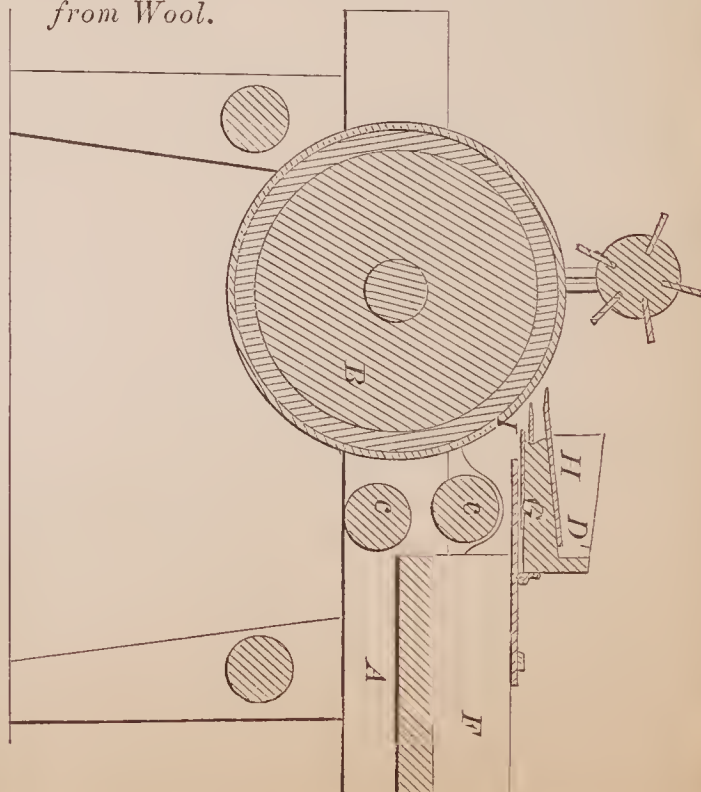


62868—C. F. Megquier—*Cultivator.*

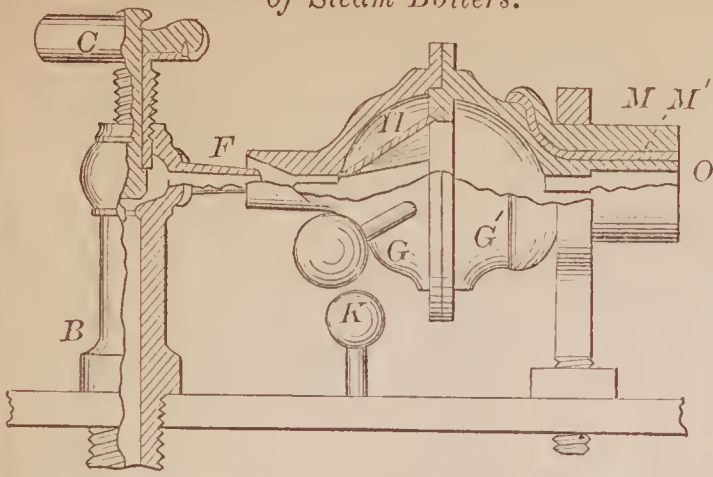


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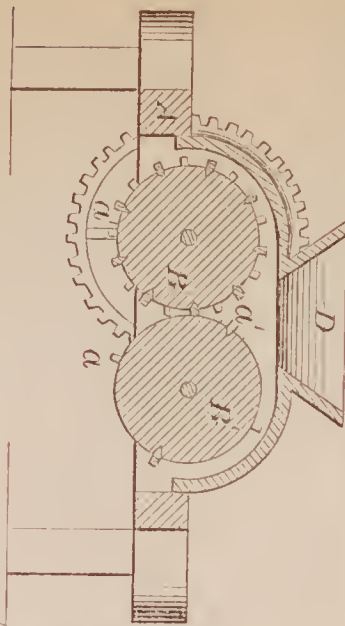


62869—W. D. Miller—*Automatic Wagon Brake.*62870—J. Moody—*Floating Battery and Lighthouse.*62872—F. Morton—*Strainer.*62873—A. S. Munger—*Breech-Loading Fire-Arm.*62871—T. B. Moore—*Bed Bottom.*62874—J. H. Merrill—*Valve Gear for Oscillating Engines.*62875—G. Ogg—*Harrow.*62876—I. E. & J. A. Overpeck—*Cane Stripper.*62877—Z. Parkhurst—*For Removing Burrs from Wool.*

62878—G. T. Parry—*Preventing Incrustation of Steam Boilers.*



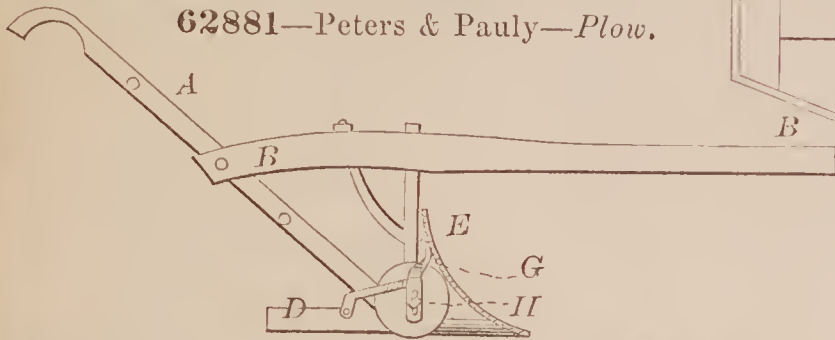
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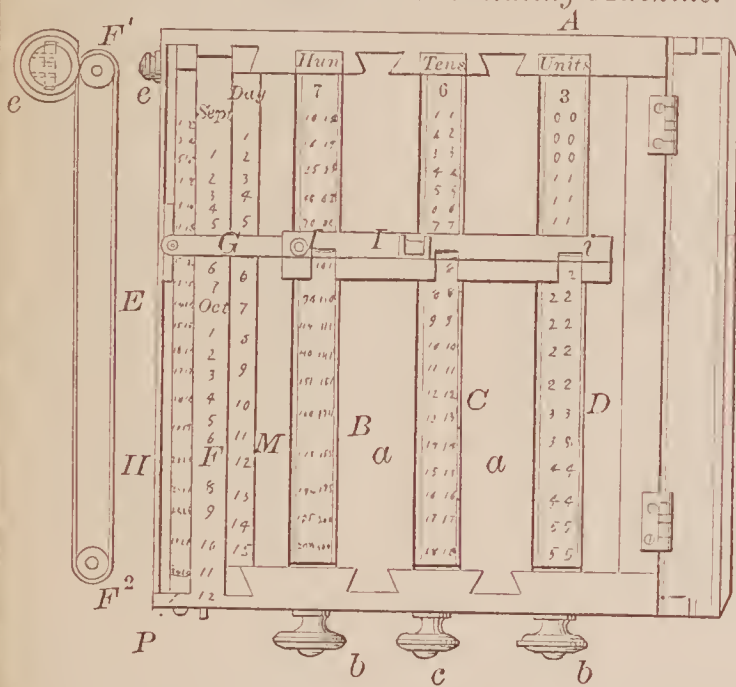
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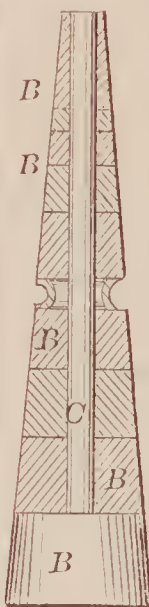
62881—Peters & Pauly—*Plow.*



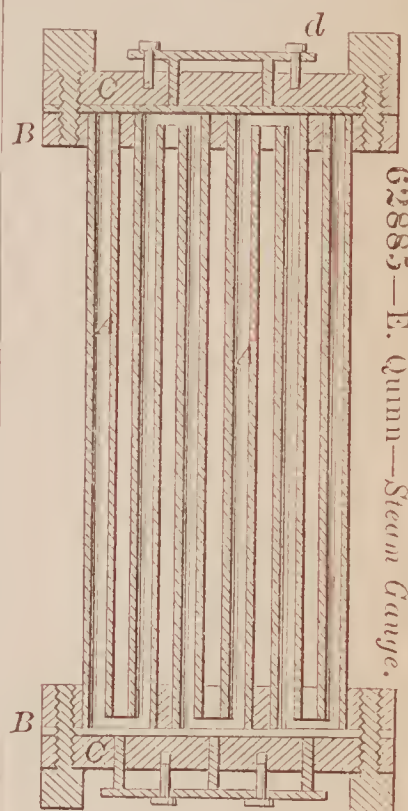
62882—A. C. Pierson—*Calculating Machine.*



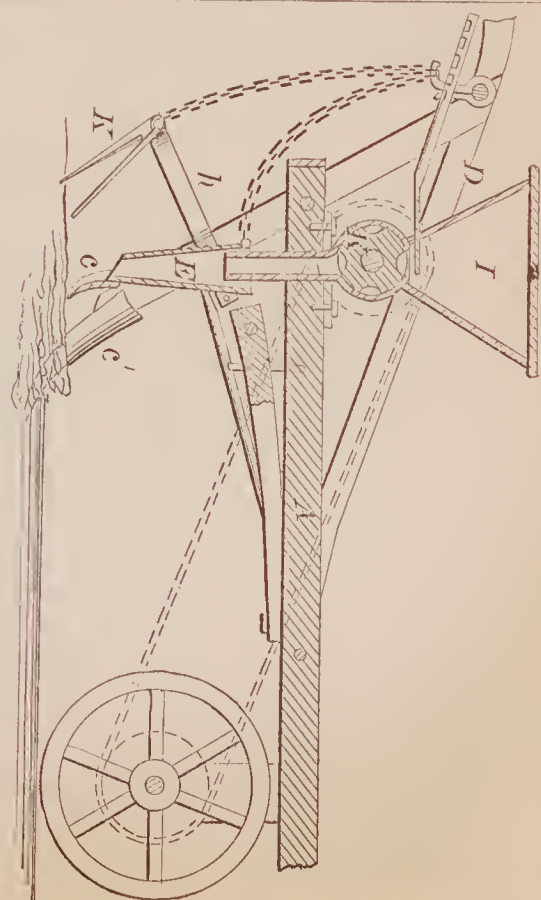
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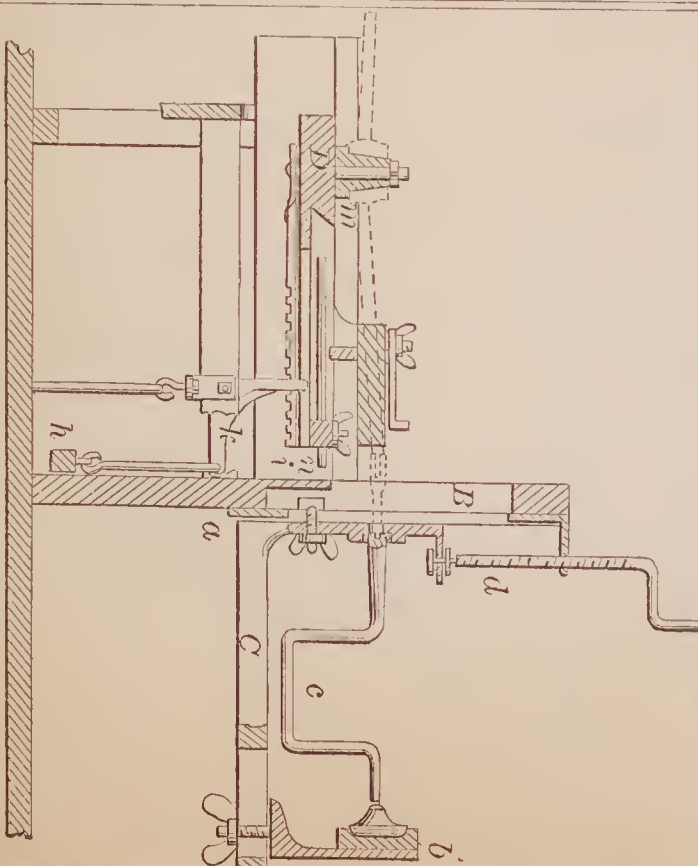
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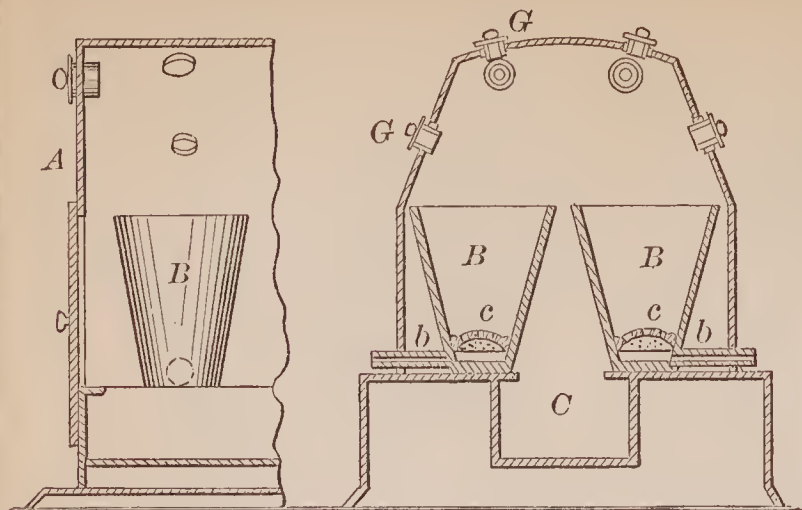
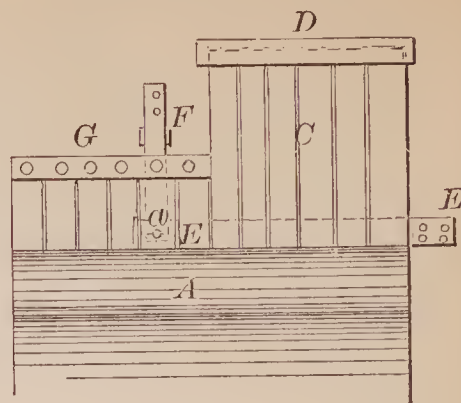
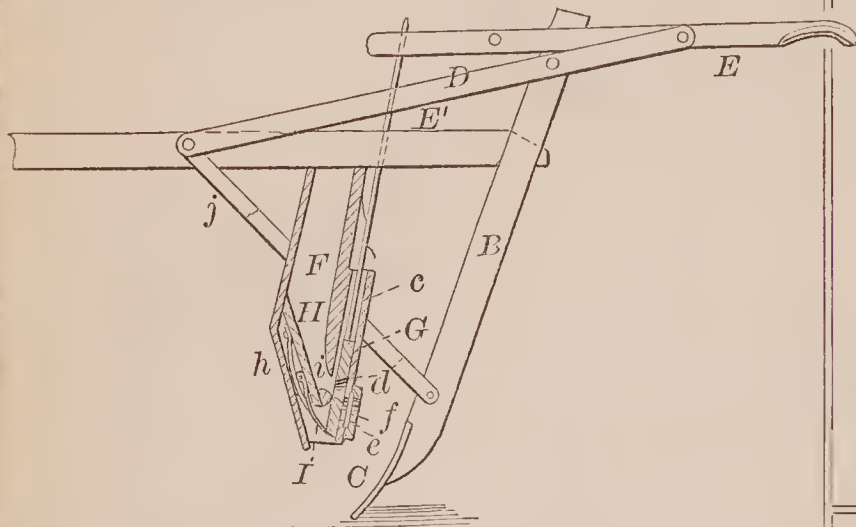
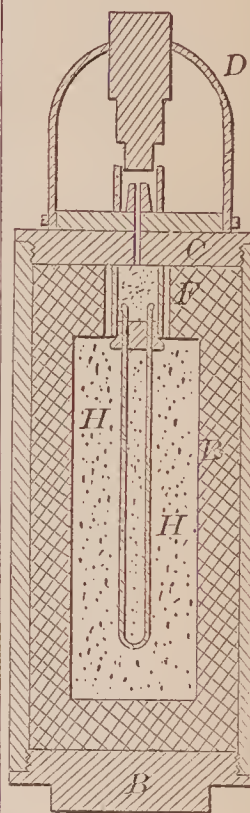
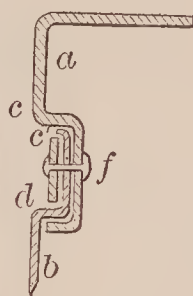
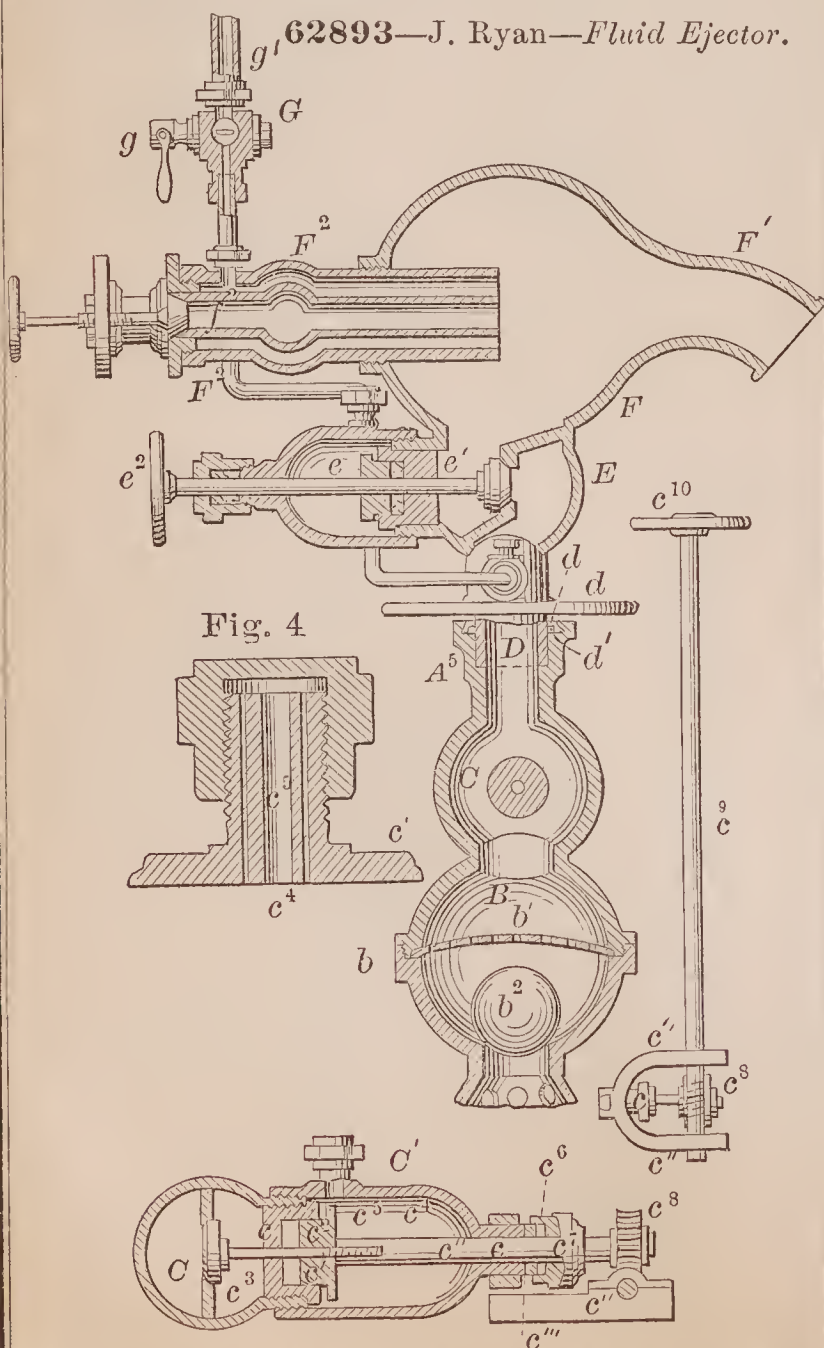
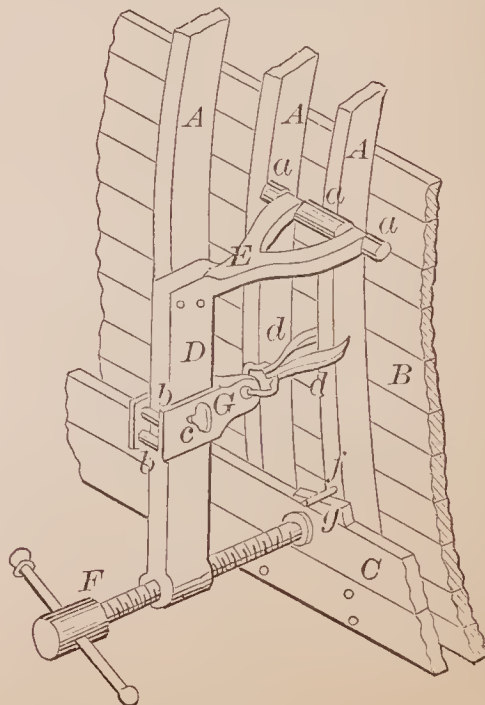


62886—L. M. Reamy—*Corn Planter.*

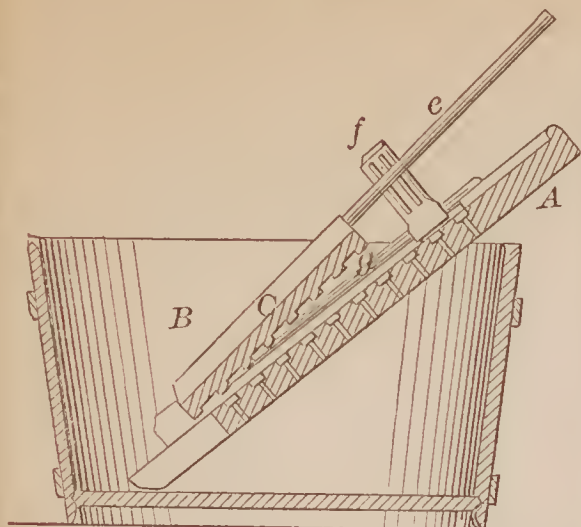


62883—T. Place—*Boring and Trenching Machine.*

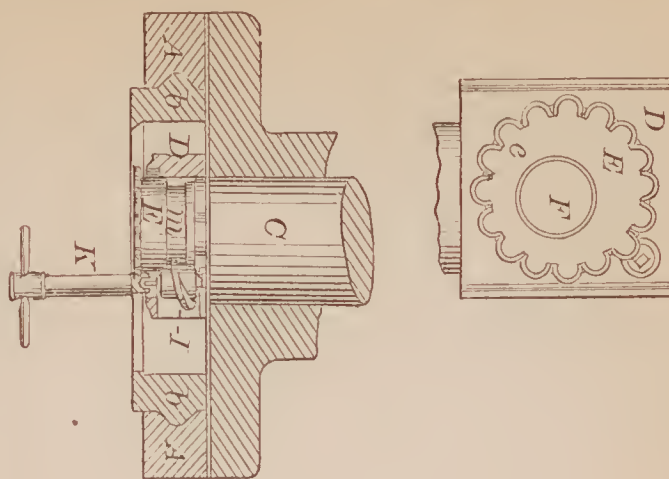


62887—S. Richards—*Glass Furnace.*62889—L. S. Robbins—*Construction of Dikes and Levees.*62888—J. S. Rickel—*Corn Planter.*62891—E. M. Robords—*Driving Well Tubes.*62890—E. A. L. Roberts—*Torpedo for Oil Wells.*62892—E. A. G. Roulstone—*Traveling Bag.*62893—J. Ryan—*Fluid Ejector.*62894—G. Savage, Jr.—*Planking Screw.*

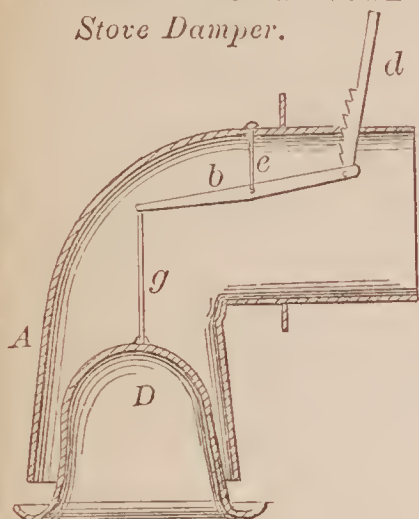
62895—D. Smith—*Wash Board.*



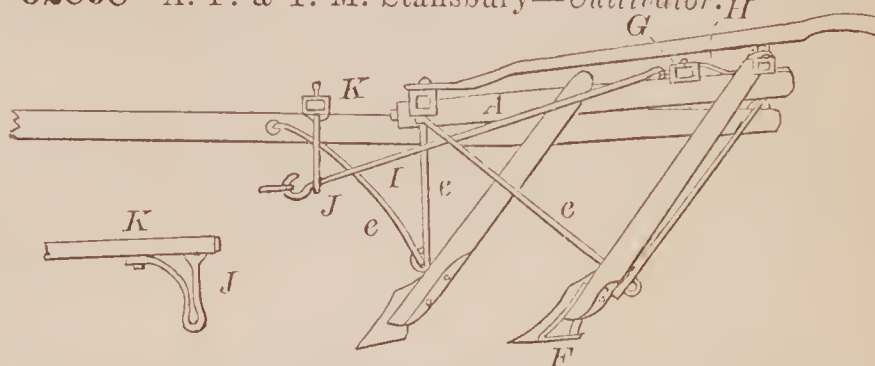
62897—O. Snow—*Punching Machine.*



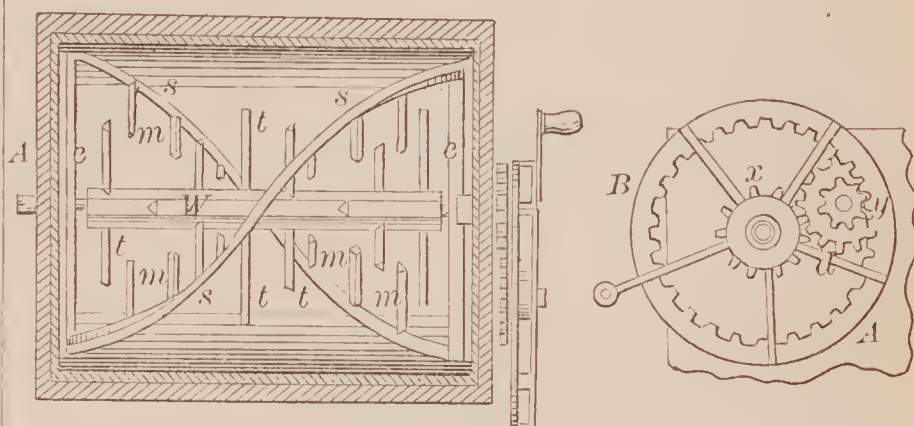
62896—Smith & Brown—*Stove Damper.*



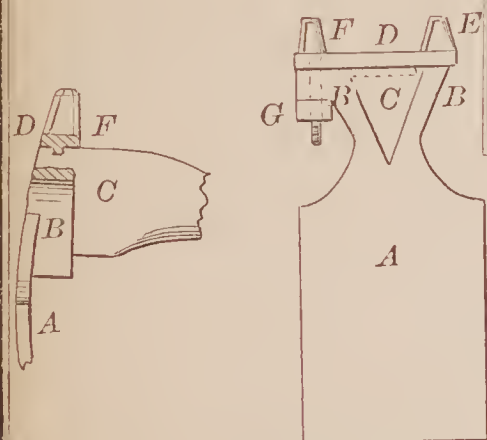
62898—A. F. & T. M. Stansbury—*Cultivator.*



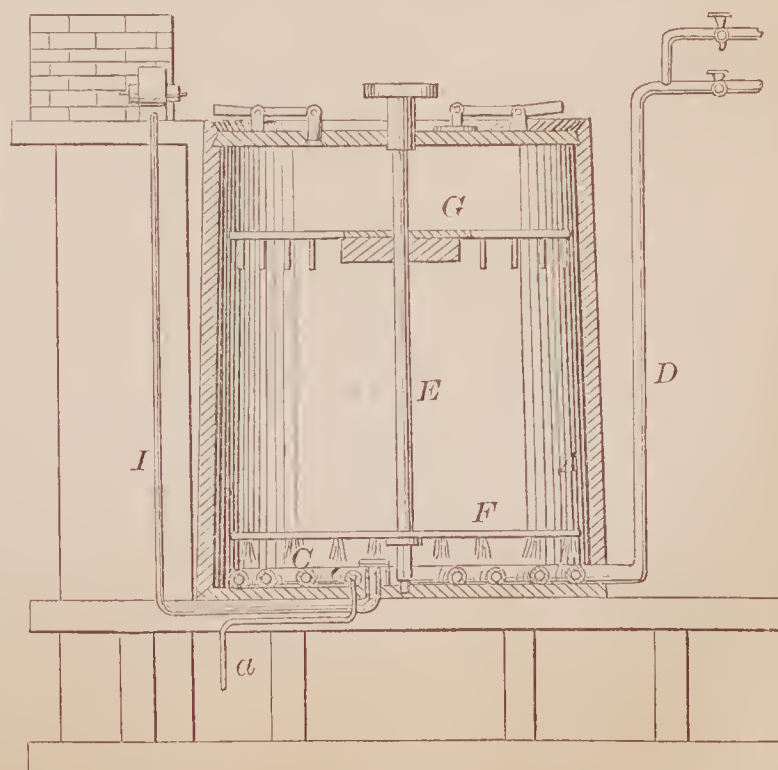
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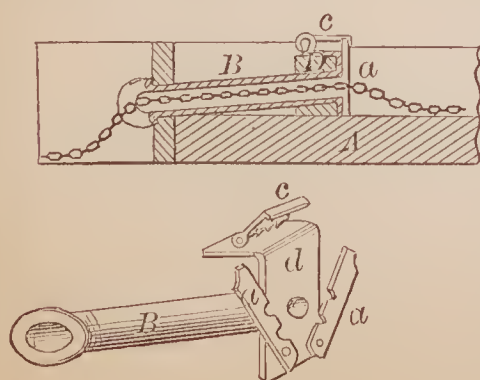
62900—W. H. Startzman—*Attaching Hoes to Handles.*

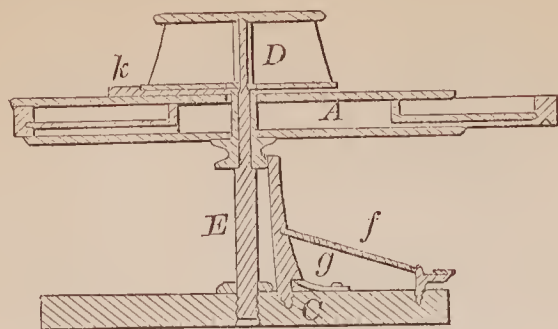
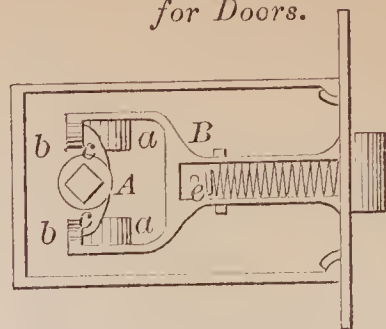
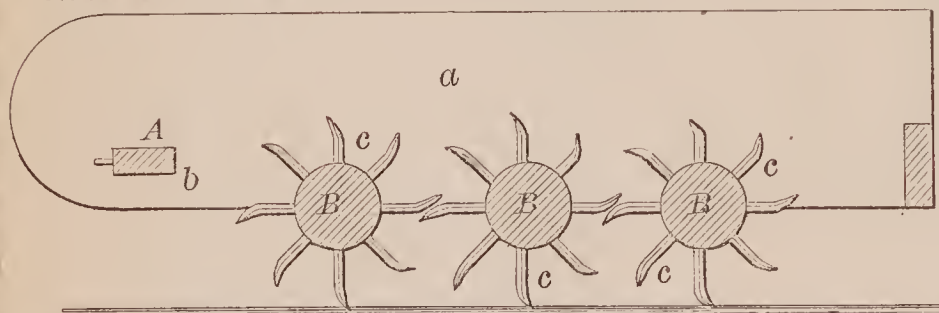
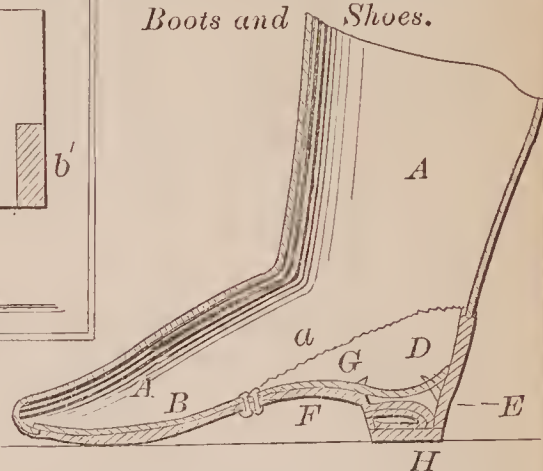
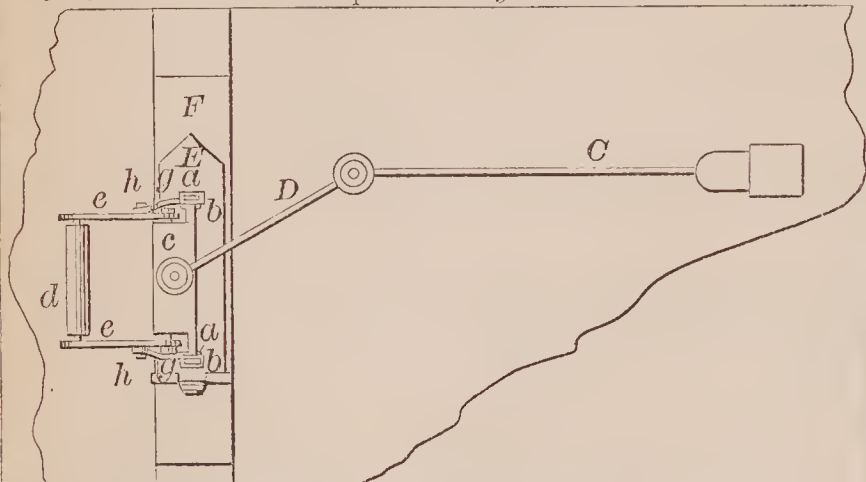
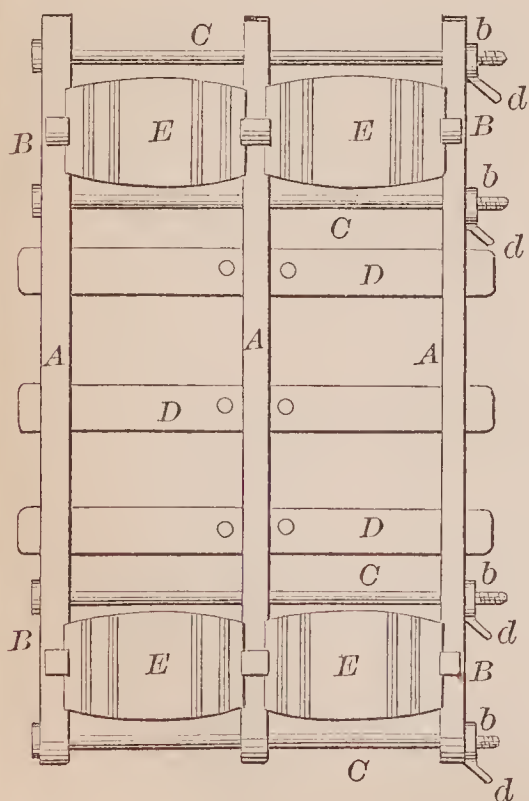
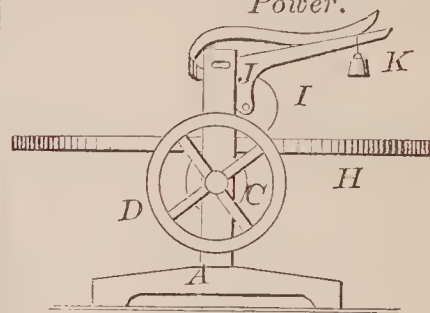
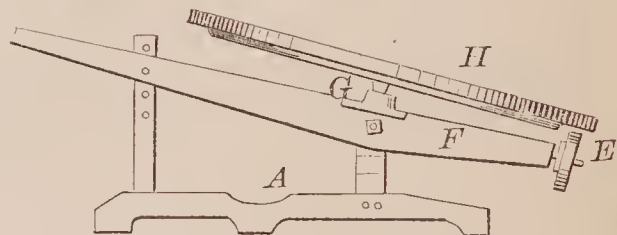
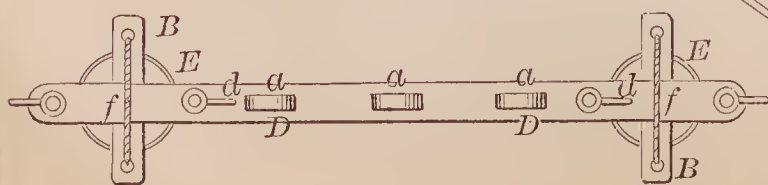
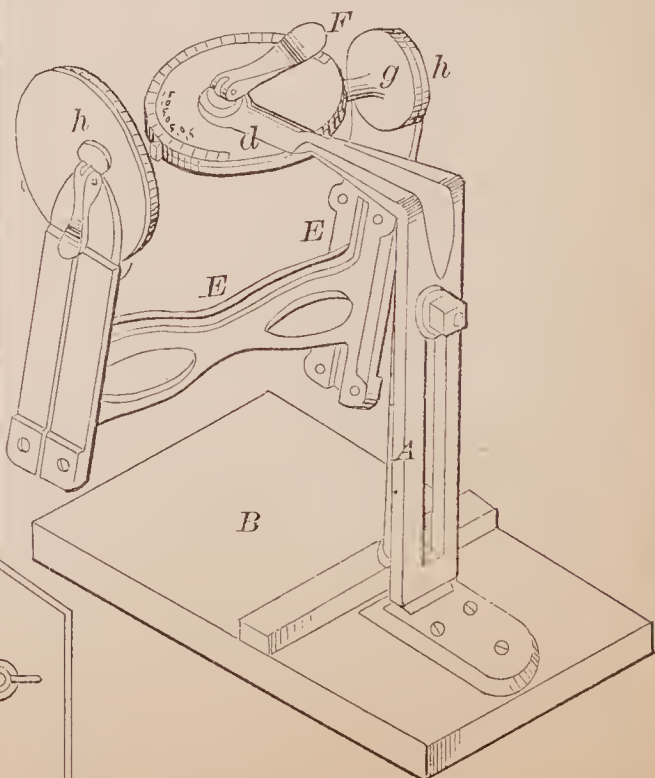


62901—A. Steers—*Apparatus for Extracts.*

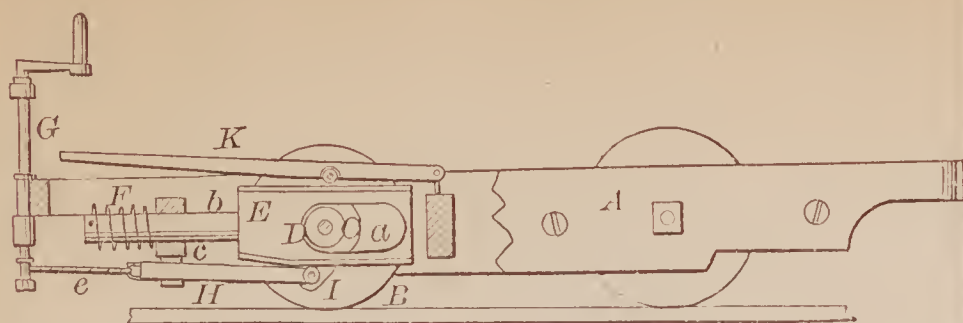


62902—J. Stewart—*Hawse Pipe Stopper.*

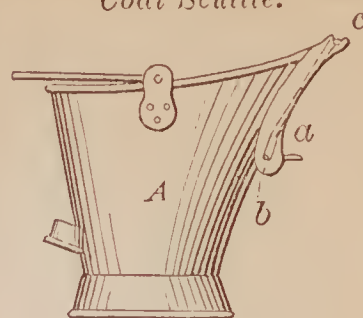


62903—J. Stewart—*Revolving Table.*62908—A. W. Upton—*Knob Latch for Doors.*62904—S. Svanson—*Harrow.*62907—G. W. Tolhurst—*Boots and Shoes.*62906—J. W. Thorp—*Ironing Machine.*62905—H. Swarthout—*Churn Power.*62909—C. W. Wailey—*Life Preserving Raft.*62910—Wheeler & Bickford—*Mitre Box.*

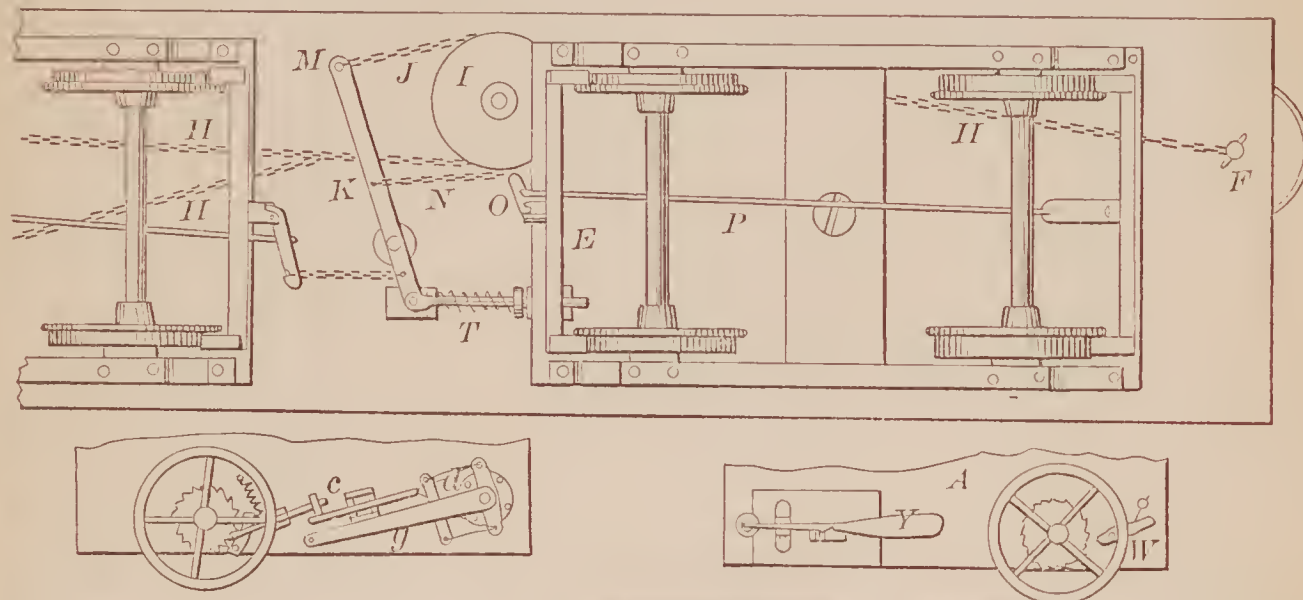
62911—J. Wiley, 2d—*Car Starter and Brake.*



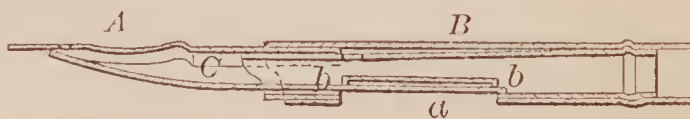
62915—Wright & Kirby—*Coal Scuttle.*



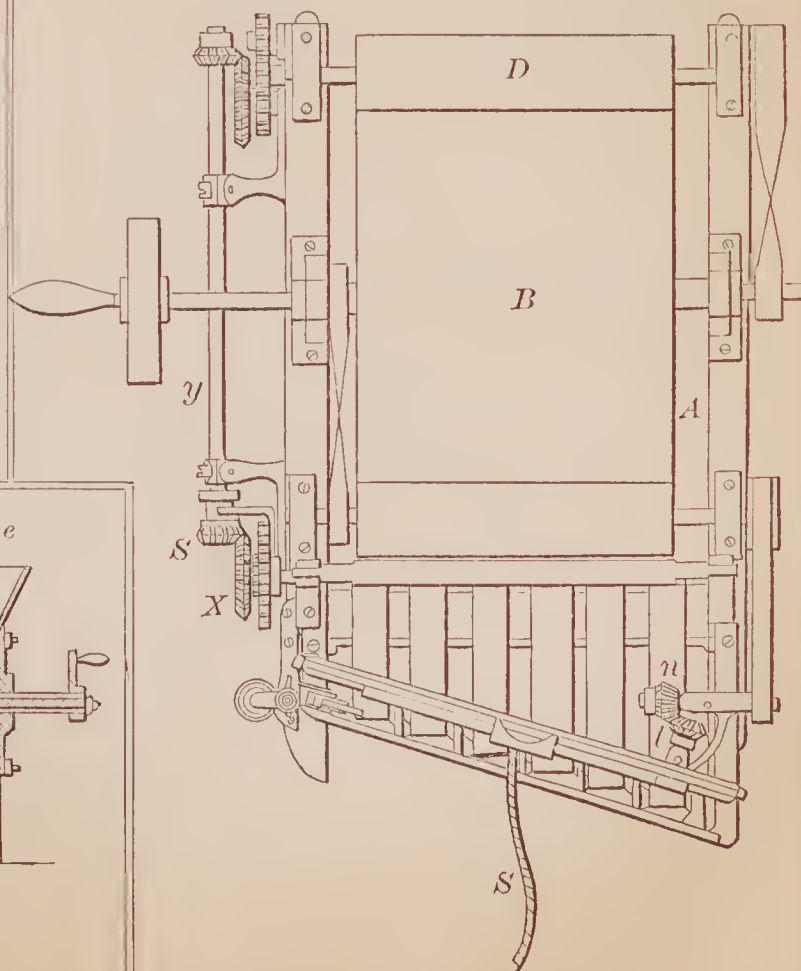
62912—J. H. Williams—*Car Brake.*



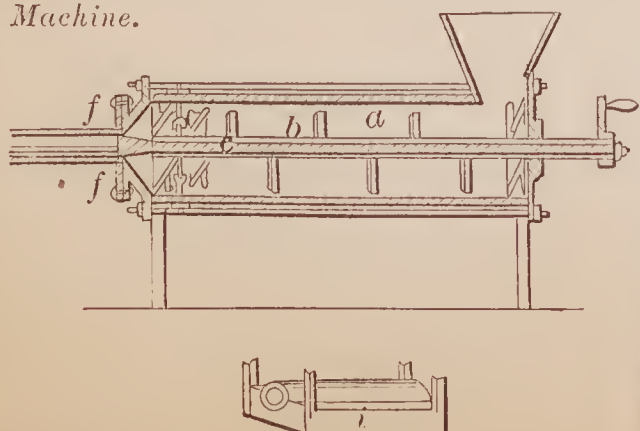
62913—O. O. Witherell—*Pen Holder.*



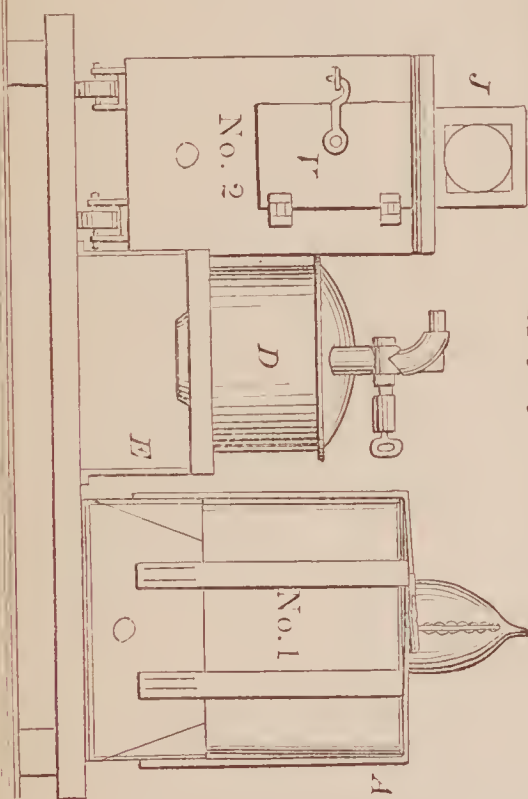
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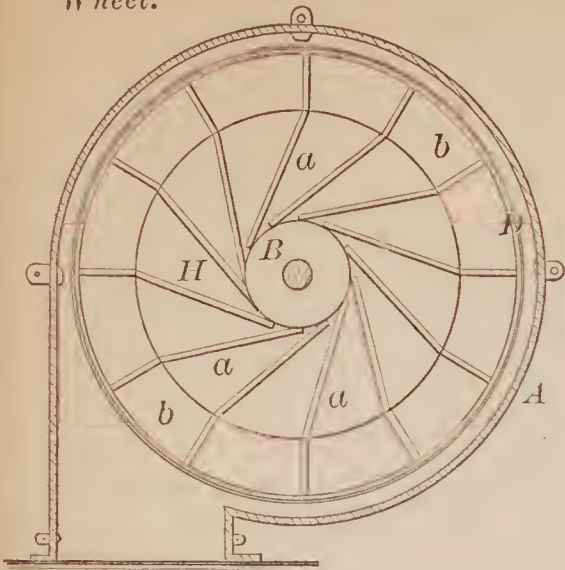
62914—R. Woodcock—*Tile and Pipe Machine.*



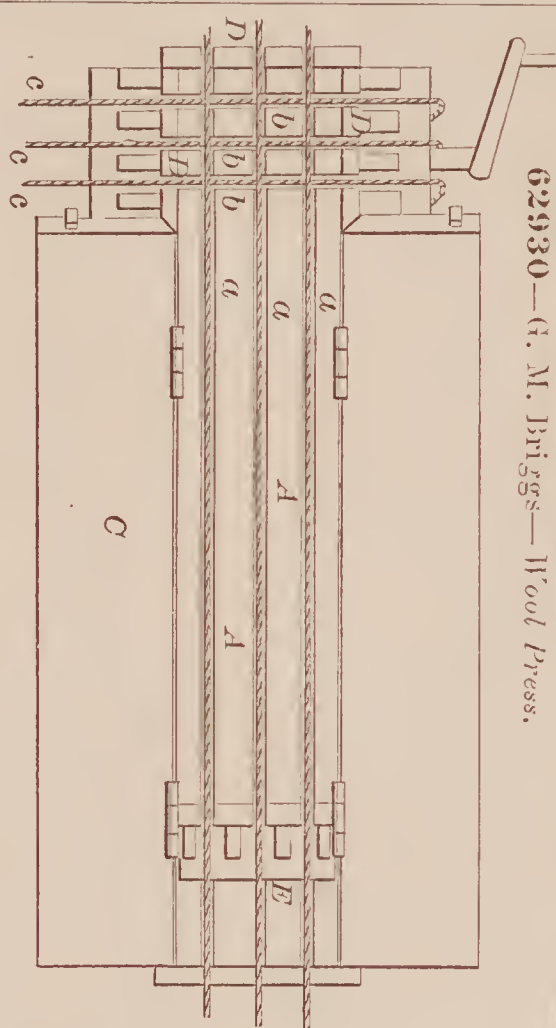
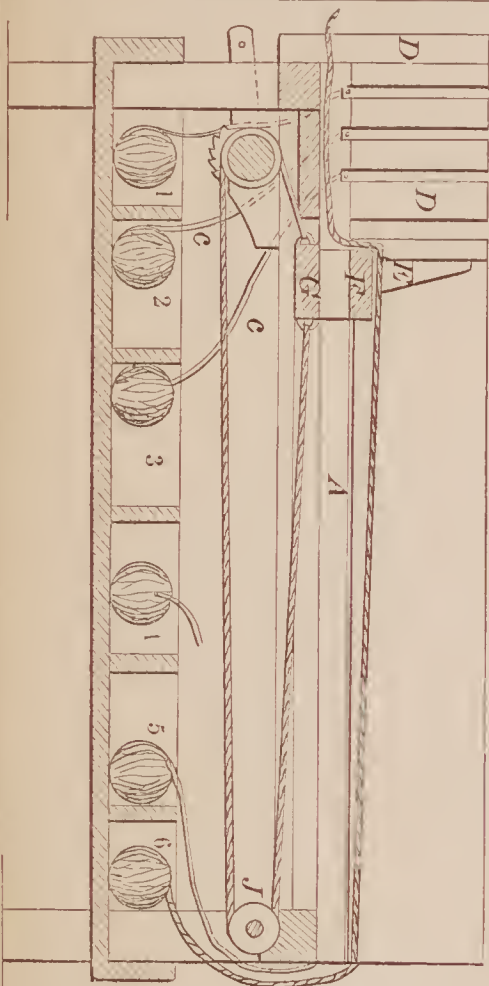
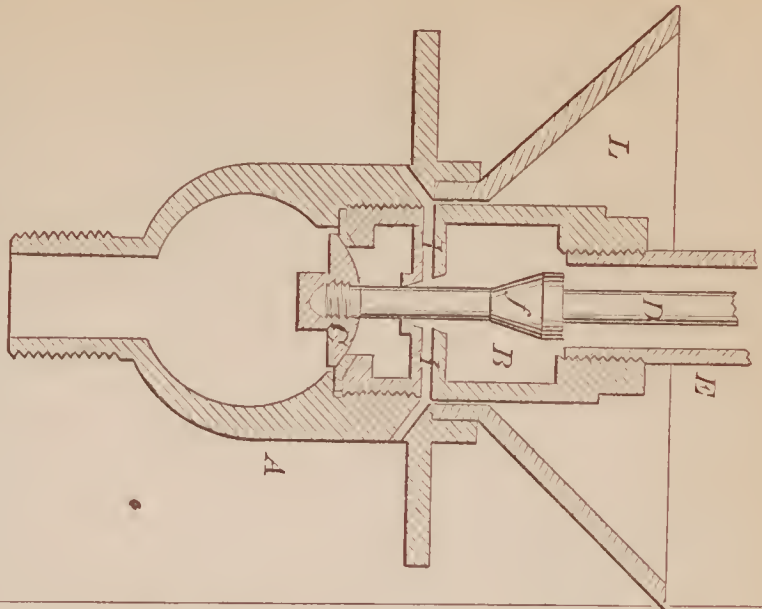
62916—J. Allen—*Applying Remedial Agents.*



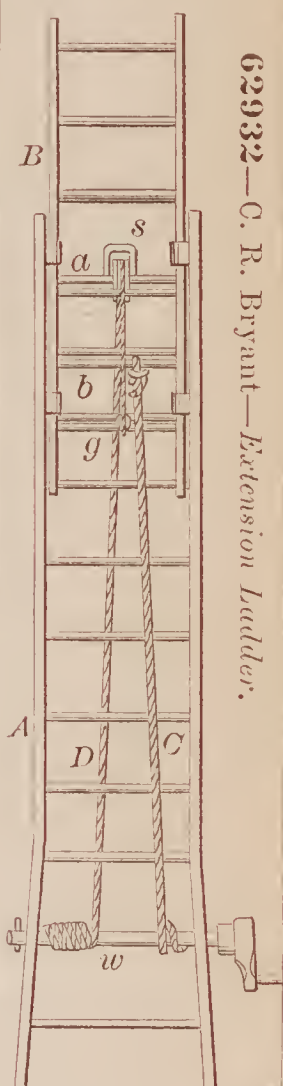
62929—Bridge & Craig—*Water Wheel.*



62933—J. H. Buckley—*Hydrant.*

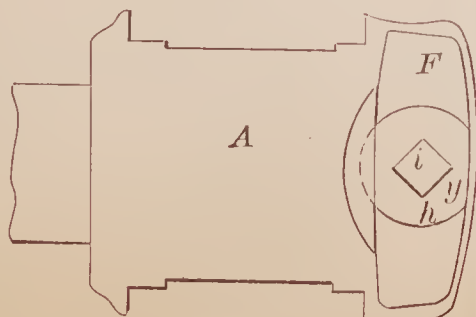
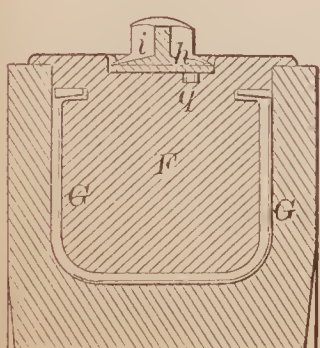
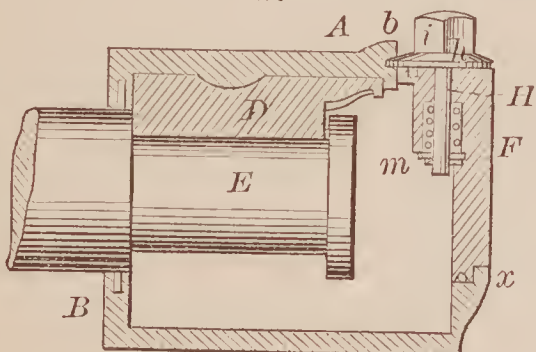


62930—G. M. Briggs—*Wool Press.*

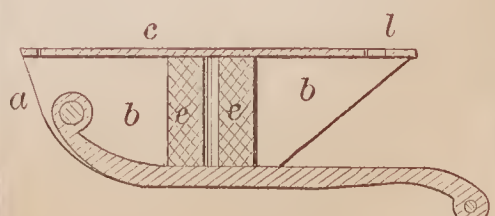
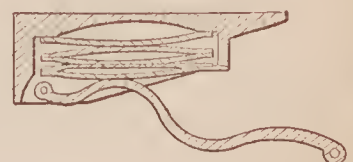


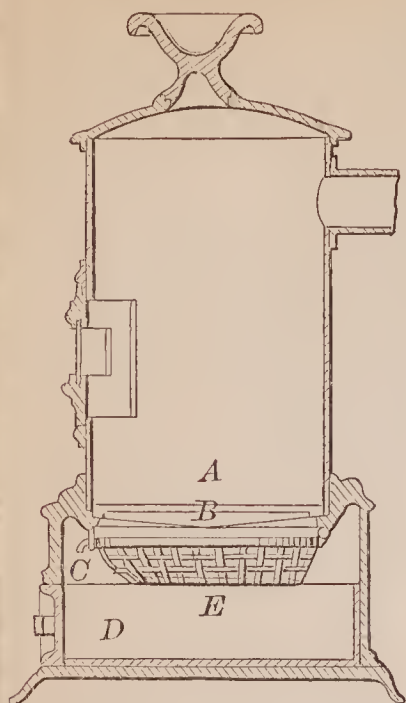
62932—C. R. Bryant—*Extension Ladder.*

62931—G. Brill—*Axle Box.*

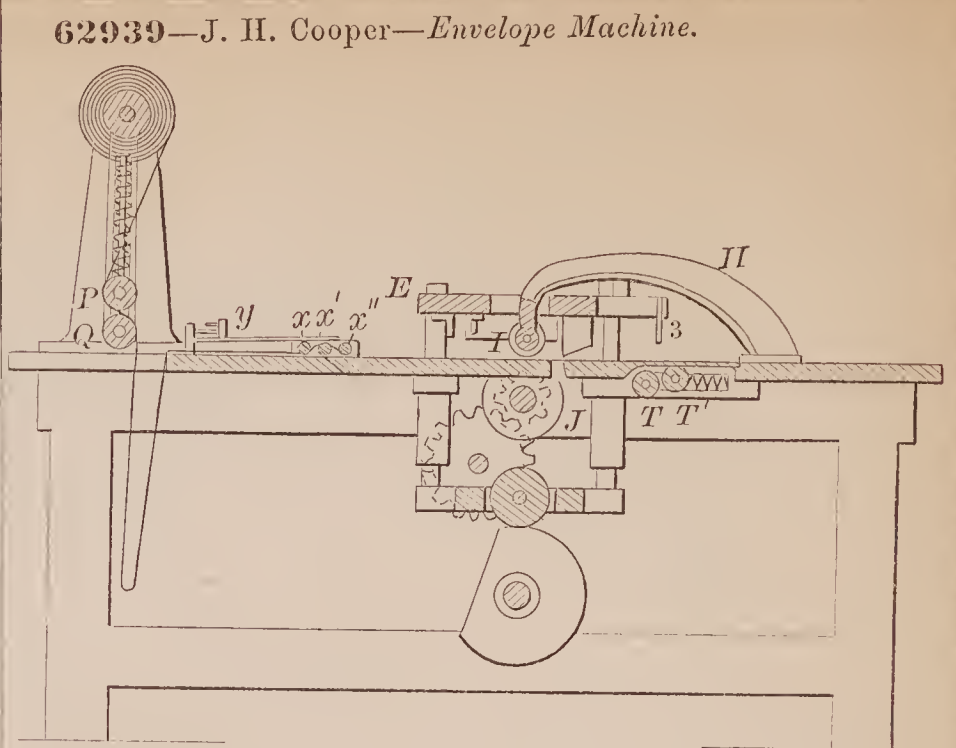


62934—G. W. Buss—*Car Spring.*



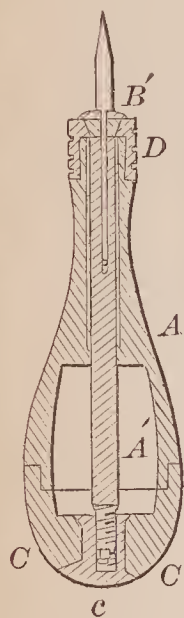
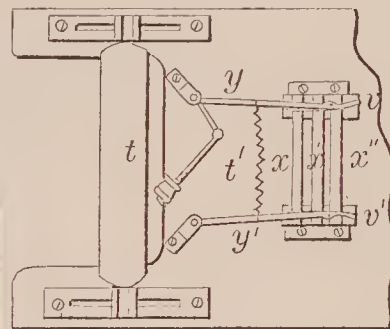
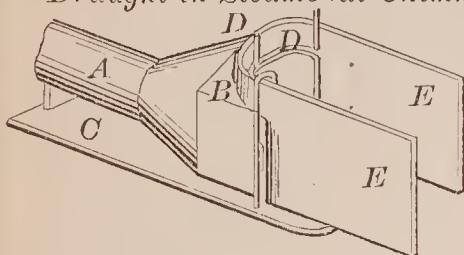


62935—H. L. Byrd—Kindling for Stoves.



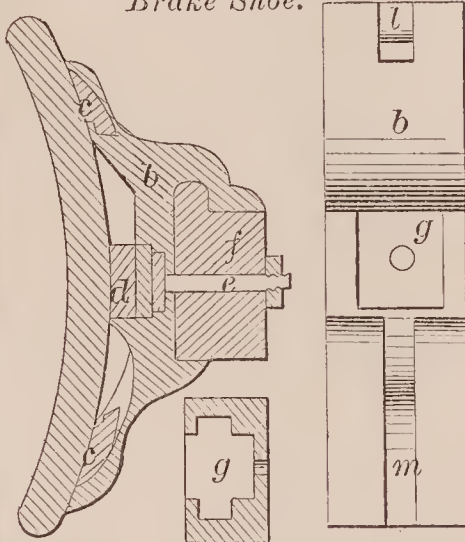
62939—J. H. Cooper—Envelope Machine.

62937—J. B. Campbell—for Regulating Draught in Steamboat Chimneys. &c.

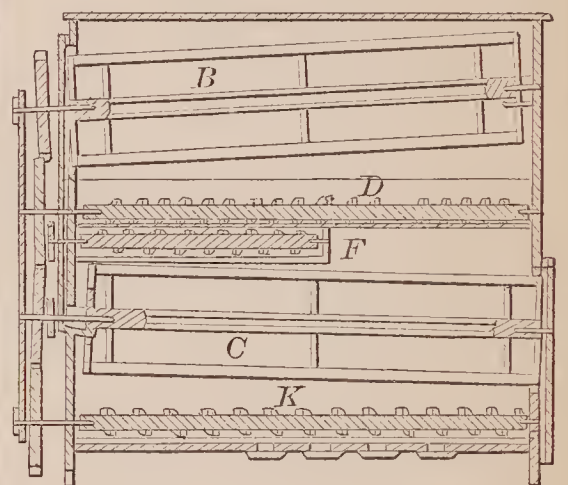


62938—N. S. Clement—Awl Handle.

62940—E. L. Countiss—Car Brake Shoe.



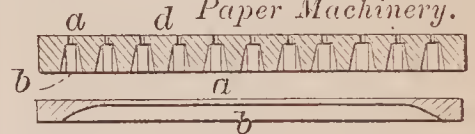
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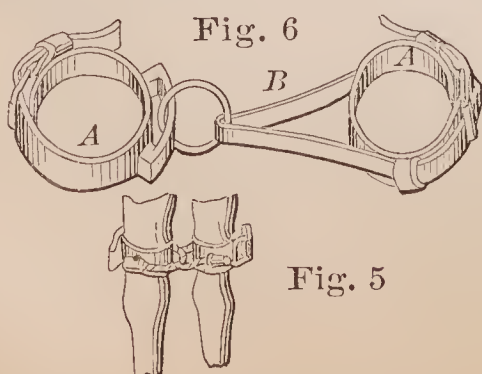
62941—C. O. Crosby—Soldering Iron.



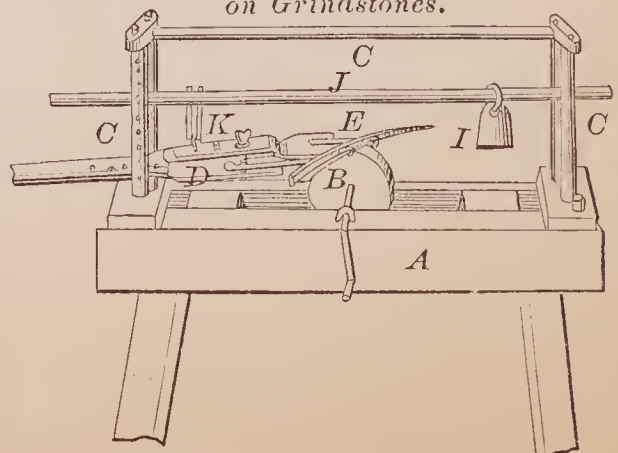
62942—F. Curtis—Screen Plate for Paper Machinery.

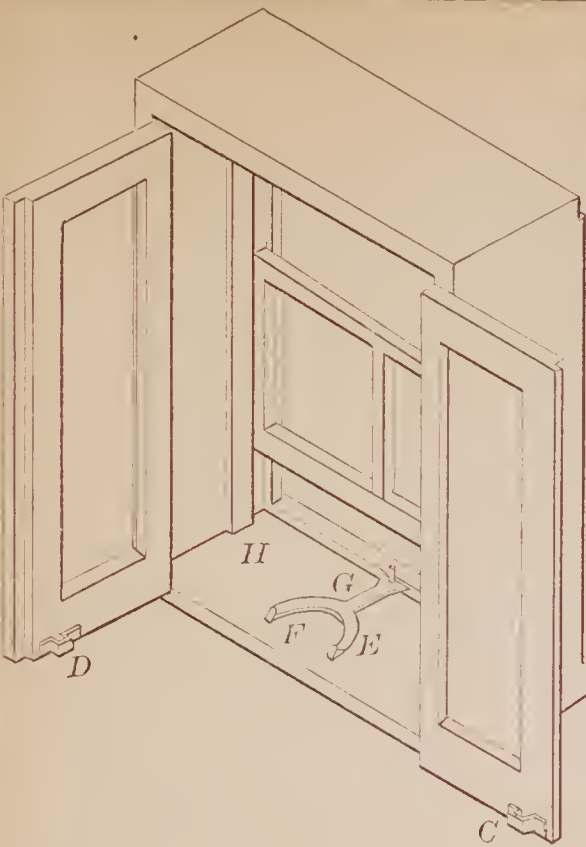


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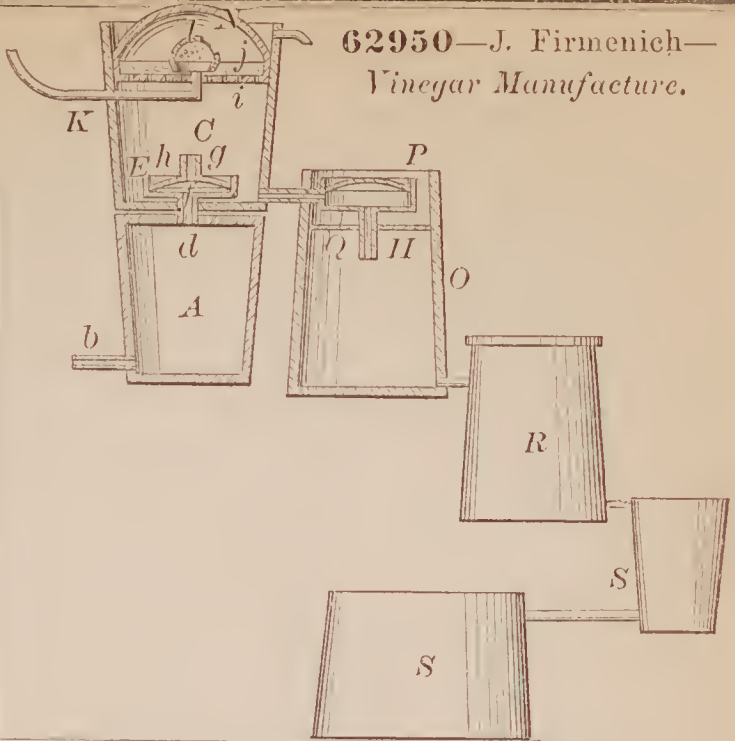
Fig. 6
Fig. 5

62945—P. V. Dunn—Holding Edged Tools on Grindstones.



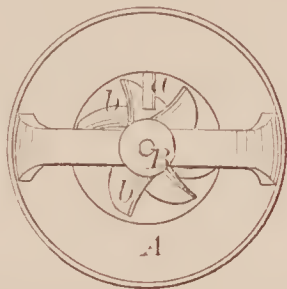
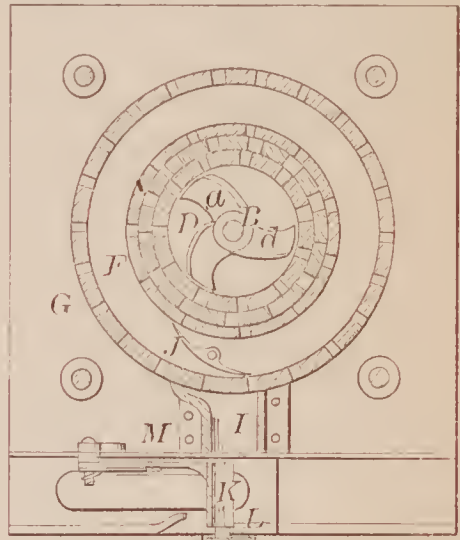


62947—C. H. Eddy—Blind and Shutter Fastener.

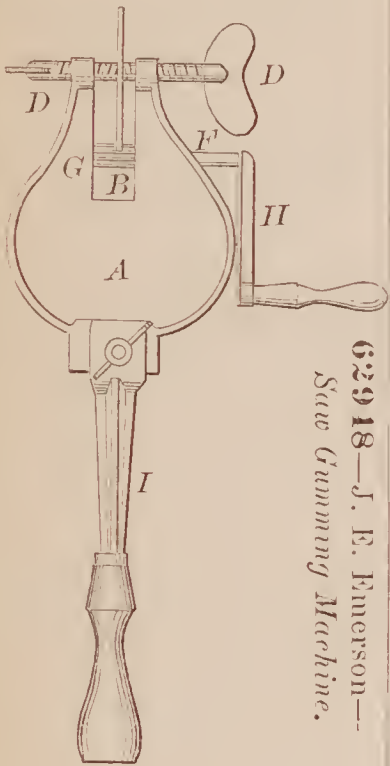
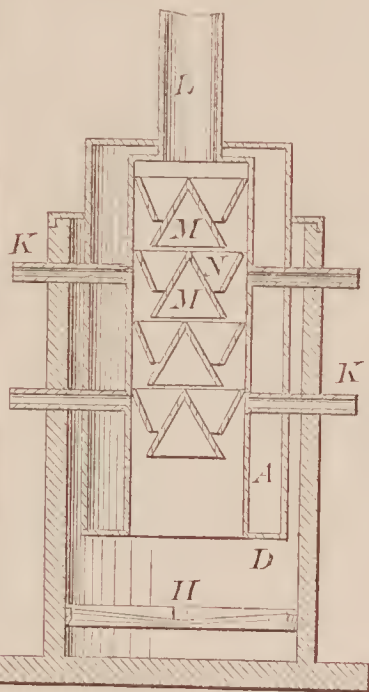


62950—J. Firmenich—Vinegar Manufacture.

62951—J. T. Foster—Peat Machine.



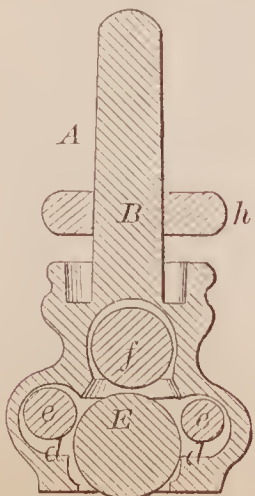
62953—J. Hafer—Steam Generator.



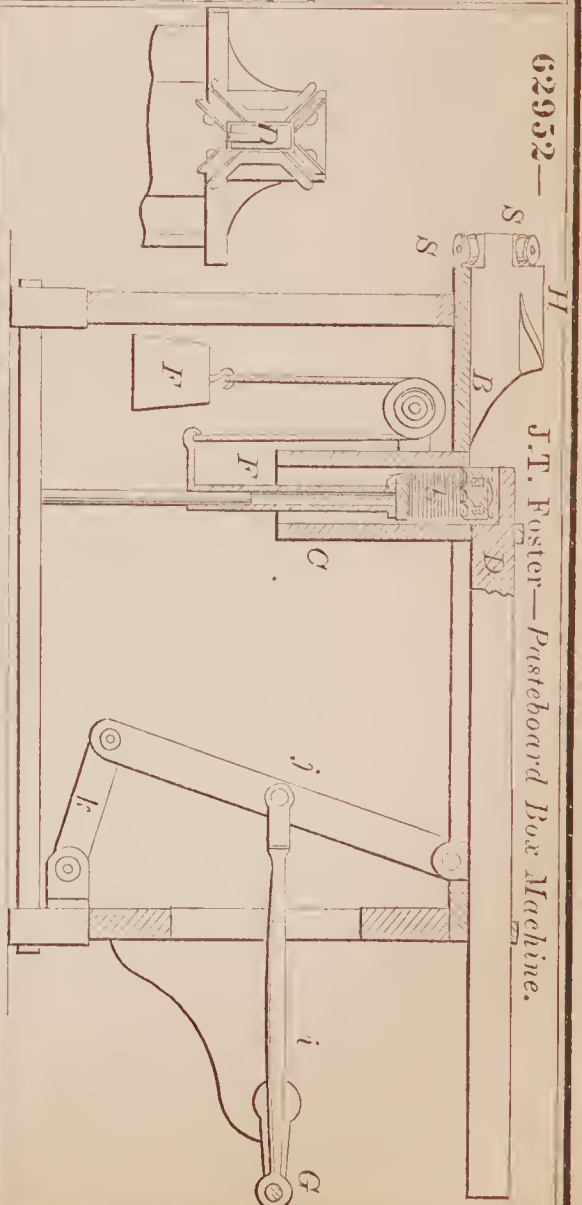
62918—J. E. Emerson—Saw Gumming Machine.



62949—J. H. Farley—Milk Can.



62954—E. Hambrjer—Furniture Cluster.



62952—J. T. Foster—Pasteboard Box Machine.

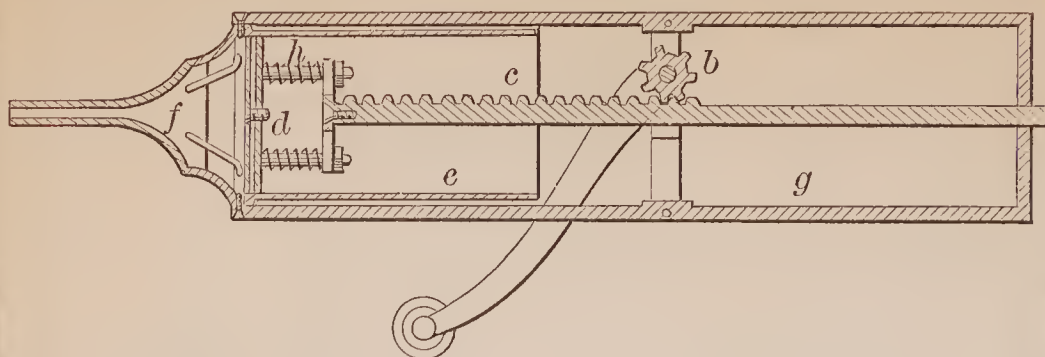
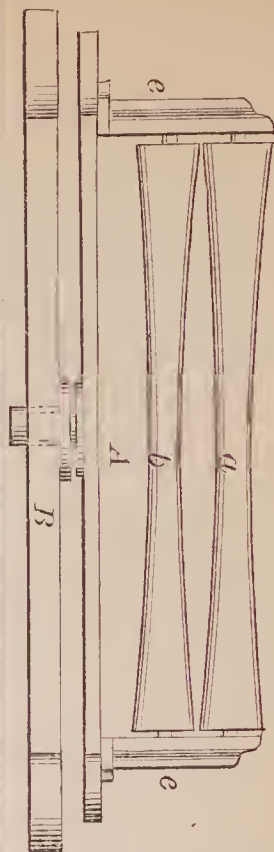
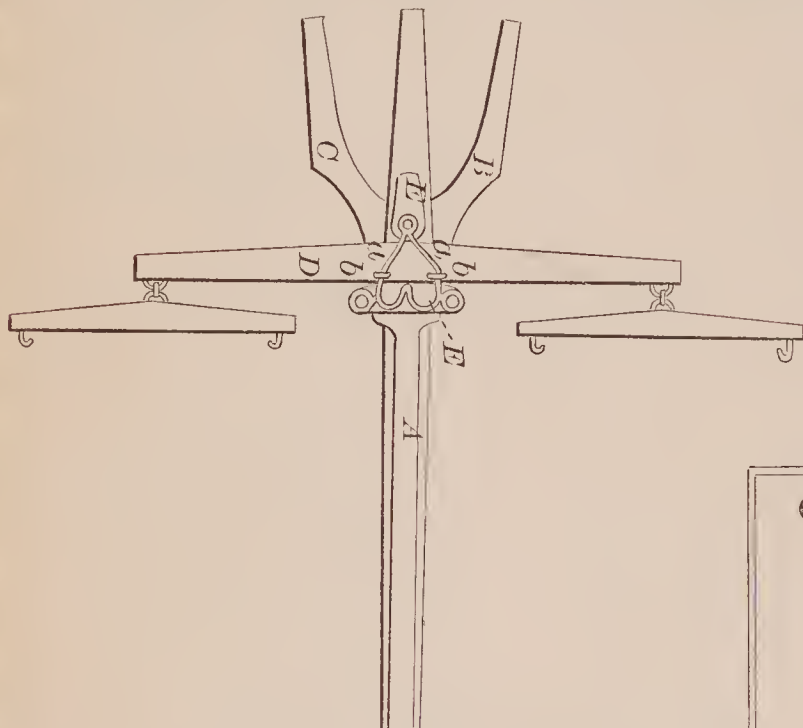
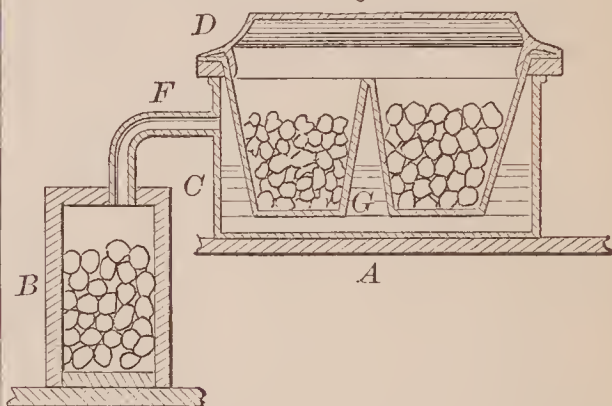
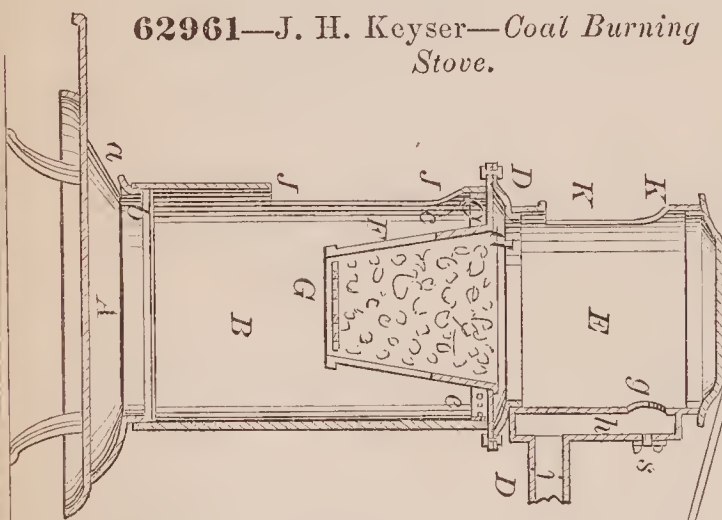
62955—A. F. Hammond—*Garden Syringe.*62958—R. L. Howe—*Guide Roll for Paper Mills.*62957—J. B. Hough—*Doubletree.*62960—W. Janney—*For Cooking and Preserving Fruit.*62961—J. H. Keyser—*Coal Burning Stove.*62959—P. Gengembre—*Carte de Visite Exhibitor.*

Fig. 1

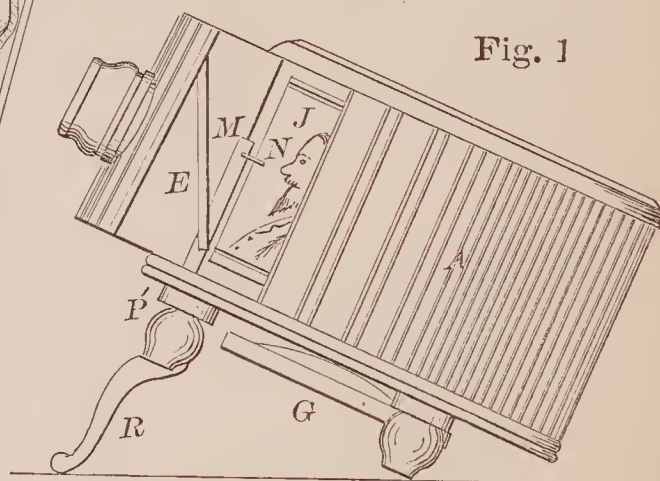
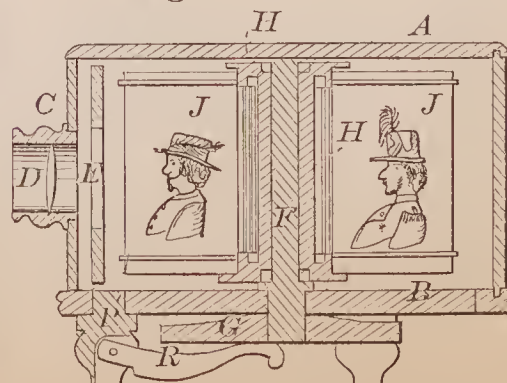
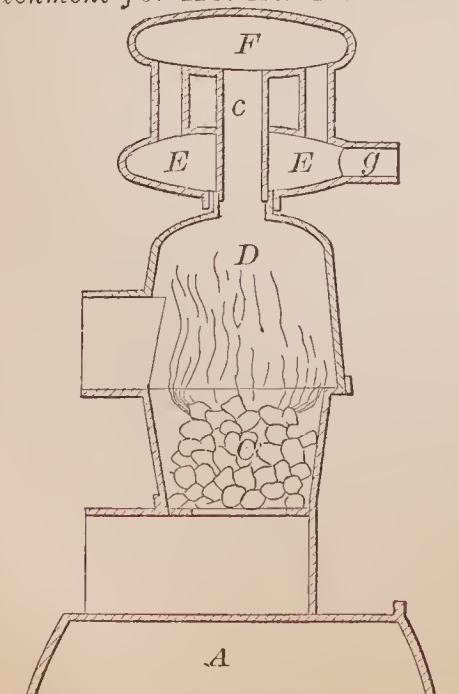
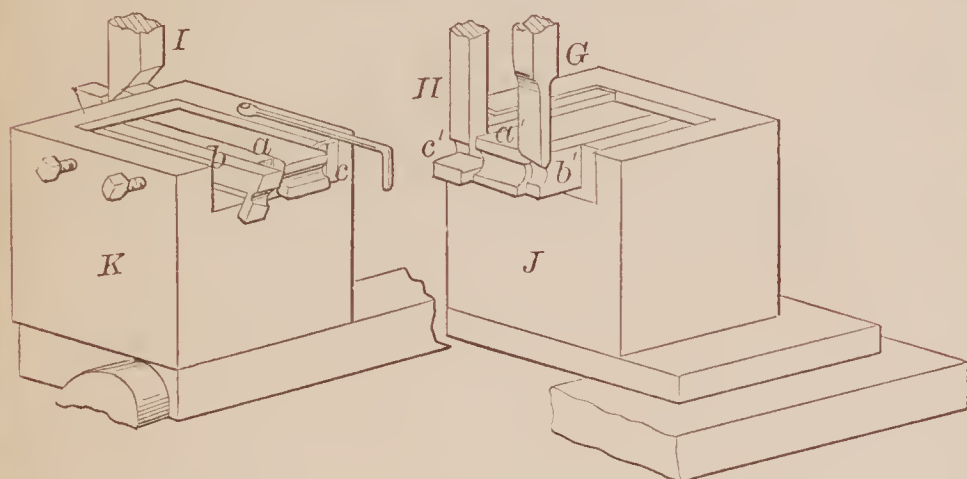
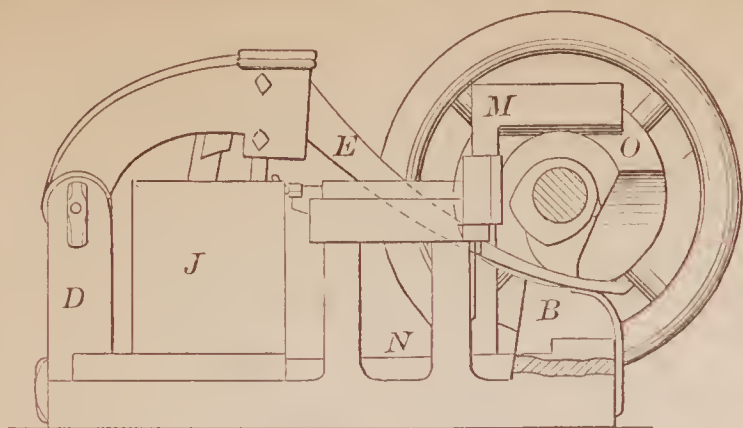


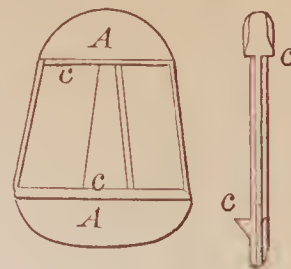
Fig. 2

62962—J. H. Keyser—*Radiating Attachment for Hot Air Furnaces.*

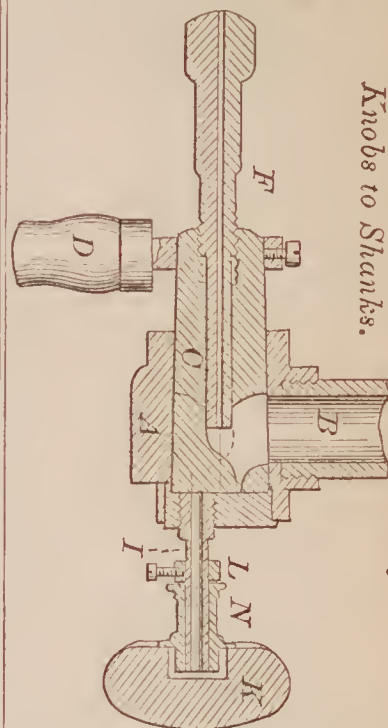
62963—W. Koplin—Carriage Bolt Machine.



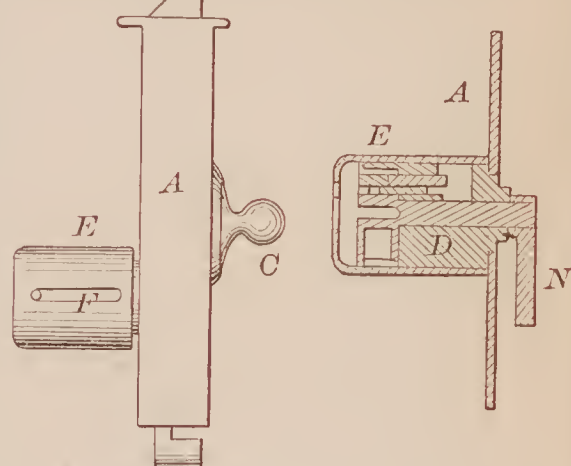
62964—D. M. Lawrence—Clasp for Barrel Hoops.



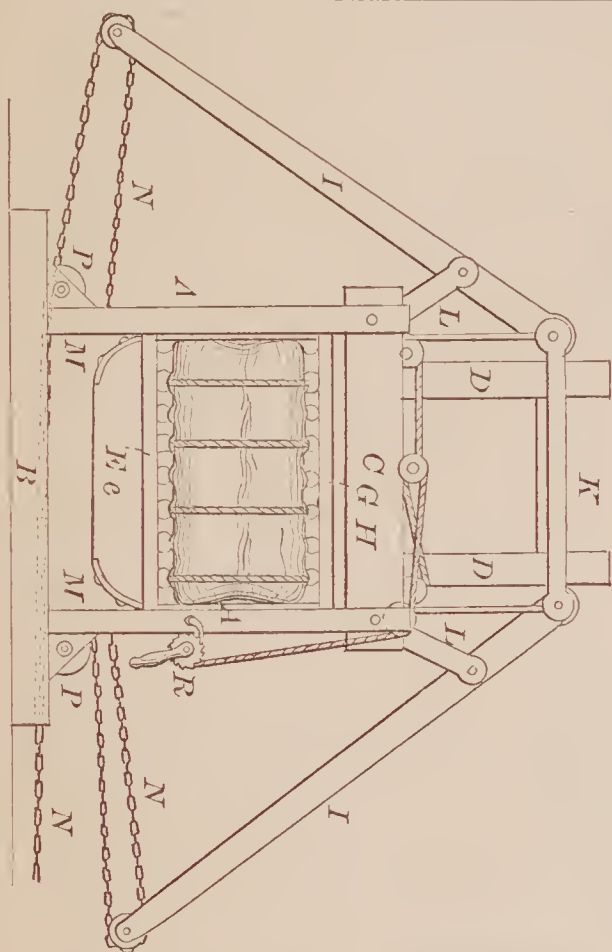
62967—W. T. Munger—Attaching Door Knobs to Shanks.



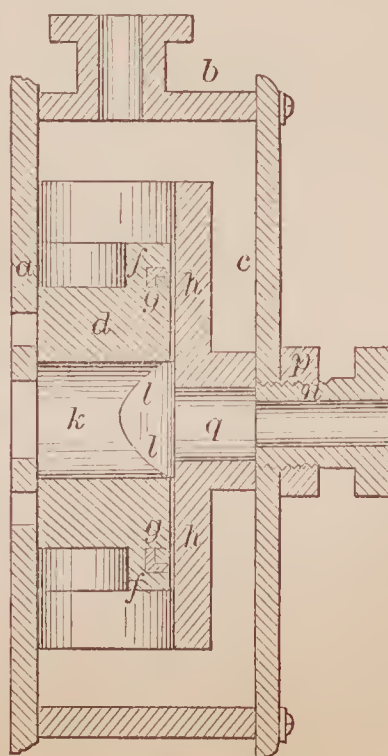
62968—W. T. Munger—Adjustable Escutcheon for Night Latches.



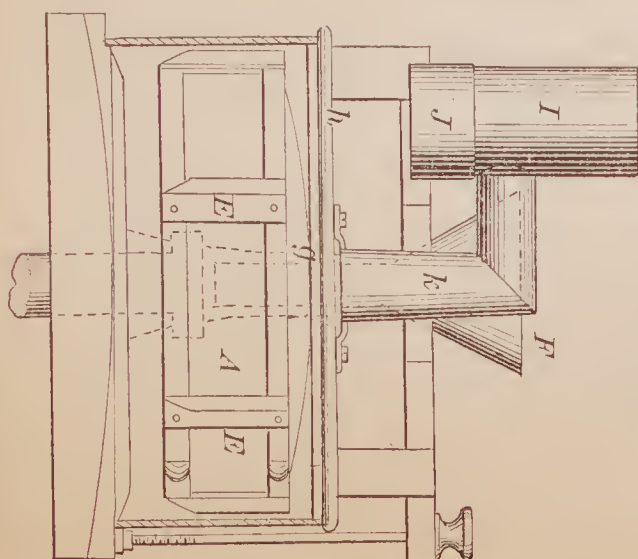
62965—E. McDonnell—Cotton Press.

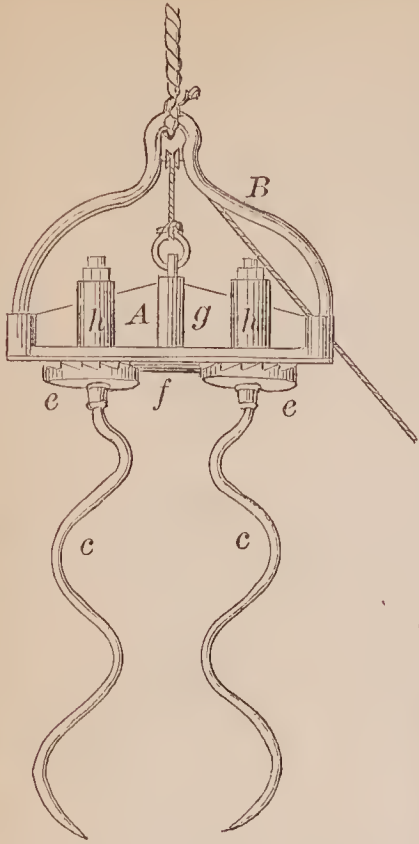


62969—J. Nesbitt—Steam Engine Slide Valve.

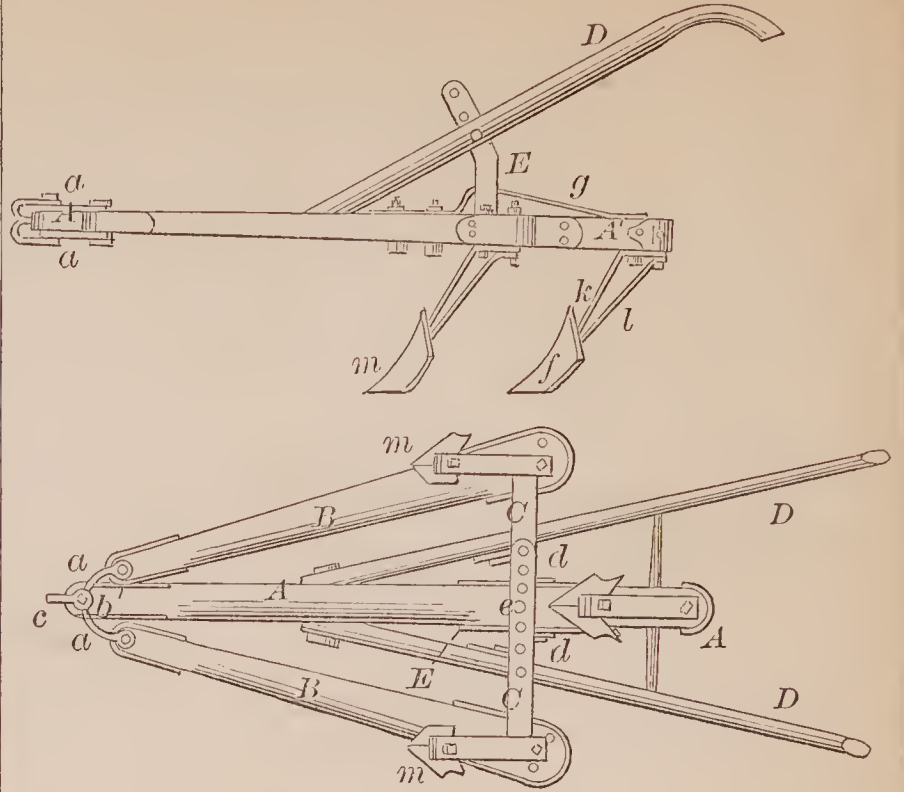


62966—C. Moegling—Grinding Mill.



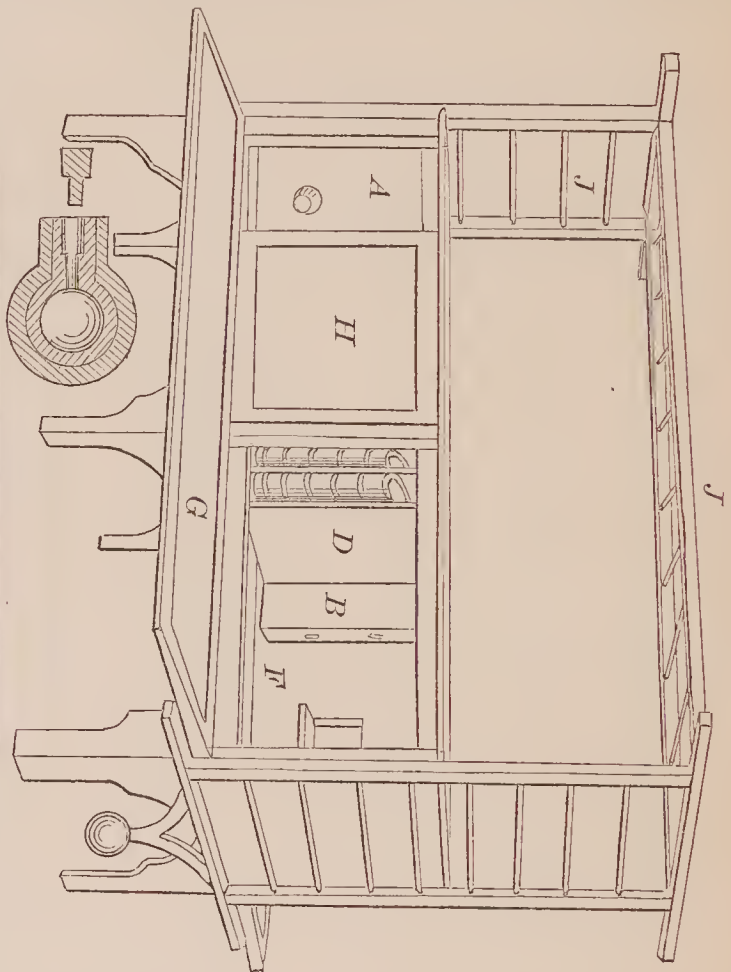
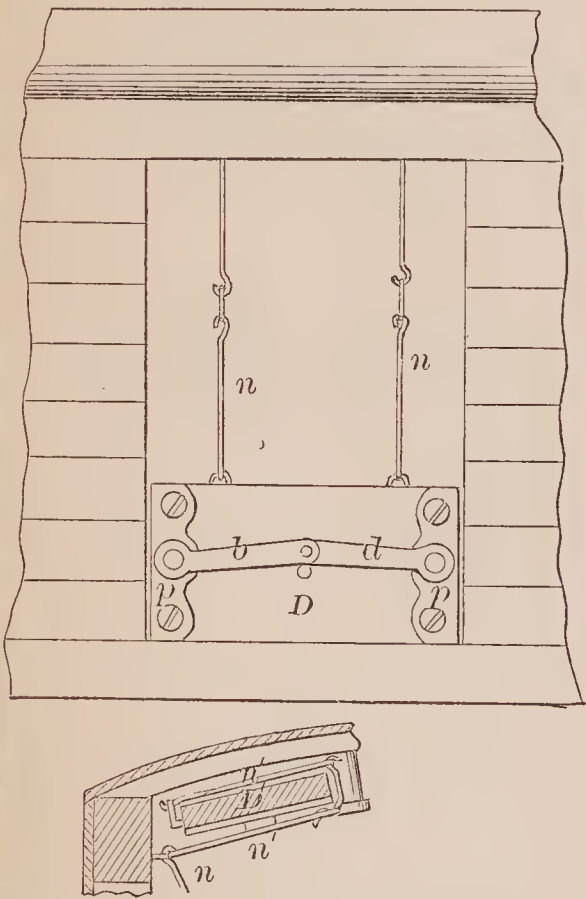


62970—Parker, Hall & Pierce—Horse Hay Fork.



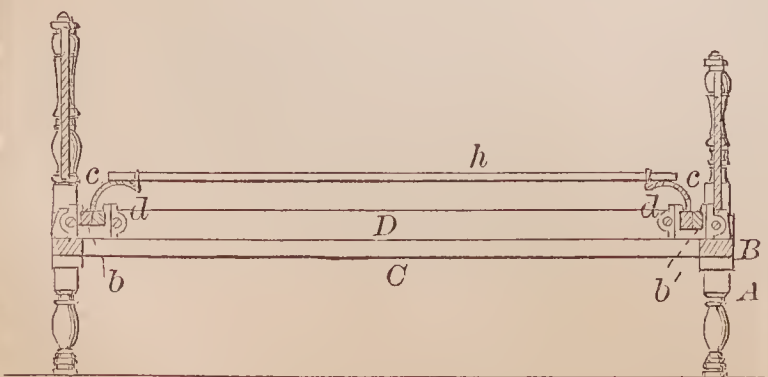
62971—L. Repp—Cultivator.

62972—G. B. Rich—Door for Grain Cars.

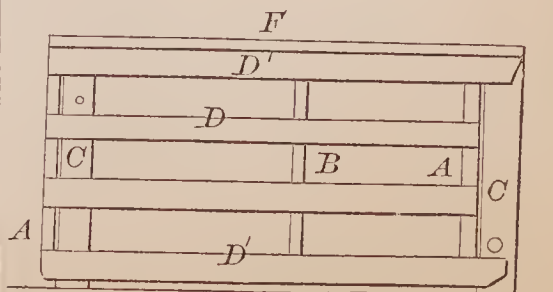


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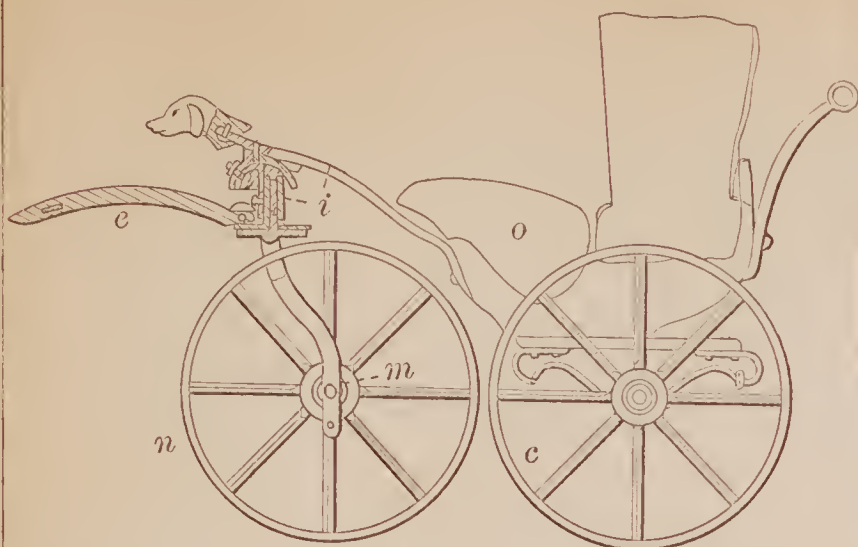
62973—Rickard & Cook—Bed Bottom.



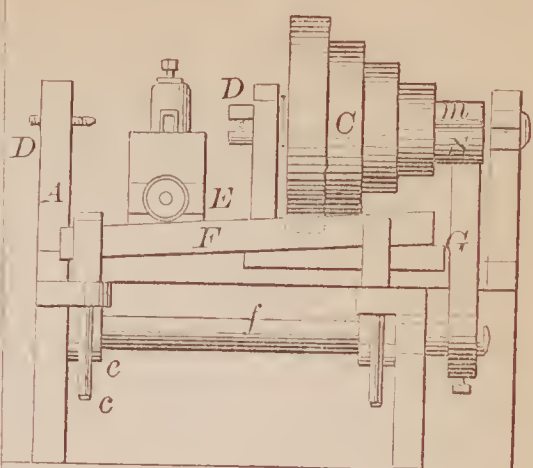
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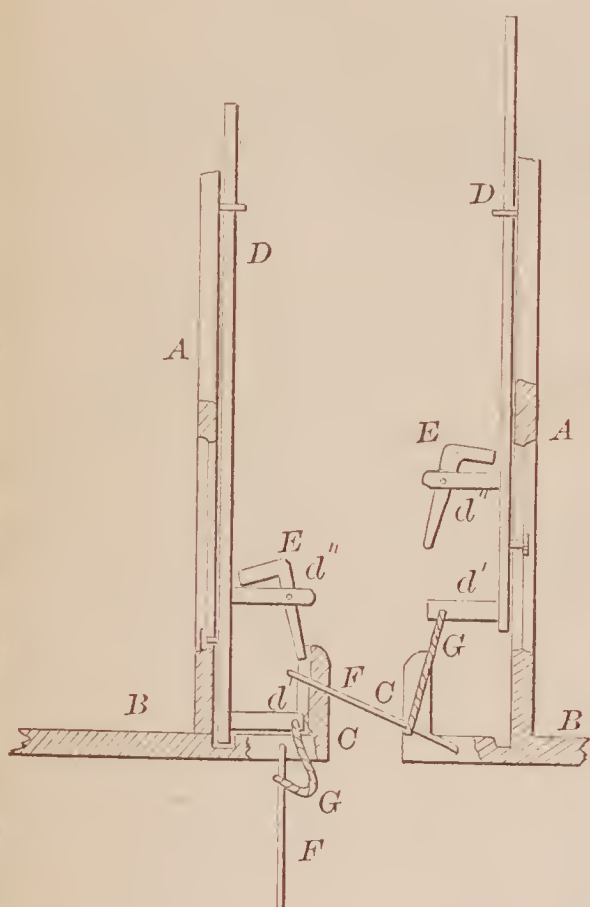
62976—C. & A. Spring—*Children's Carriage.*



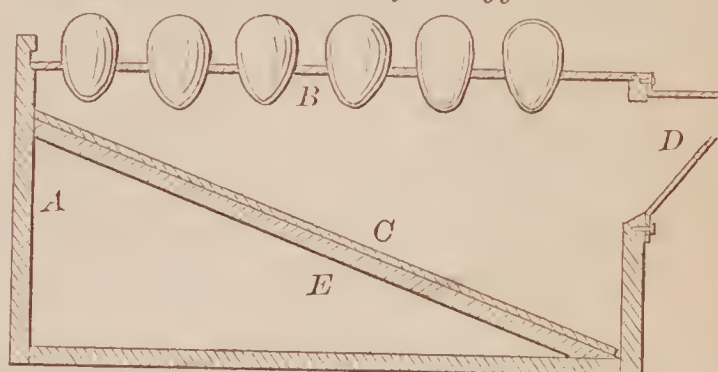
62977—W. X. Stevens—*Lathe for Chasing Taps.*



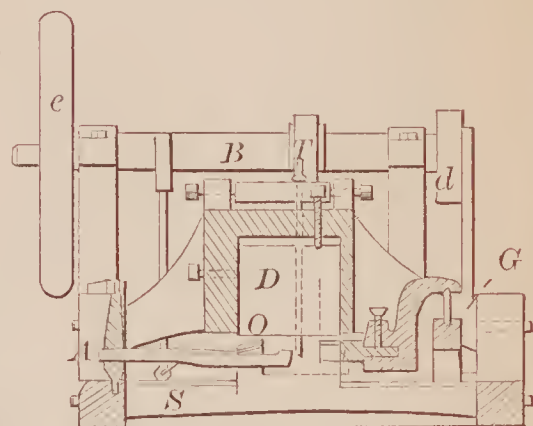
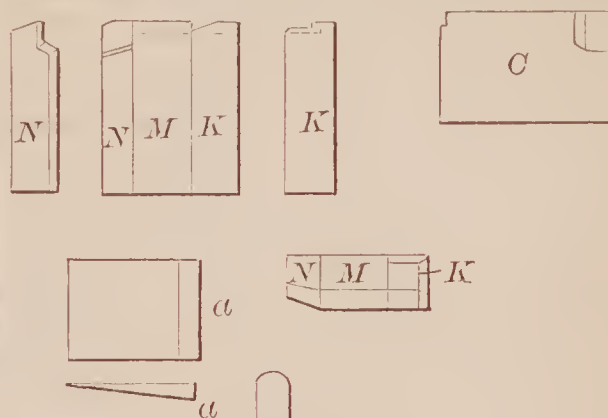
62978—I. W. Stuart, Jr.—*Car Coupling.*



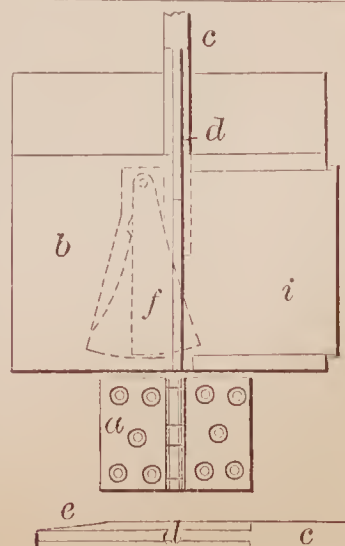
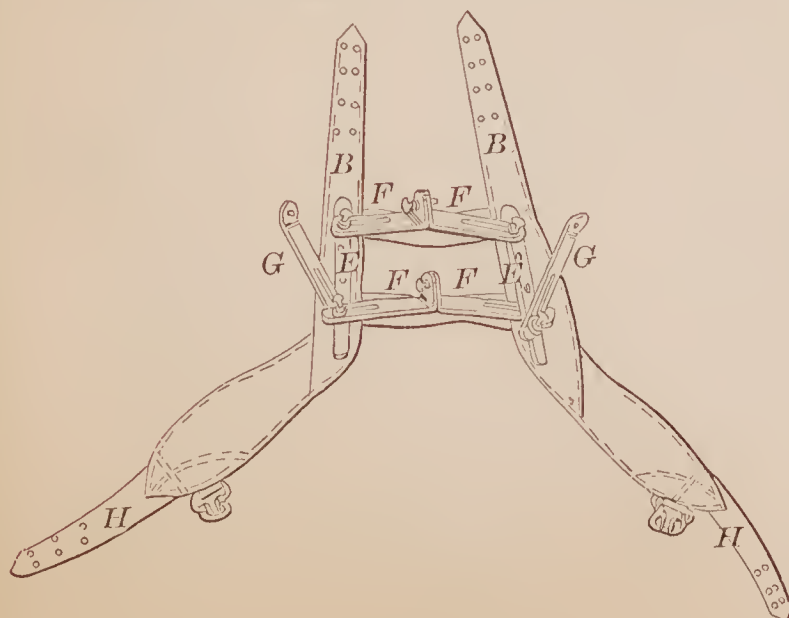
62979—Summers & Nye—*Egg Detector.*



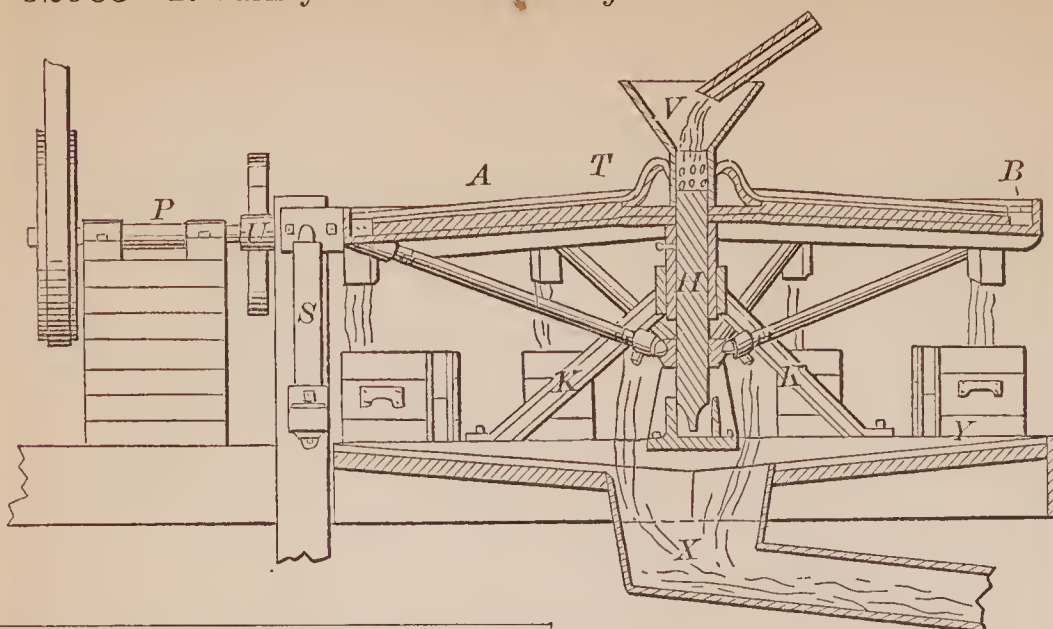
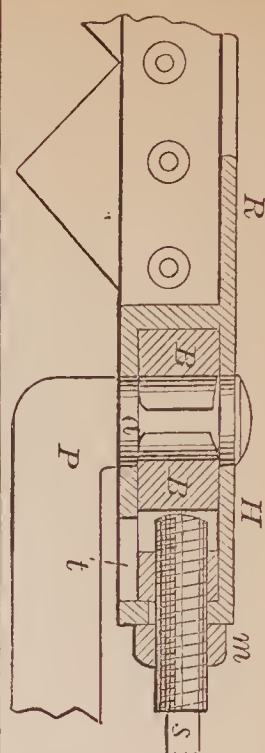
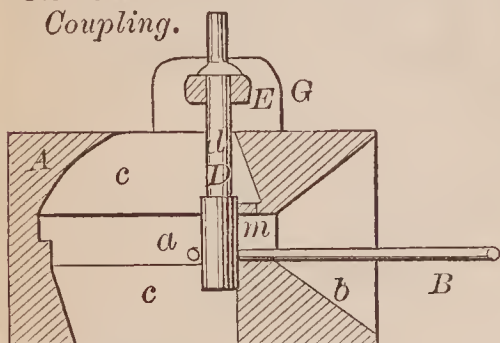
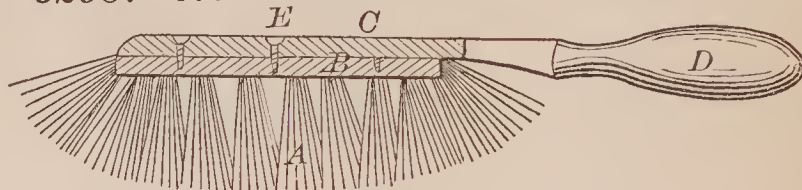
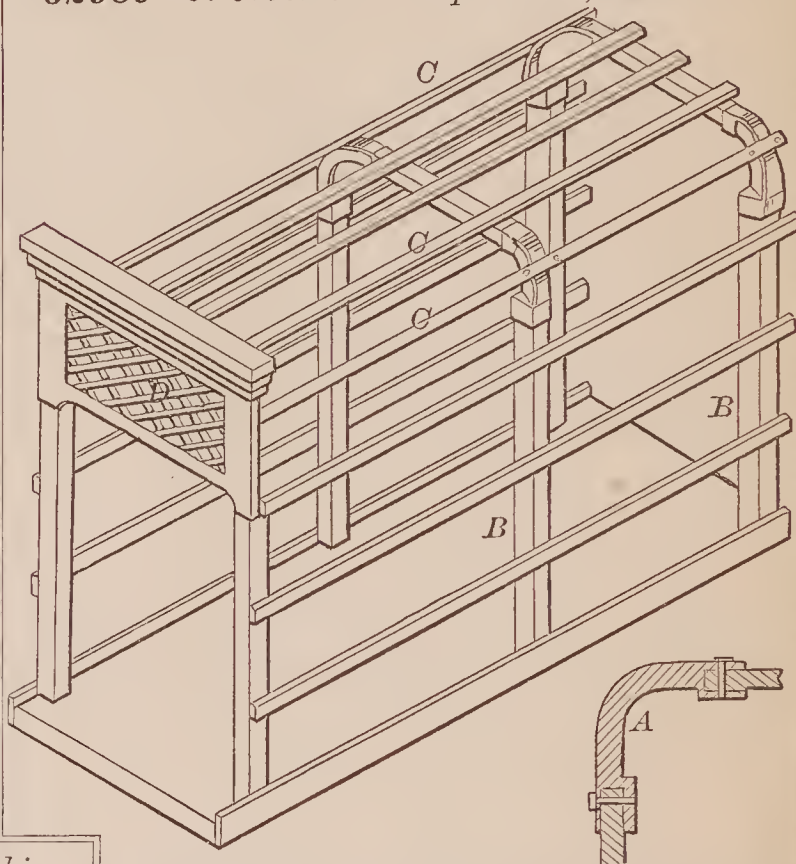
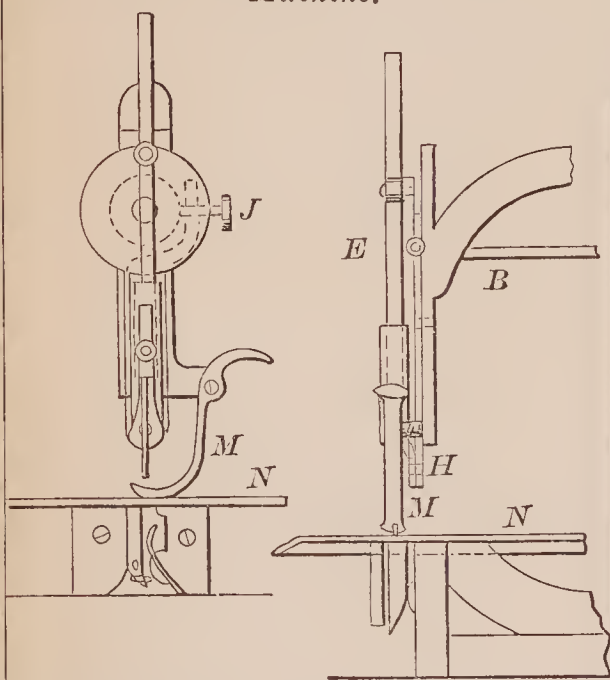
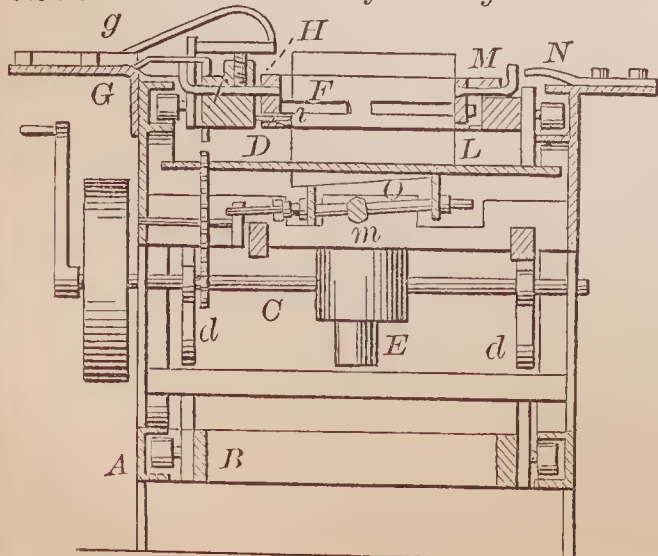
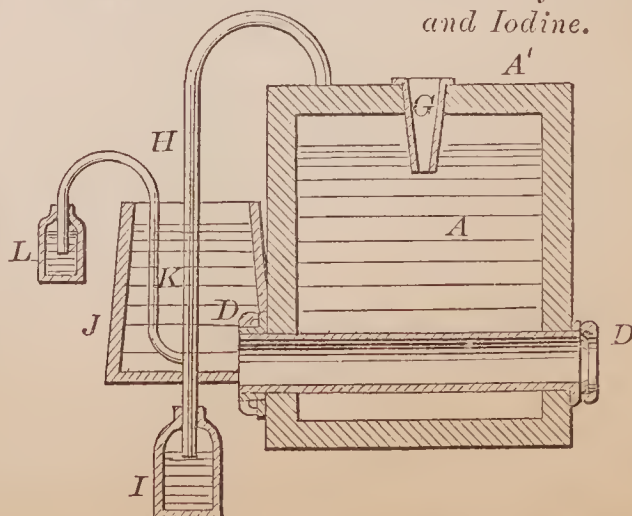
62980—E. Thomas—*Horse Shoe Nail Machine.*



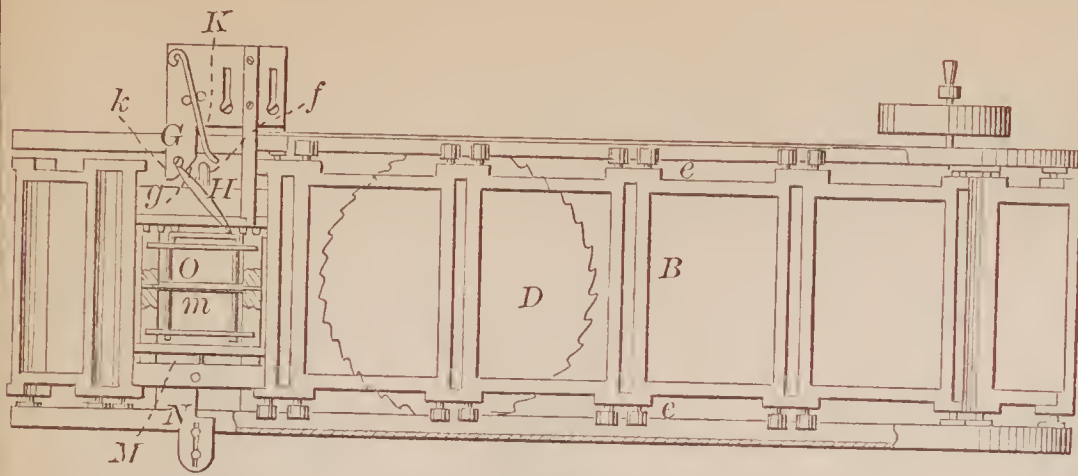
62982—S. B. Tucker—*Instrument for Supporting Fractures.*



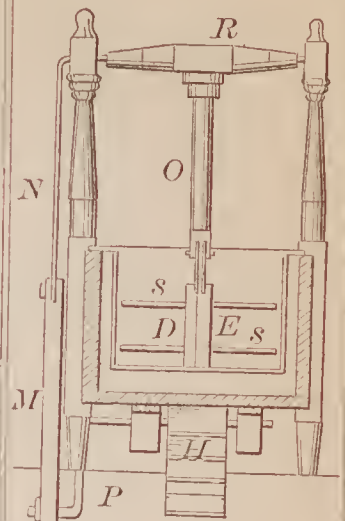
62981—T. Tracy—*Butt Machine.*

62983—T. Varney—*For Concentrating Ores.*62985—T. Welch—*Harvester Cutter Bar.*62984—W. Y. Warner—*Car Coupling.*62987—J. B. Alden—*Brush.*62989—J. O. Altick—*Grape Arbor, &c.*62986—H. F. Willson—*Sewing Machine.*62990—S. E. Anthony—*Shingle Machine.*62988—D. Alter—*Distillation of Bromine and Iodine.*

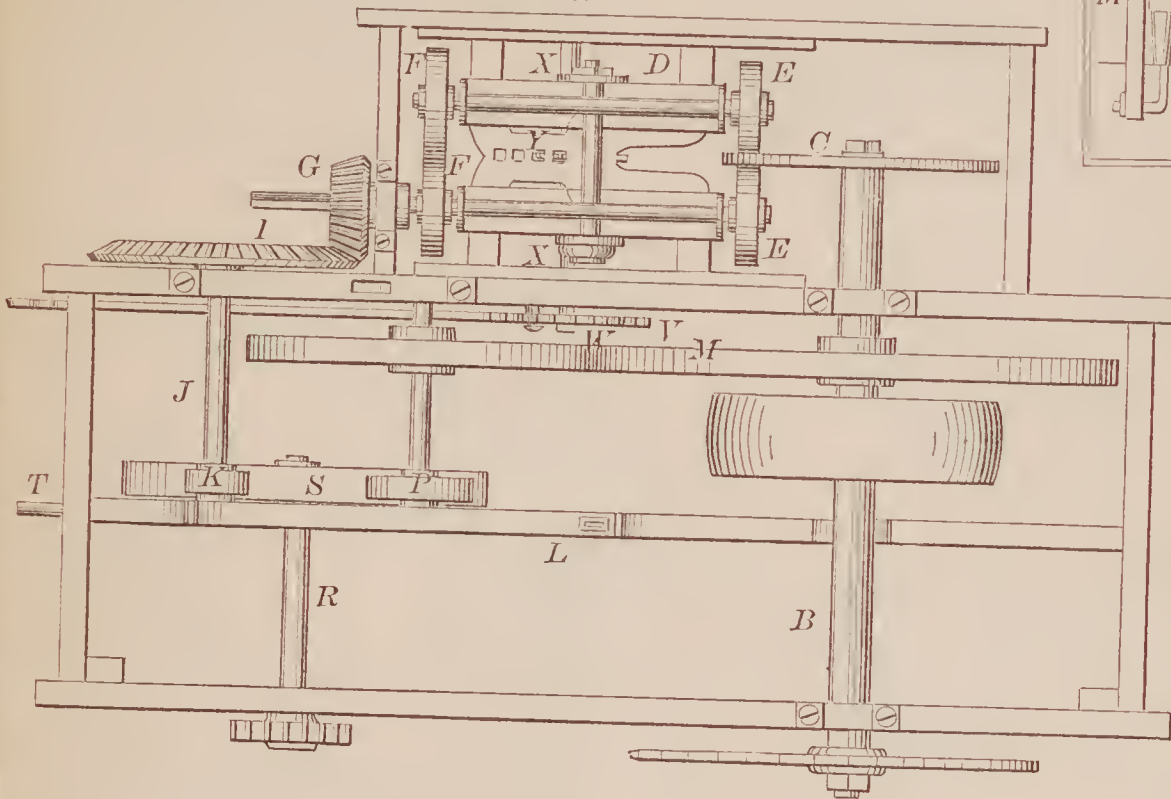
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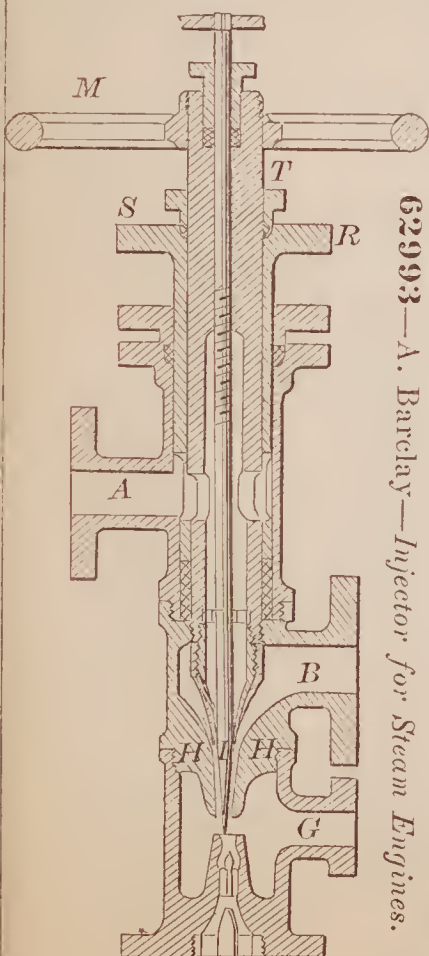
62991—
G. Austin—
Cheese Vat.



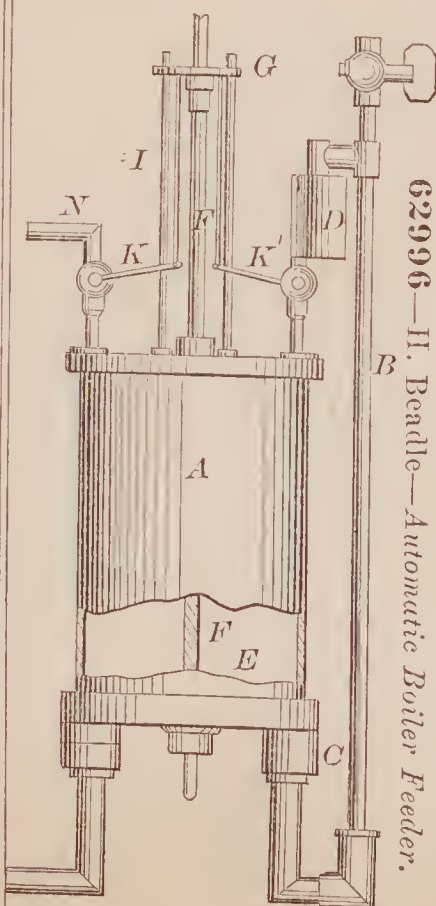
62995—Bassett & Smith—Saw Mill.



62994—H. C. Bascom—Gun Worm.

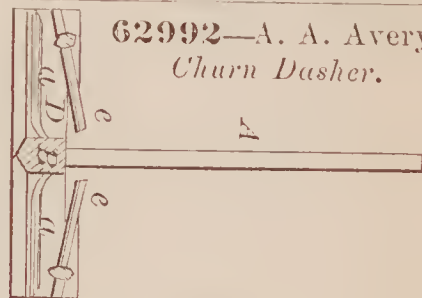


62993—A. Barclay—Injector for Steam Engines.

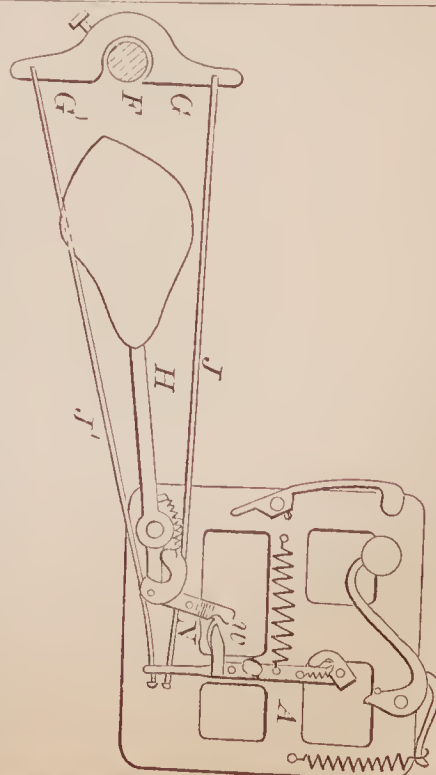


62996—H. Beadle—Automatic Boiler Feeder.

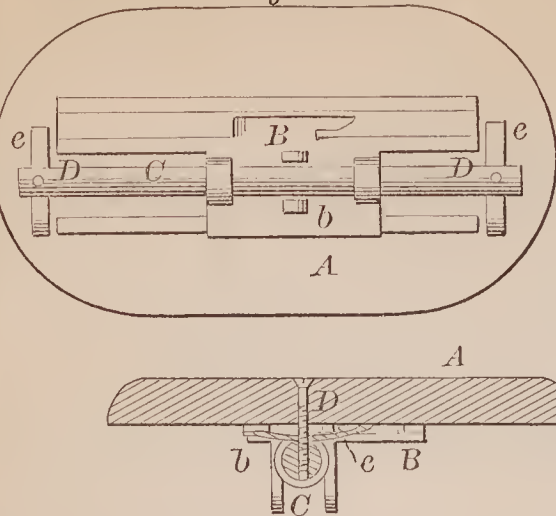
62992—A. A. Avery—
Churn Dasher.



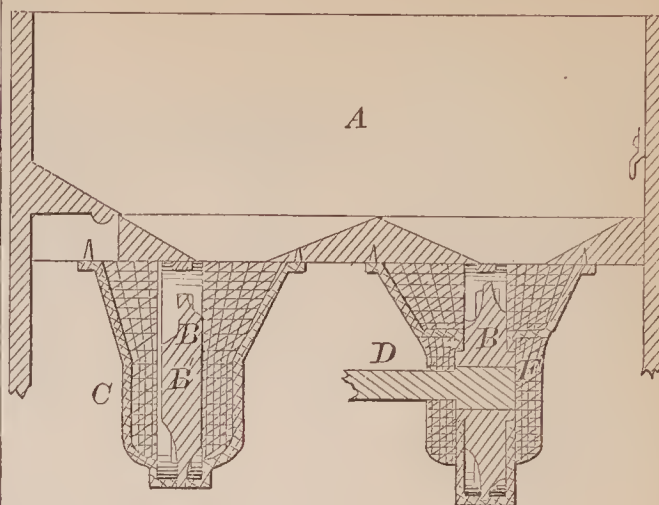
62998—H. Behn—Burglar Alarm.



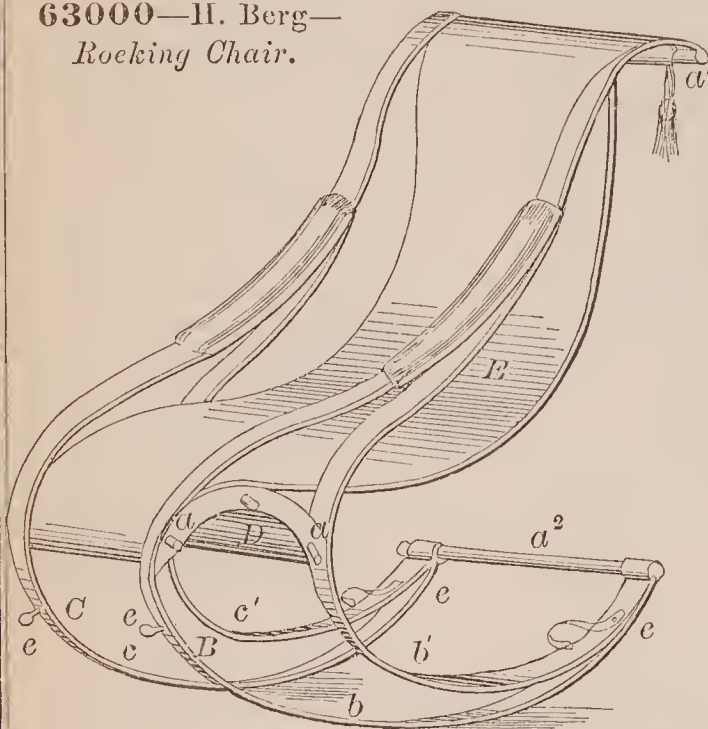
62999—W. Bennett—*Shuttle Carrier for Sewing Machines.*



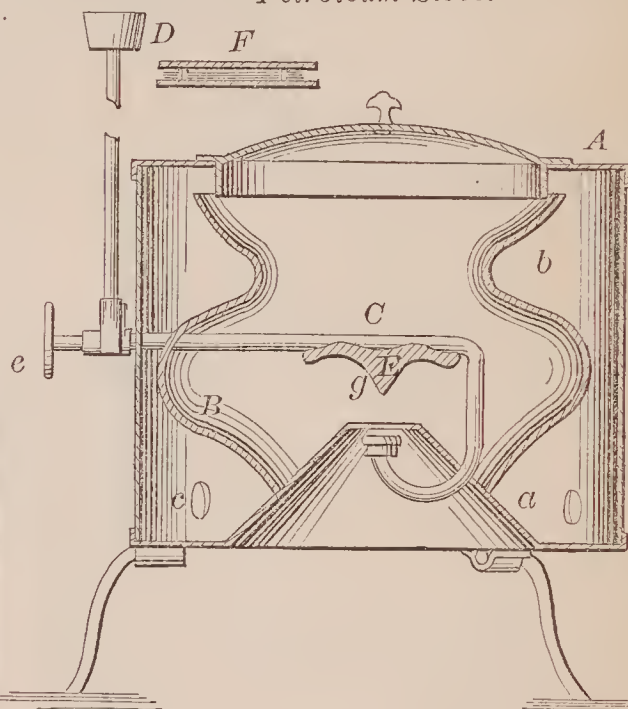
63001—L. Bickford—*Grain Drill.*



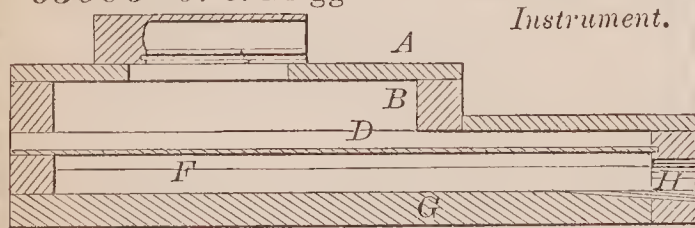
63000—H. Berg—*Rocking Chair.*



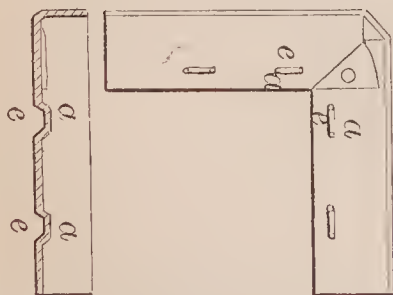
63004—A. T. Boon—*Gas Heater and Petroleum Stove.*



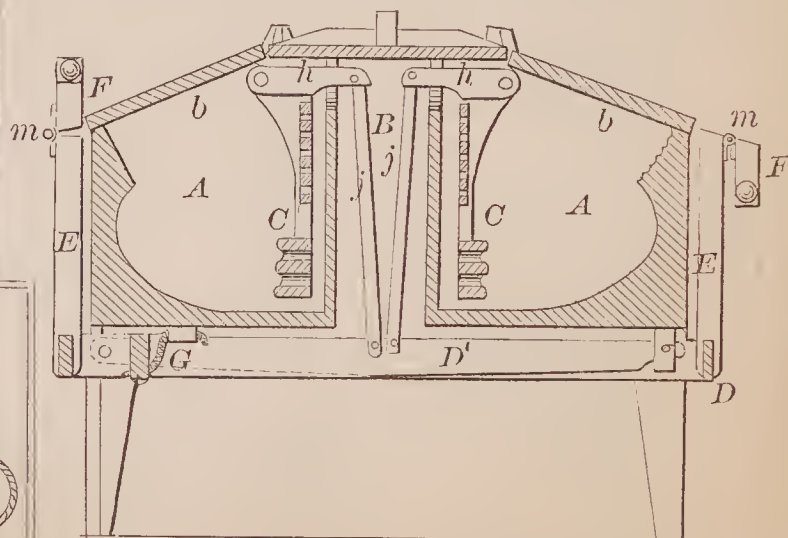
63006—J. C. Briggs—*Reed Musical Instrument.*



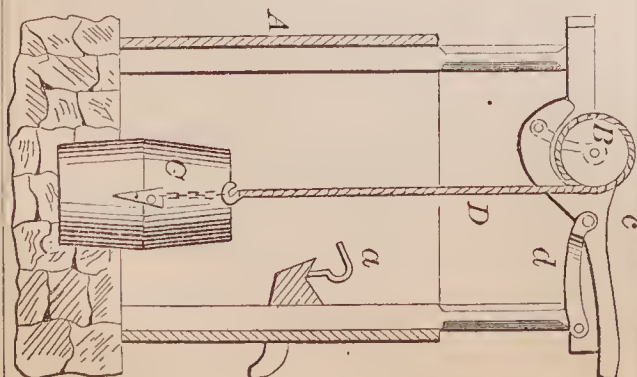
63002—C. F. Blakslee—*Carpet Bag.*



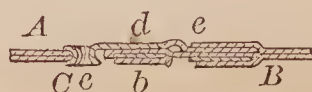
63003—A. Blood, Sr.—*Washing Machine.*



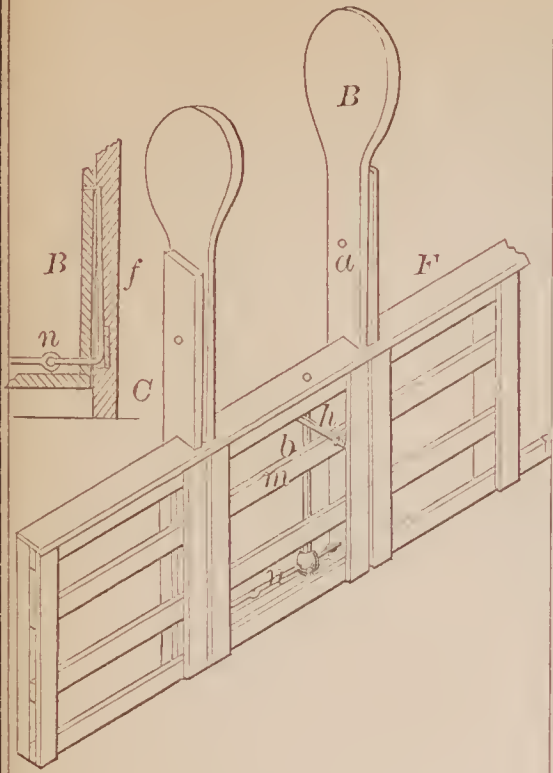
63007—R. Brown—*Water Elevator.*



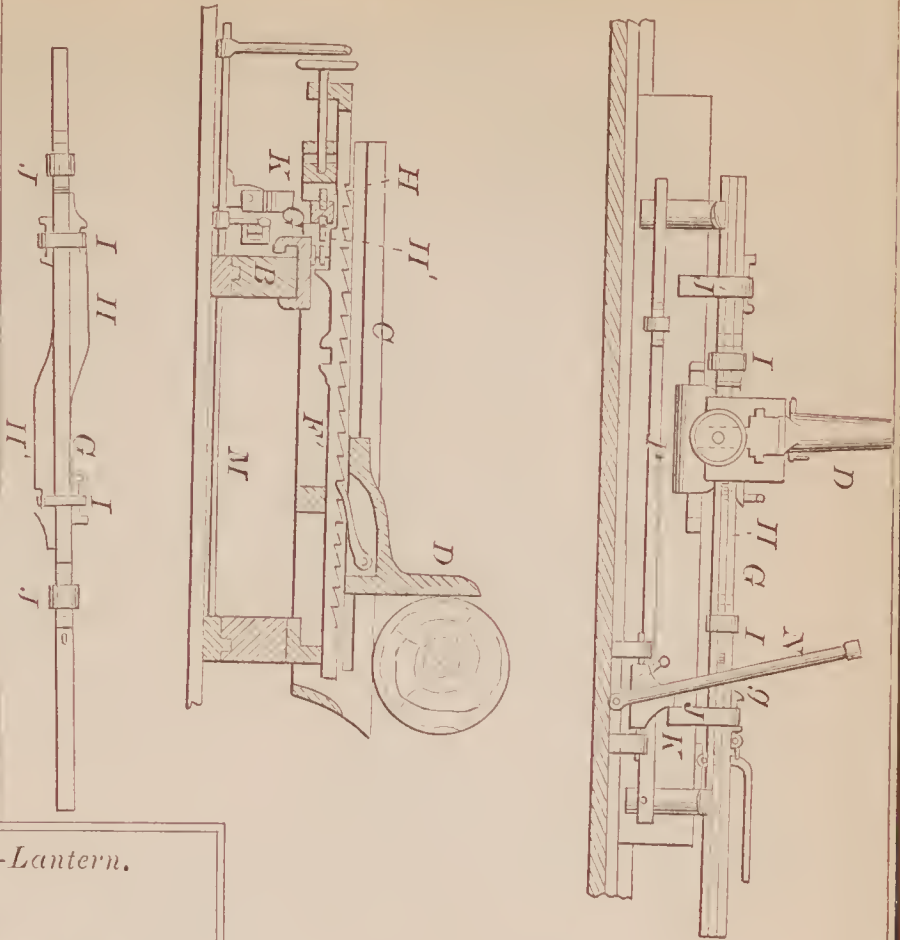
63005—J. Bowers—*Corset Fastening.*



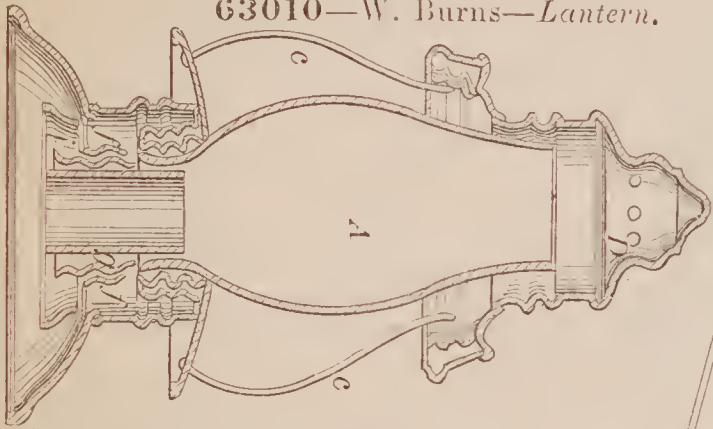
63008—T. I. Burhyte—Gate.



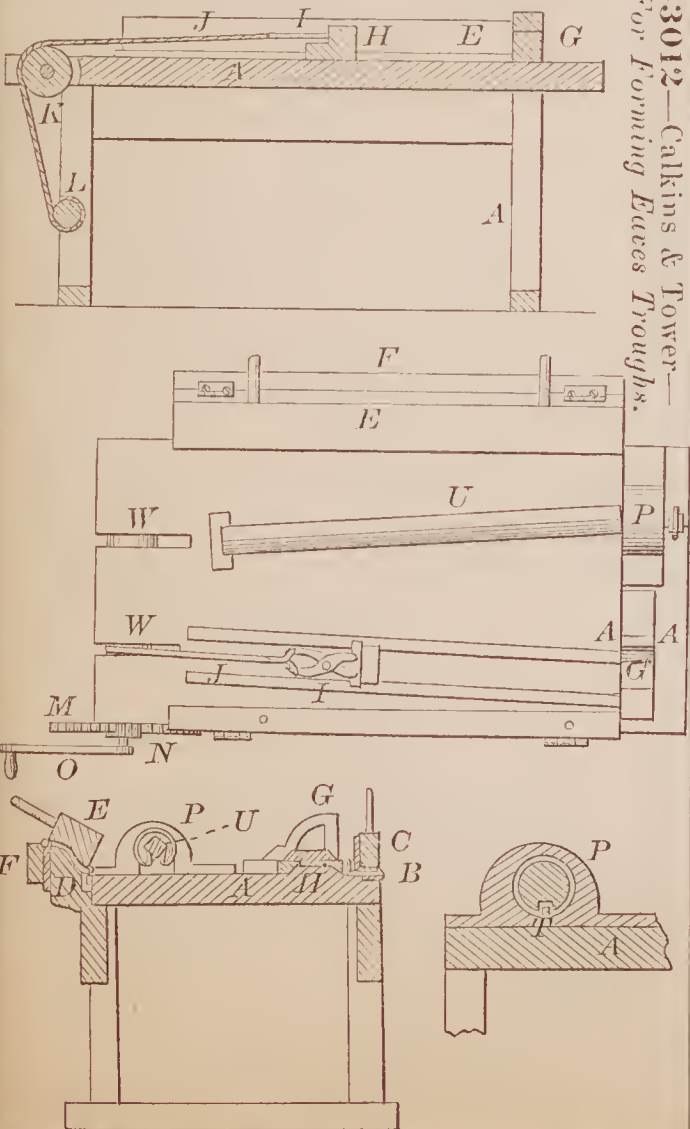
63009—Burket & Gaskill—Head Block for Saw Mills.



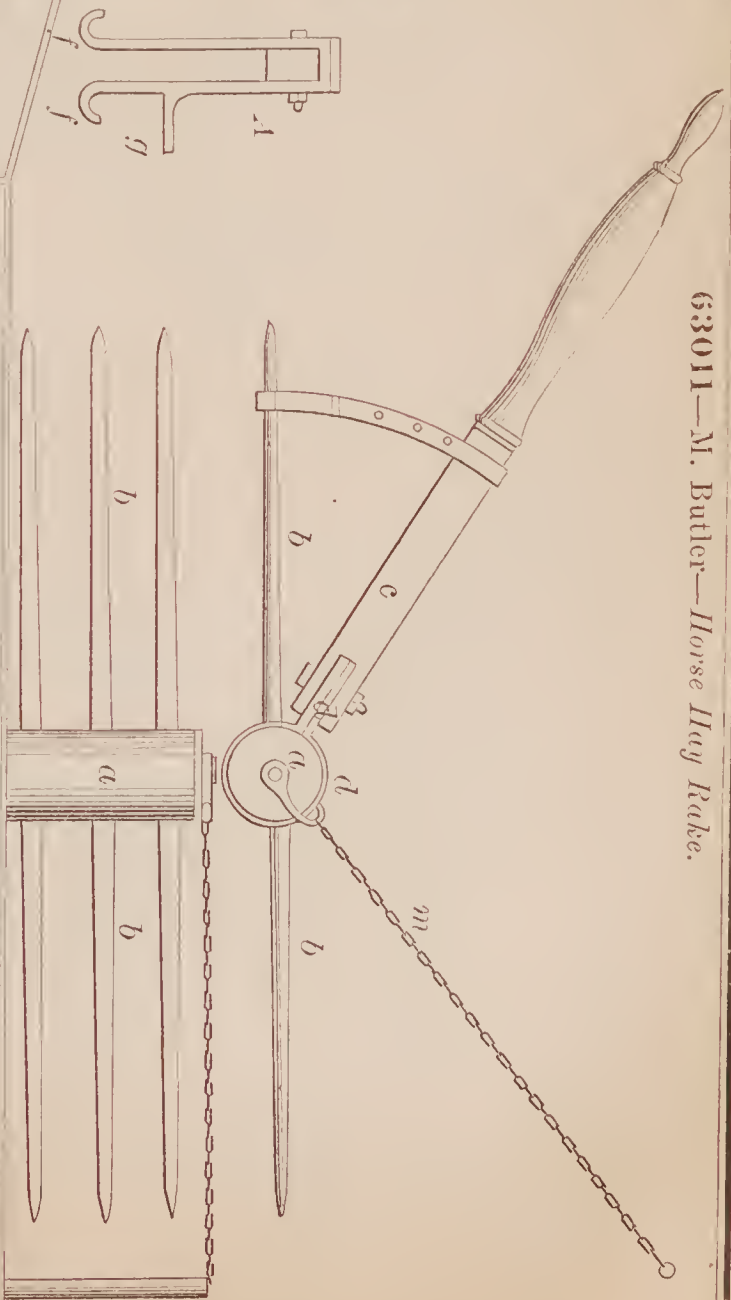
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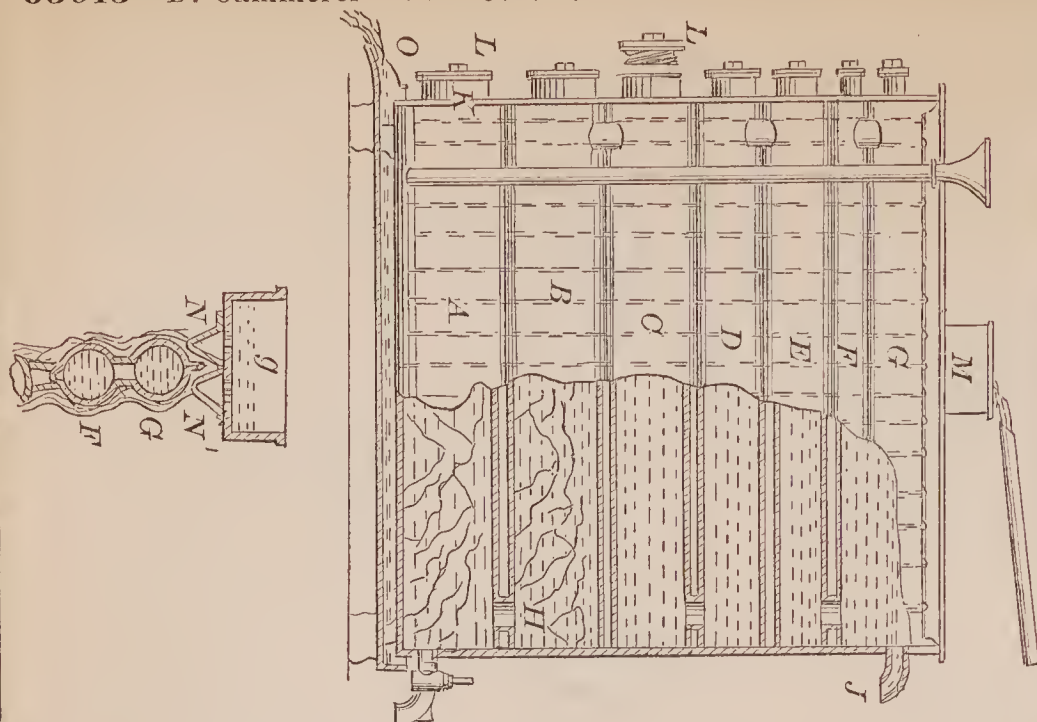


63012—Calkins & Tower—
For Forming Eaves Troughs.

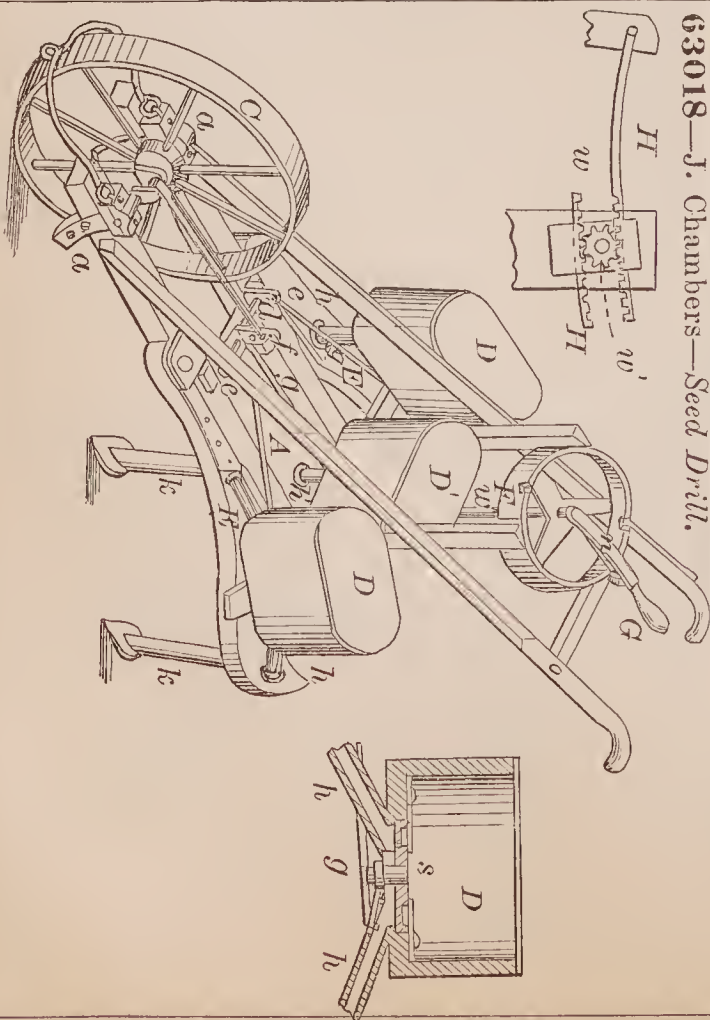
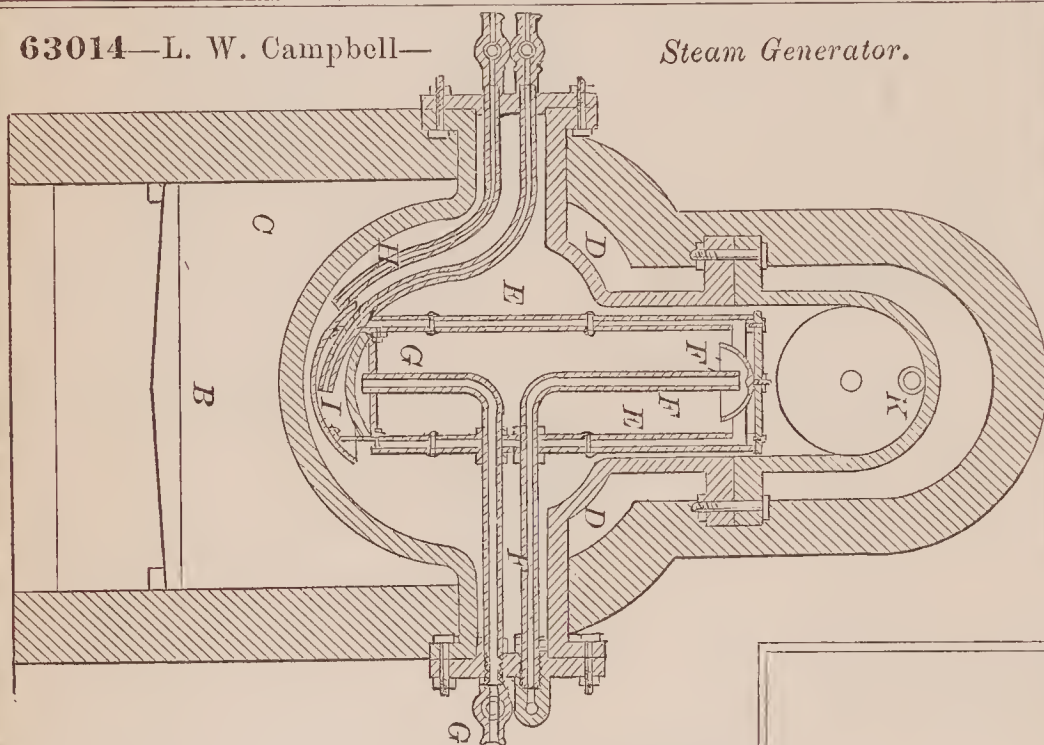
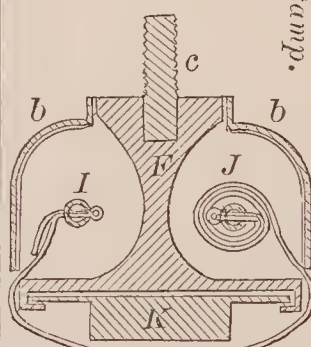
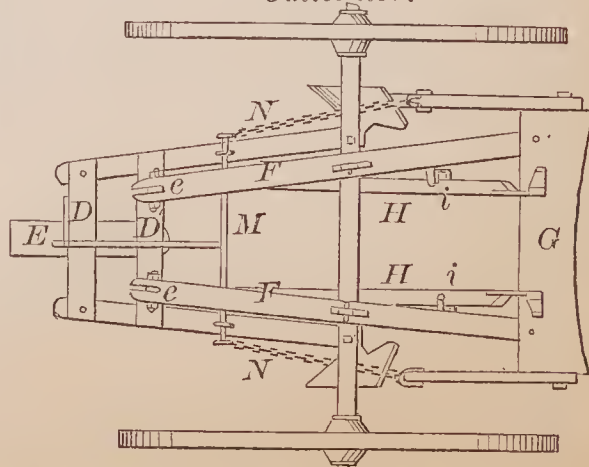
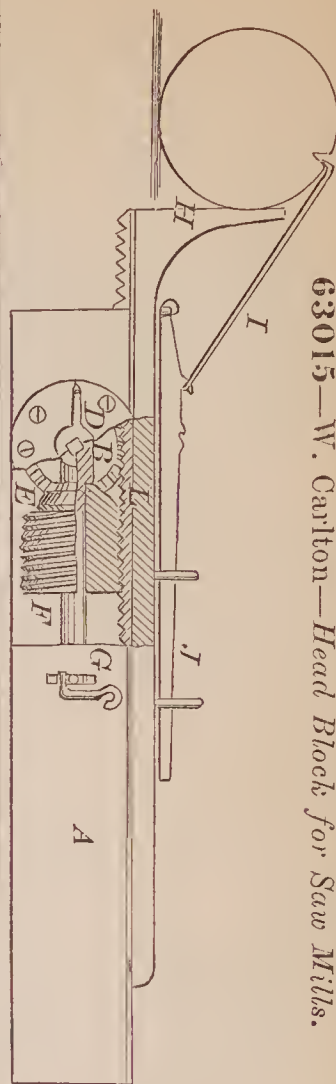
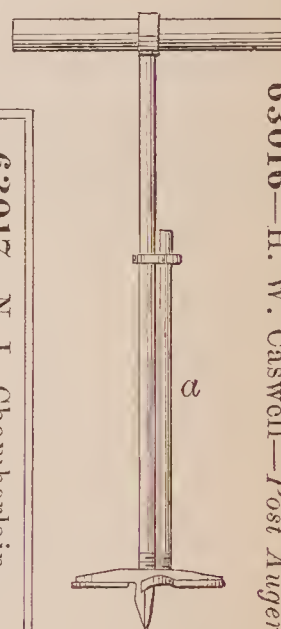


63011—M. Butler—Horse Hay Rake.

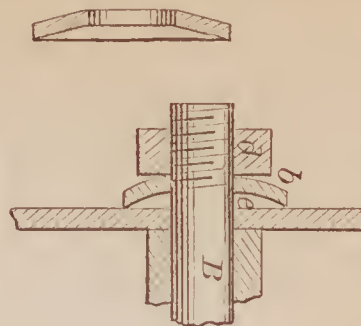
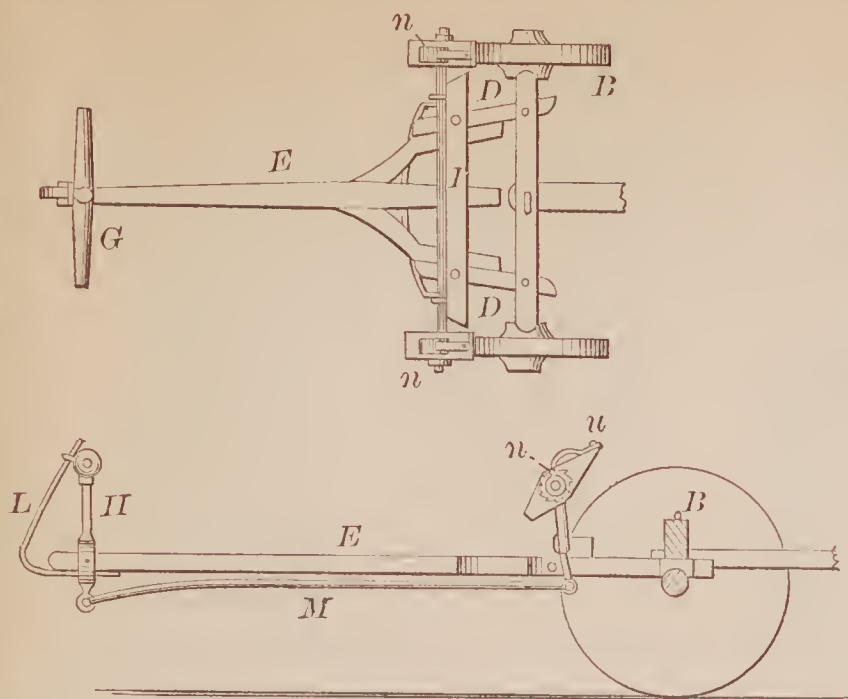


63013—D. Cammerer—*Beer Cooler.*

63014—L. W. Campbell—

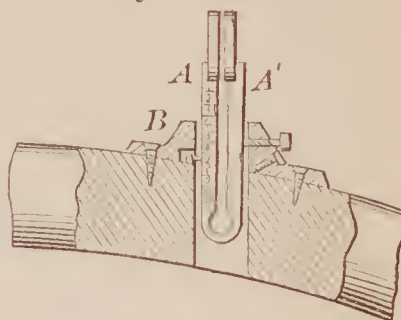
Steam Generator.63018—J. Chambers—*Seed Drill.*63017—N. L. Chamberlain—*Hand Stamp.*63019—I. H. Chappell—*Planter and Cultivator.*63015—W. Carlton—*Head Block for Saw Mills.*63016—H. W. Caswell—*Post Auger.*

63020—Coddling & Pringle—Wagon Brake.

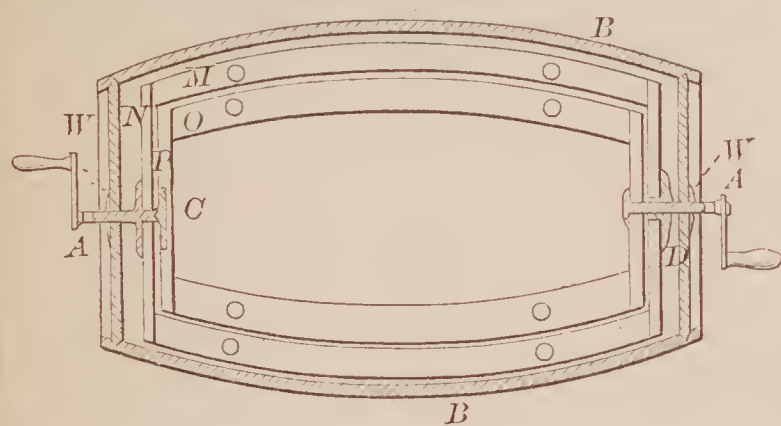


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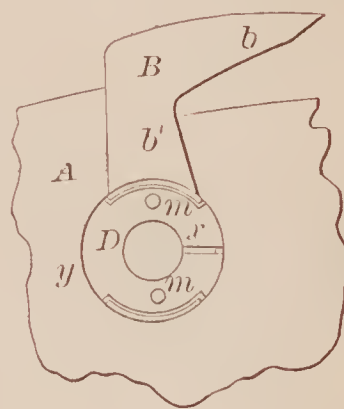
63022—W. Conner—Back Sight for Fire Arms.



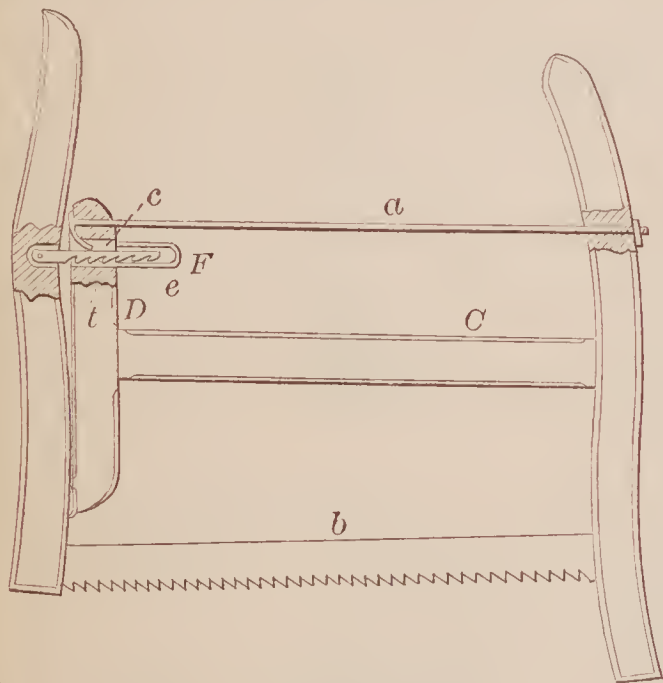
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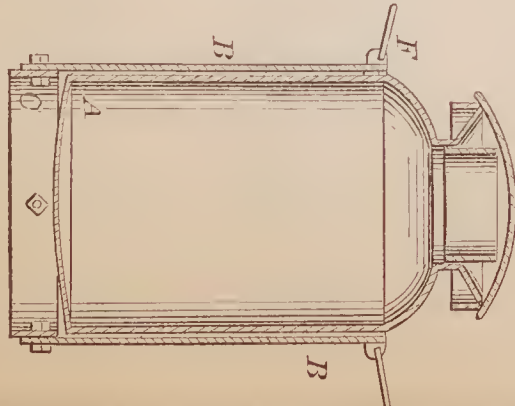
63024—C. Disston—Saw.



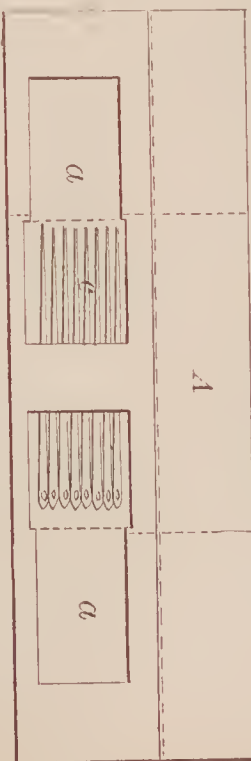
63025—H. Disston—Buck Saw Frame.



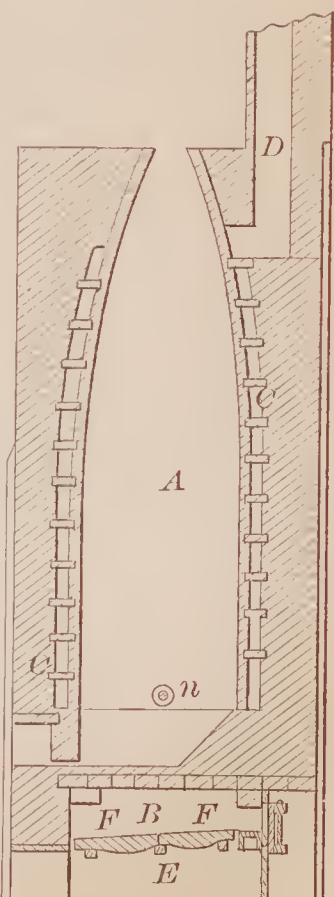
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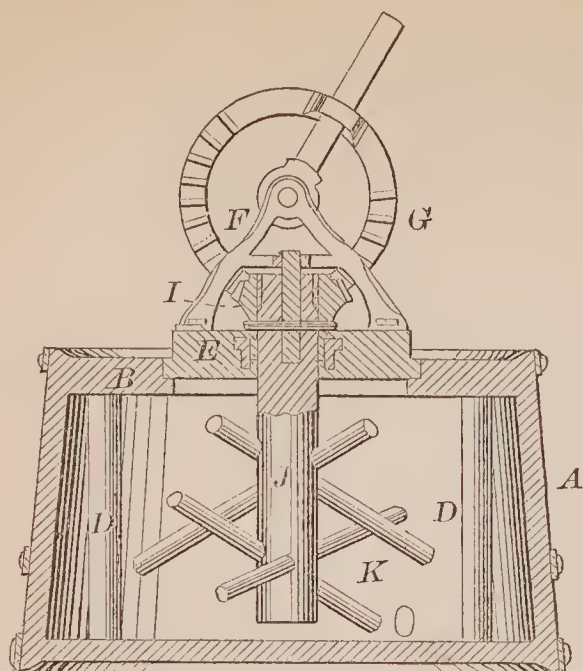
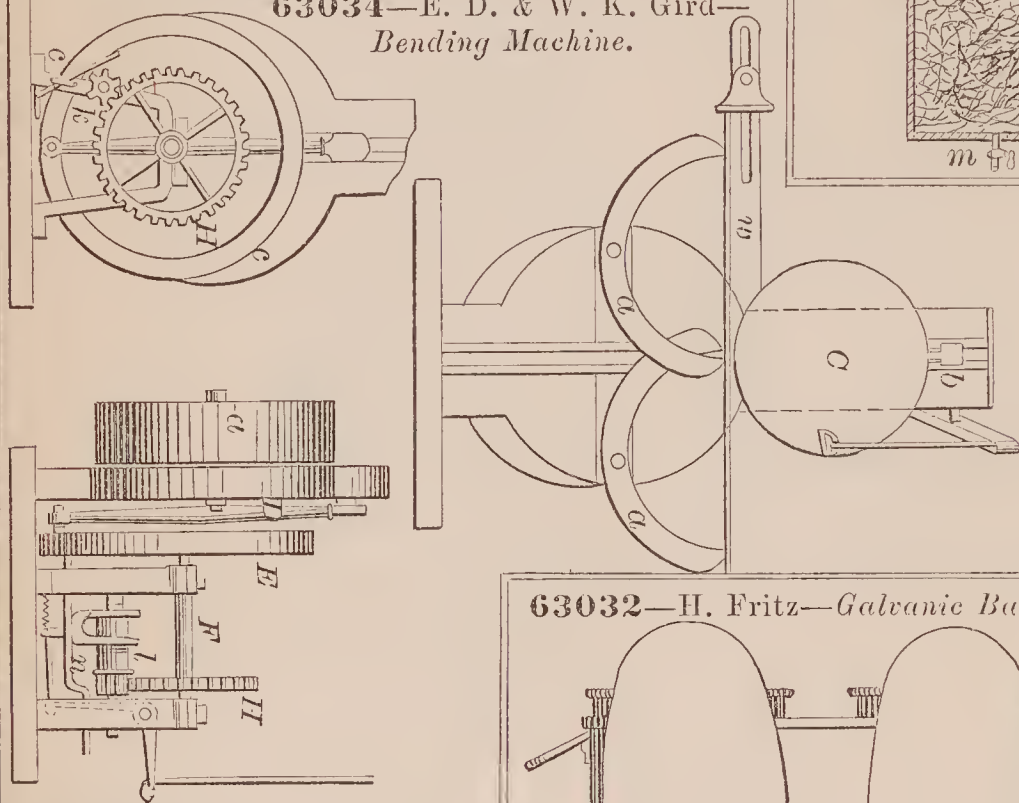
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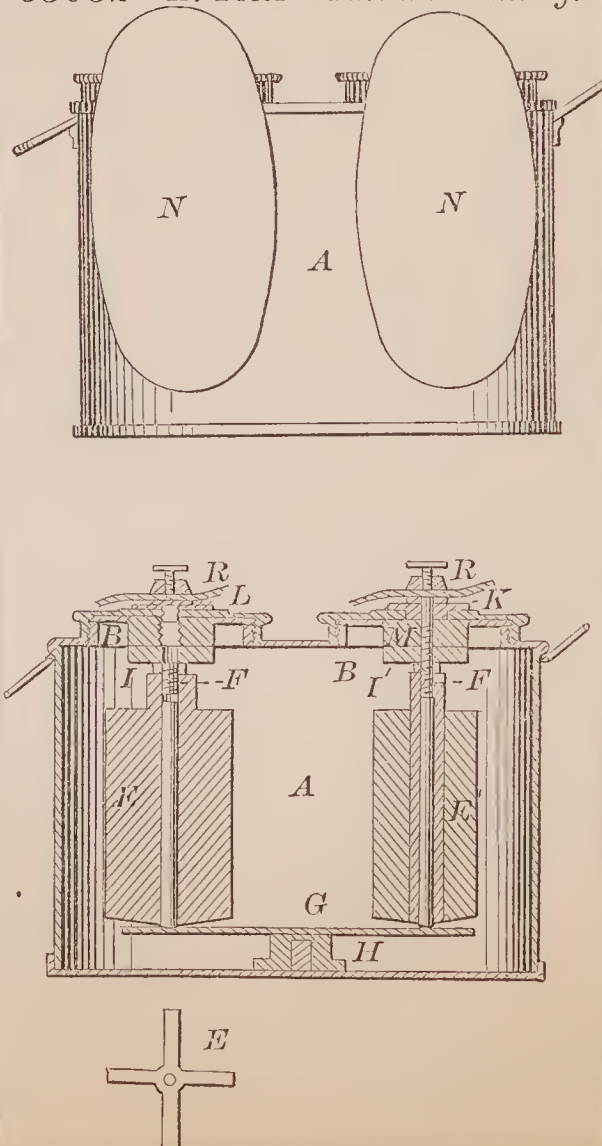
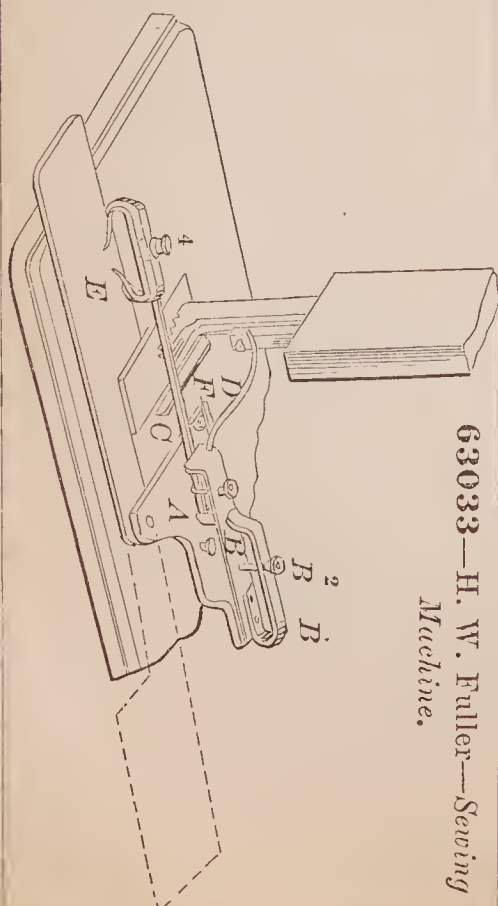
63026—W. Elmer—Separating Metals.



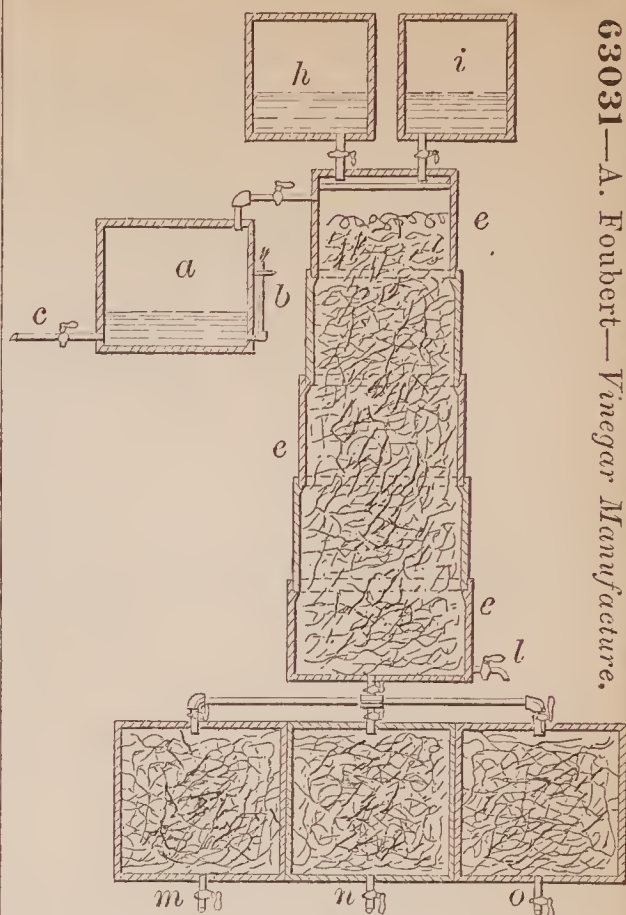
63030—H. S. Forney—Washing Machine.

63034—E. D. & W. K. Gird—
Bending Machine.

63032—H. Fritz—Galvanic Battery.

63033—H. W. Fuller—Sewing
Machine.

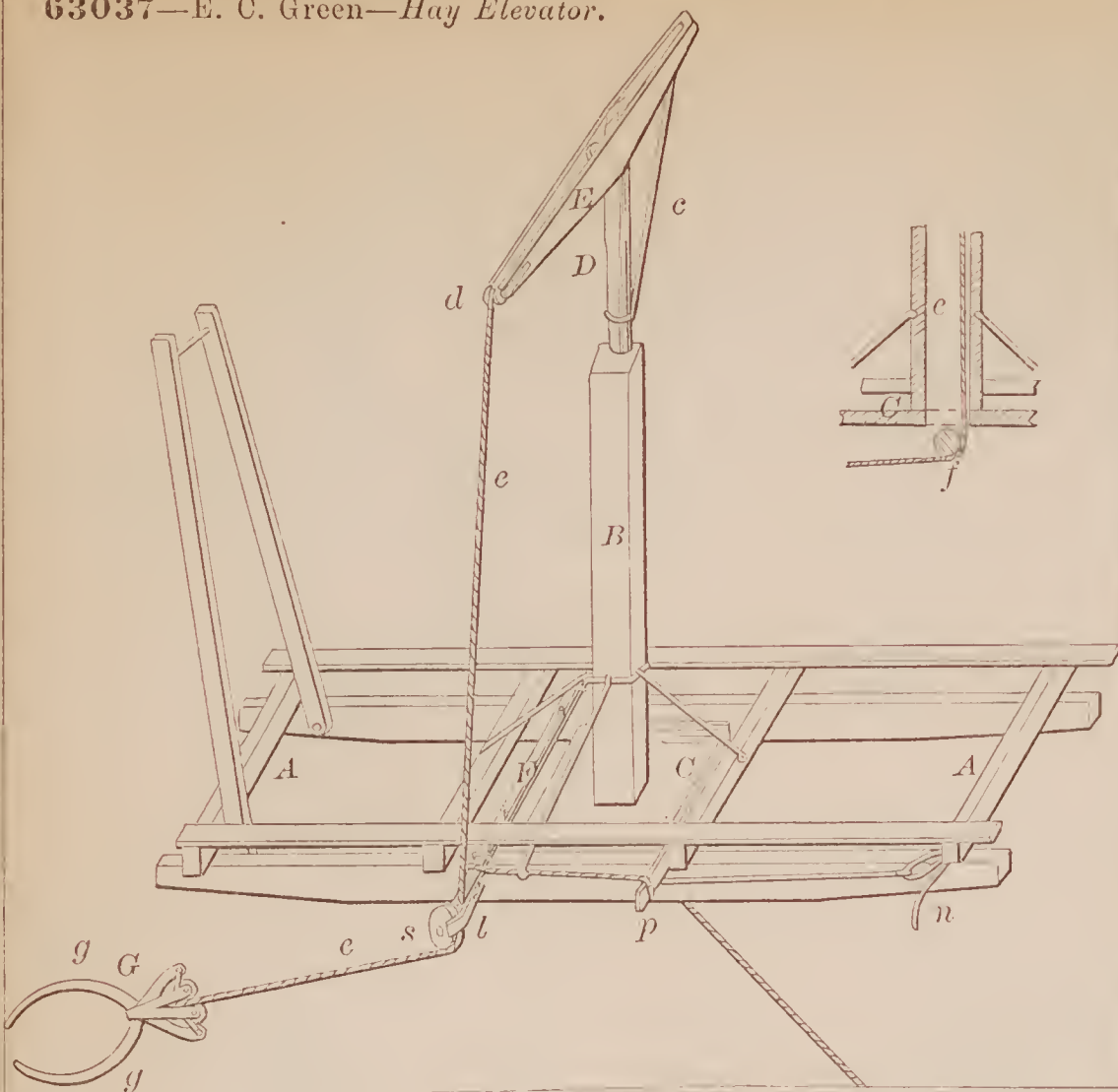
63031—A. Foubert—Vinegar Manufacture.



63035—H. A. Graef—Portable Tree Box.



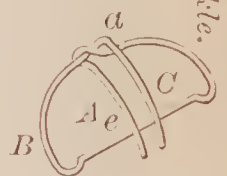
63037—E. C. Green—*Hay Elevator.*



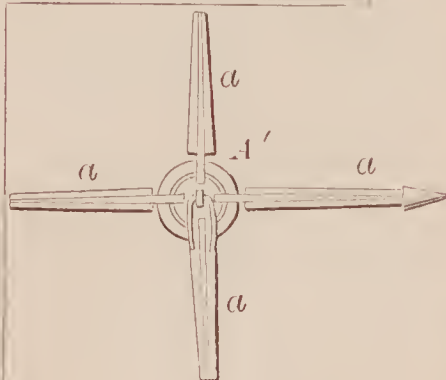
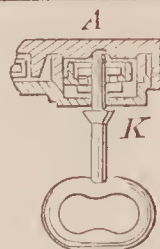
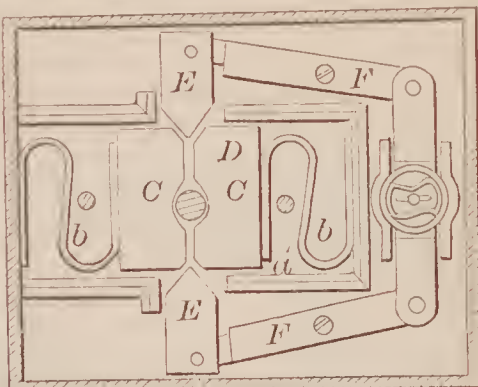
63039—T. Hall—*Connecting Rod for Machinery.*



63040—E. Hamburger—*Buckle.*



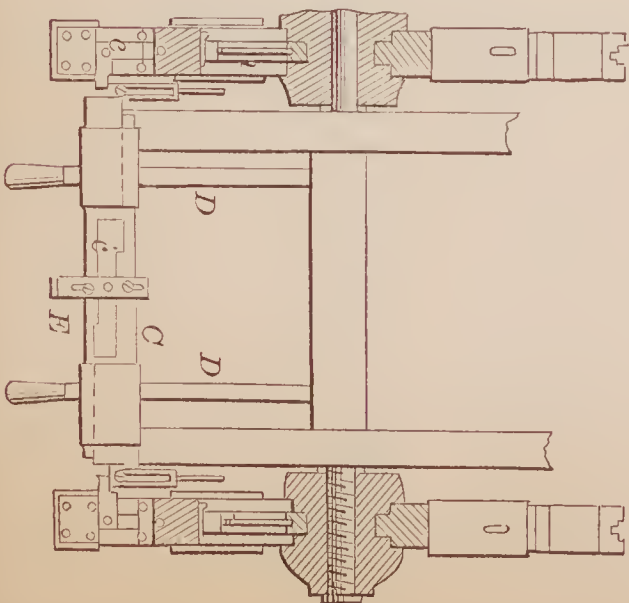
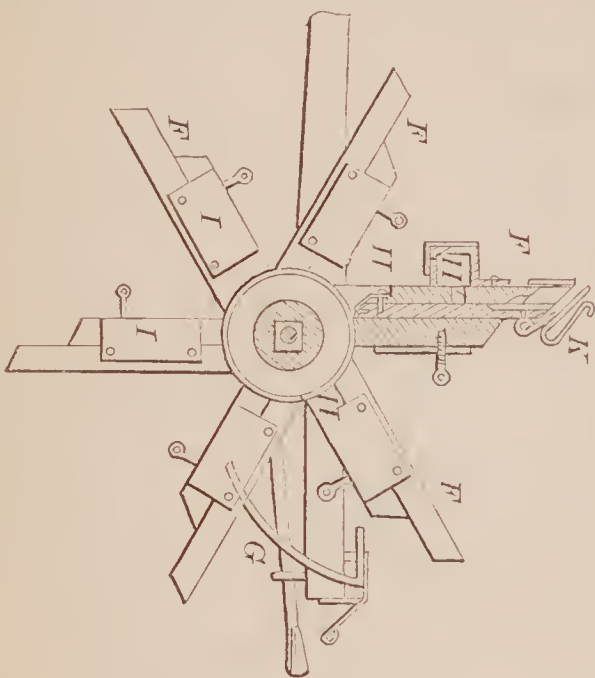
63041—W. J. Hare—*Trunk Lock.*



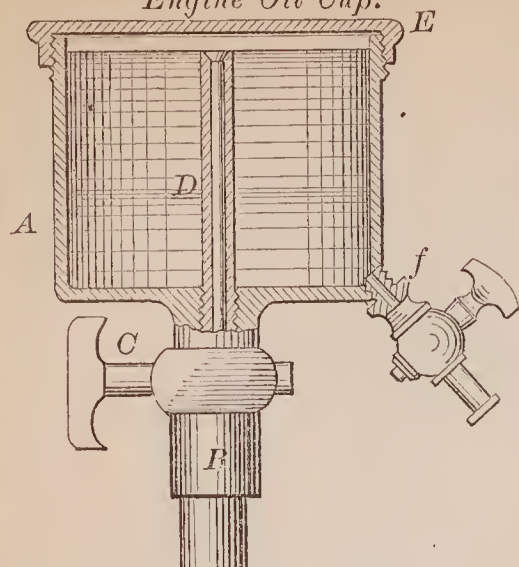
63042—O. J. Hardgrove—*Horse Hay Fork.*



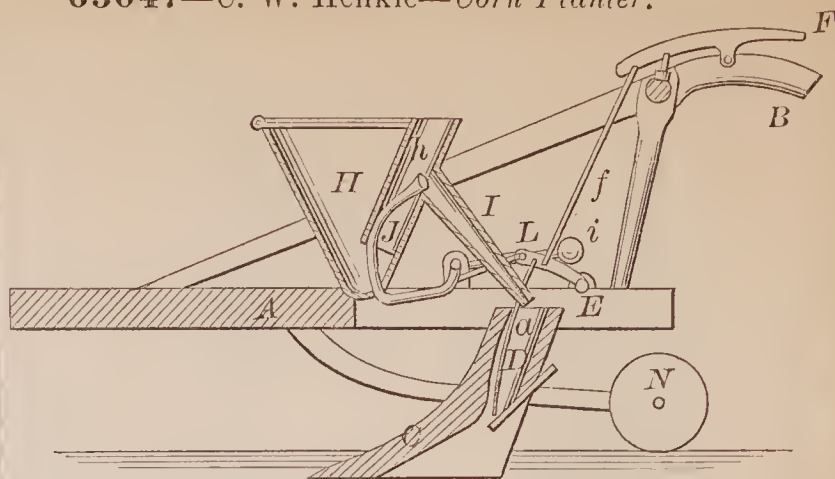
63038—J. D. Green—*Seed Planter.*



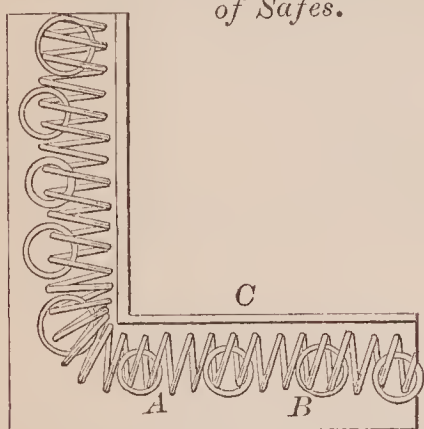
63045—M. Hawkins—*Steam Engine Oil Cup.*



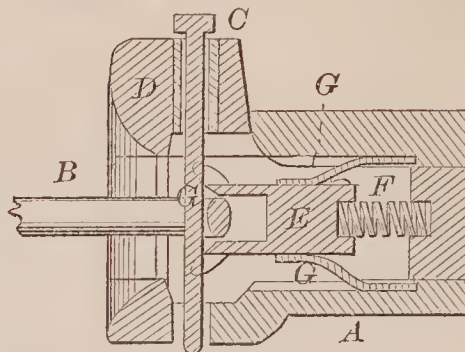
63047—C. W. Henkle—*Corn Planter.*



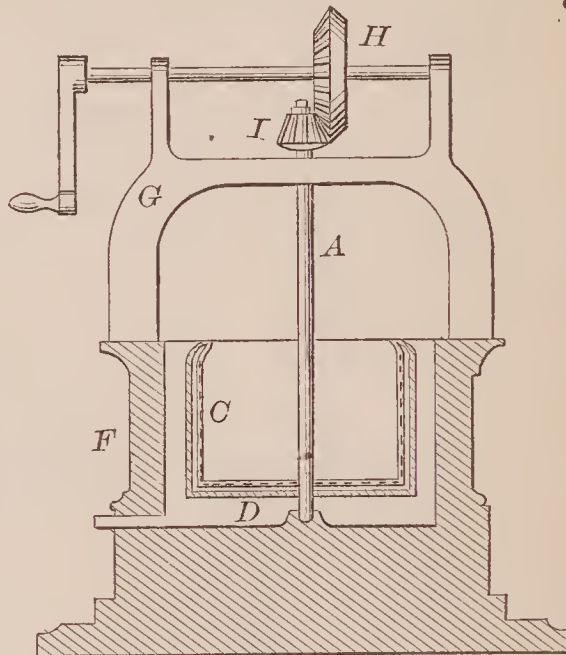
63046—E. M. Hendrickson—*Construction of Safes.*



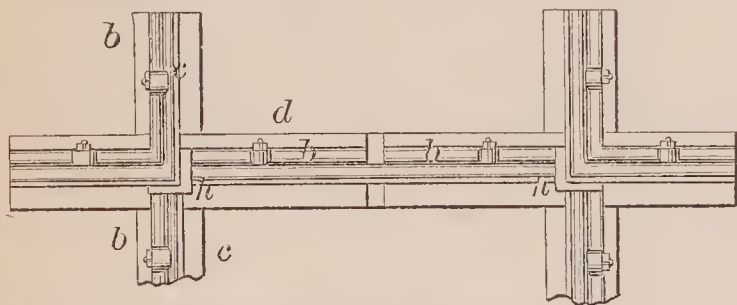
63049—H. Holden—*Car Coupling.*



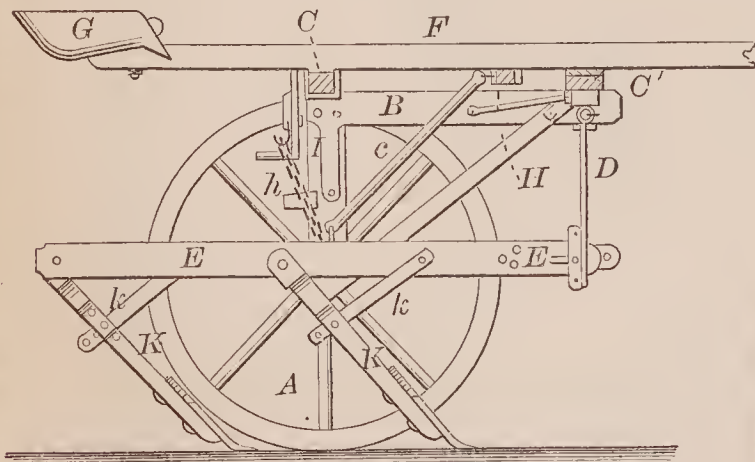
63051—F. Huot—*Refining Petroleum, &c.*



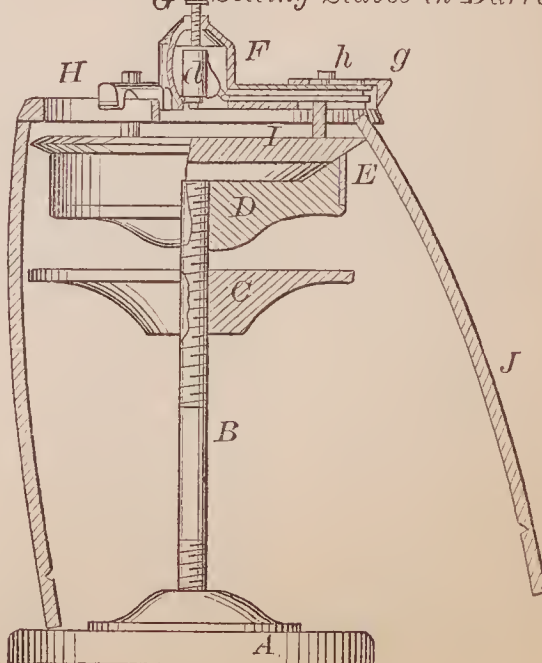
63048—E. Hiserodt—*Railroad Crossing.*



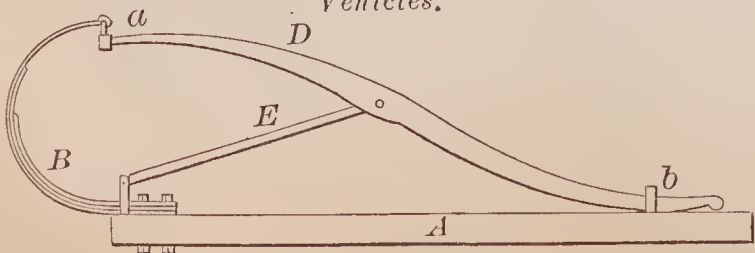
63050—H. Howe—*Cultivator.*



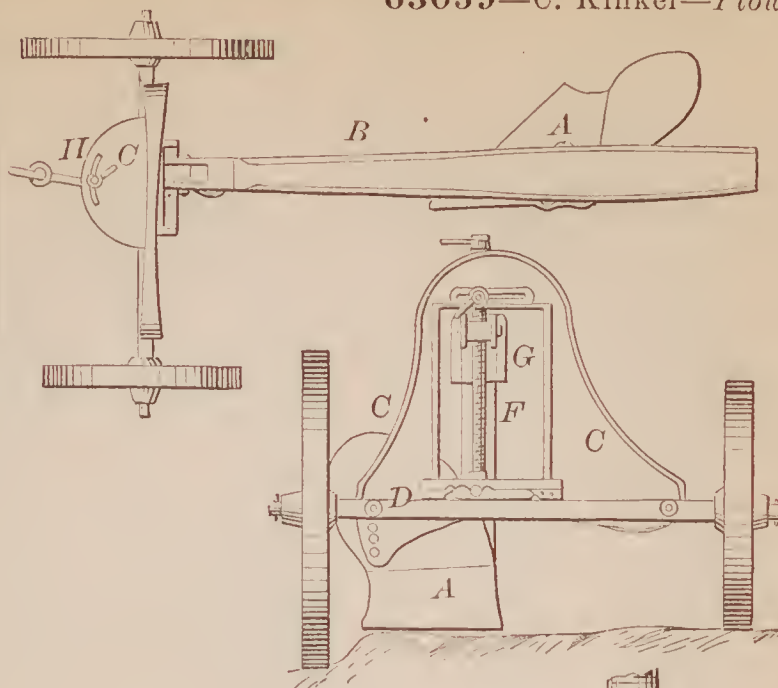
63052—C. B. Hutchinson—*For Setting Staves in Barrels.*



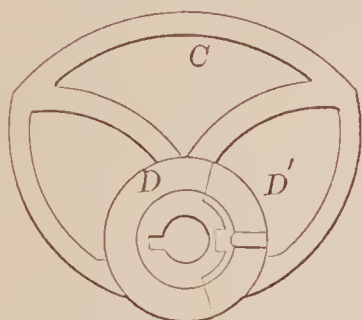
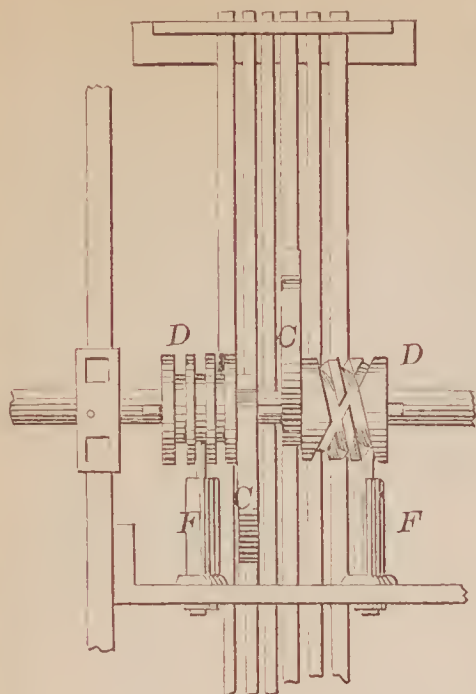
63053—S. Jackson—*Bruce for Springs of Vehicles.*



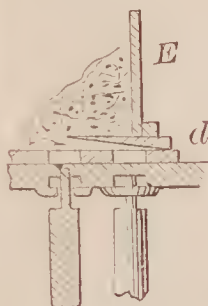
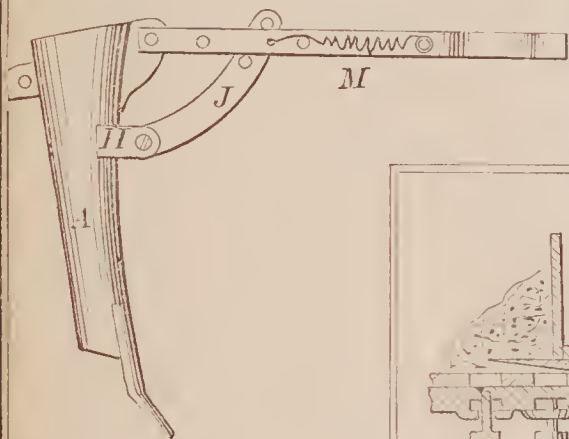
63059—C. Kinkel—*Plow.*



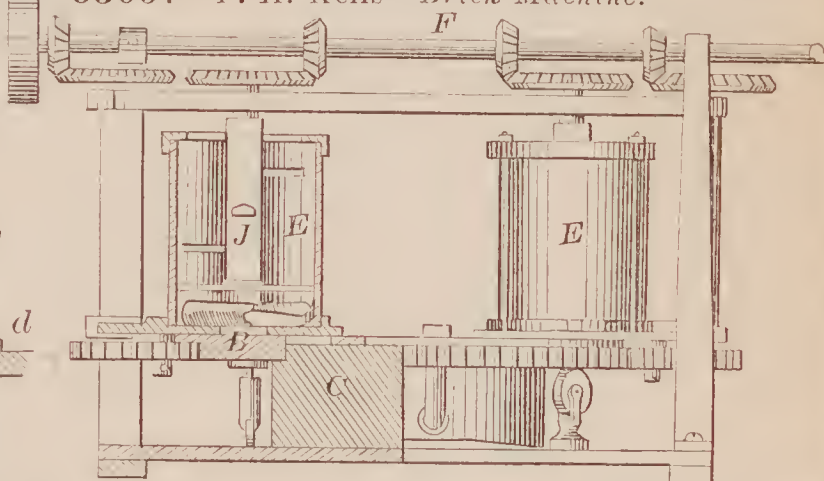
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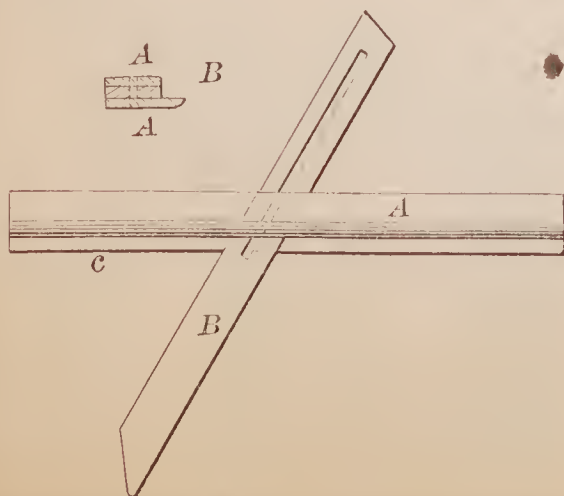
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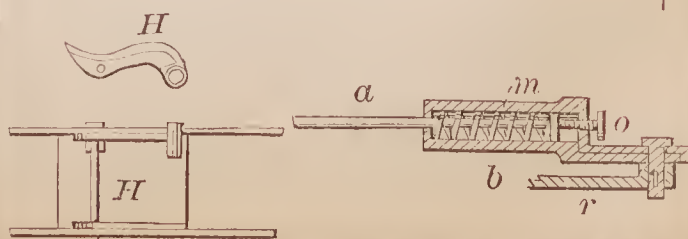
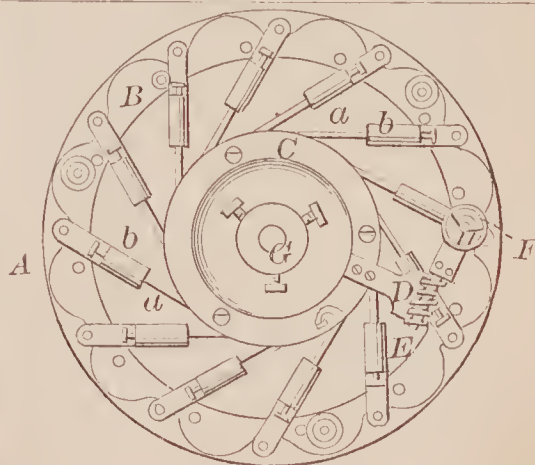
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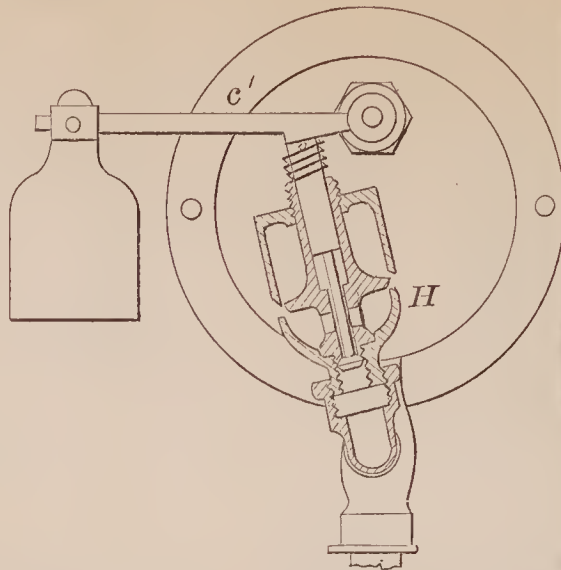
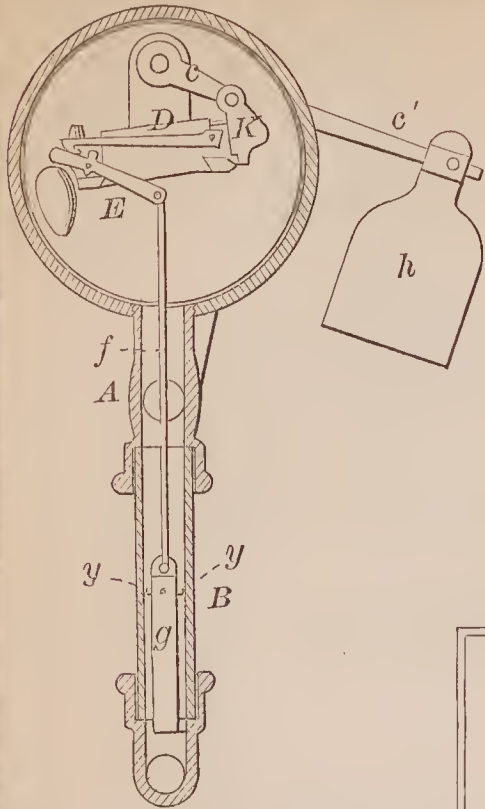
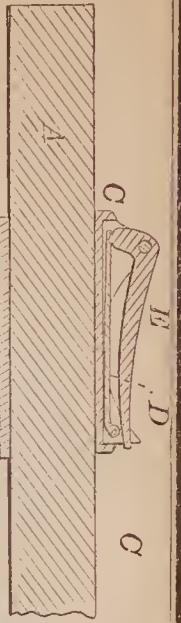
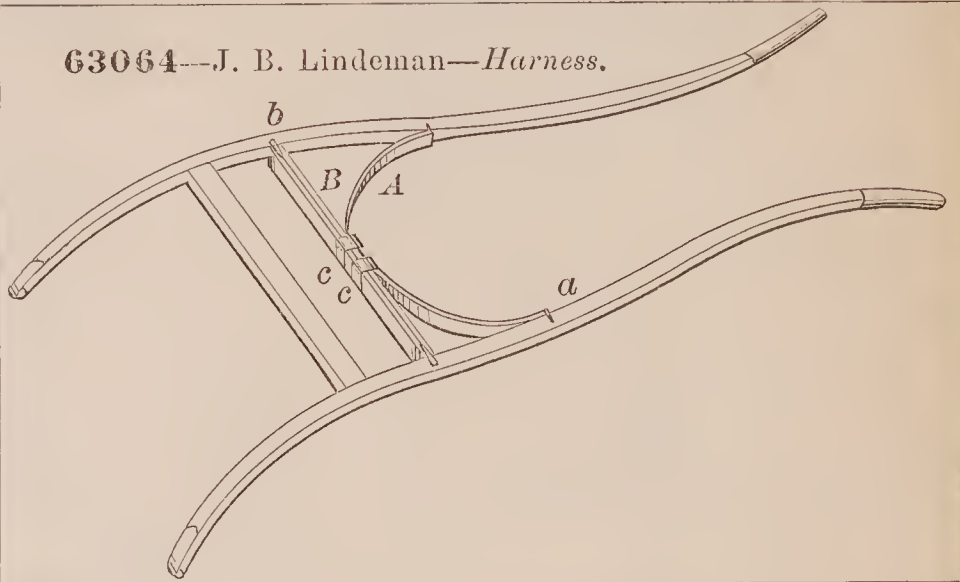
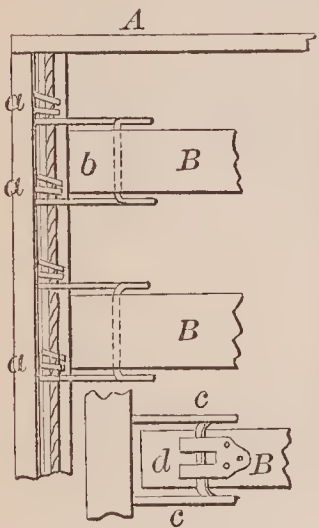
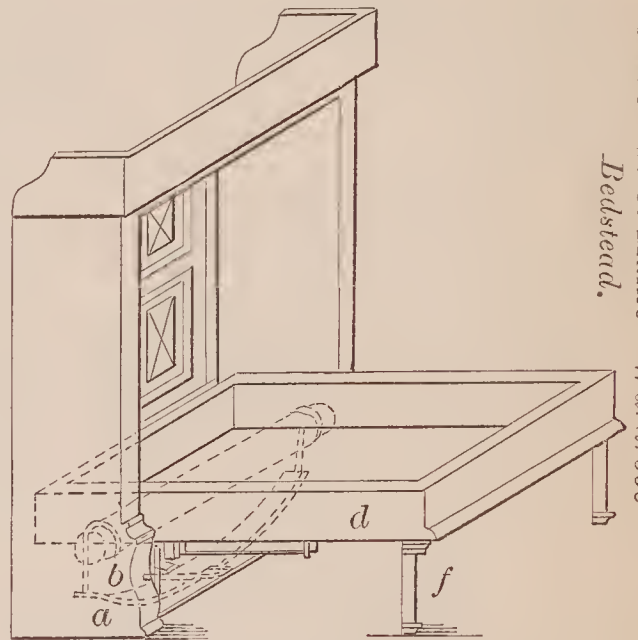
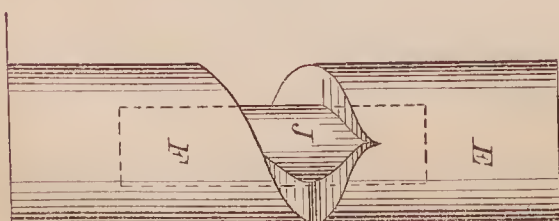
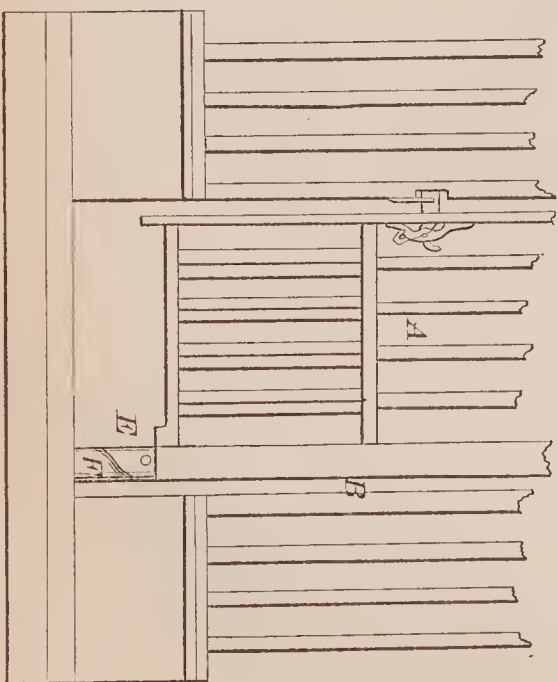
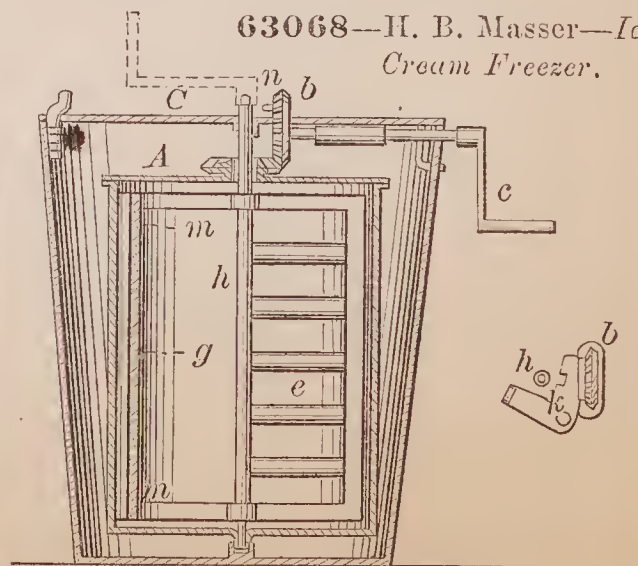


63060—A. O. Latham—*Book Keeper Ruler.*

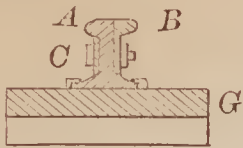


63058—T. J. Kindelberger—*Water Wheel.*

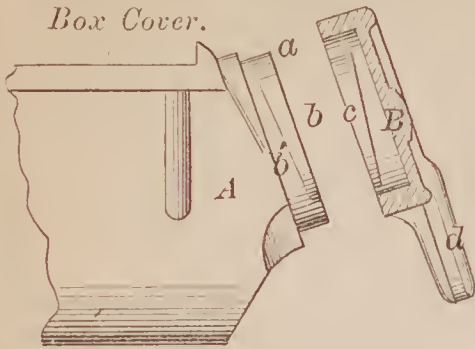


63061—W. H. Laubach—*Low Water Indicator.*63062—P. Lawyer—*Carpenter's Gauge.*63064—J. B. Lindeman—*Harness.*63066—D. Manuel—*Bed Bottom.*63065—S. C. Maine—*Wardrobe Bedstead.*63067—J. W. Martin—*Gate.*63068—H. B. Masser—*Ice Cream Freezer.*

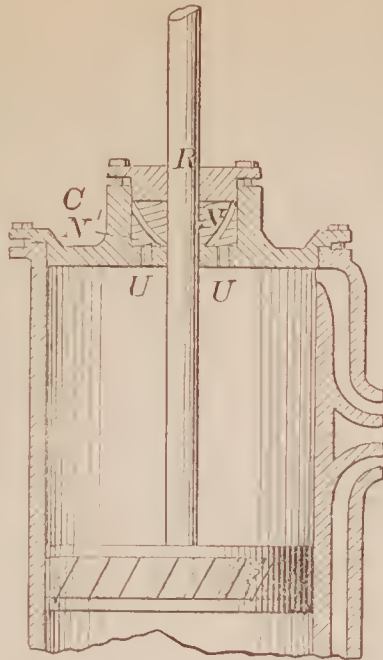
63069—A. S. McClure—
Railway Joint.



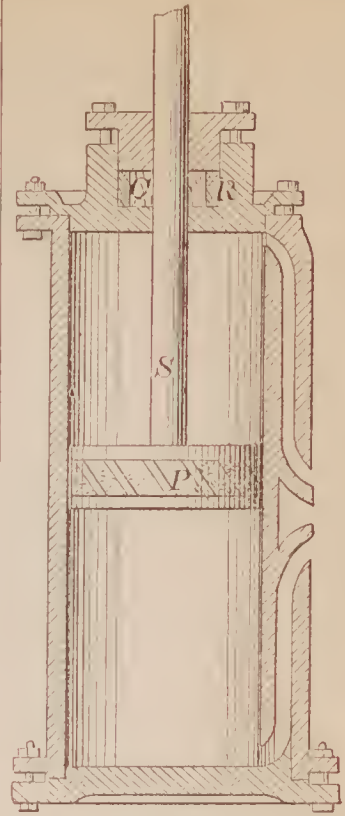
63070—R. McDowell—*Acle
Box Cover.*



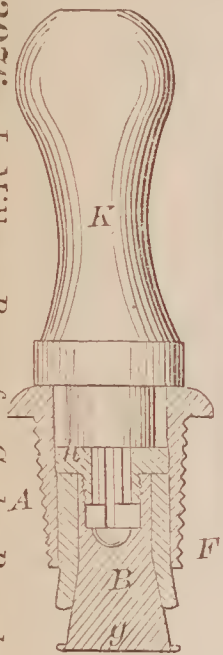
63072—J. P. McLean—*Piston Rod Packing.*



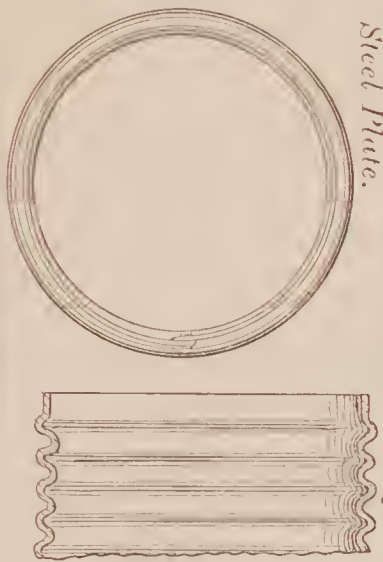
63071—J. P. McLean—*Piston Packing.*



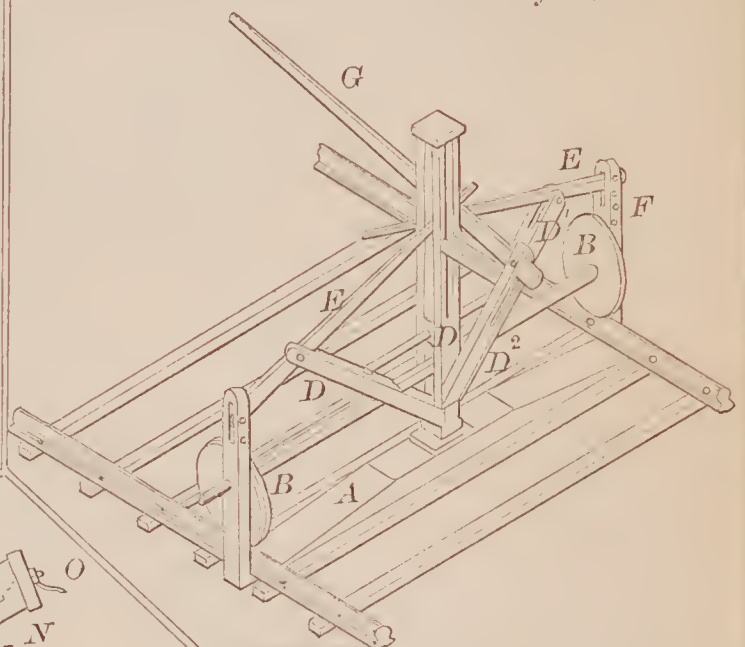
63076—J. Miller—*Bung for Casks, Barrels, &c.*



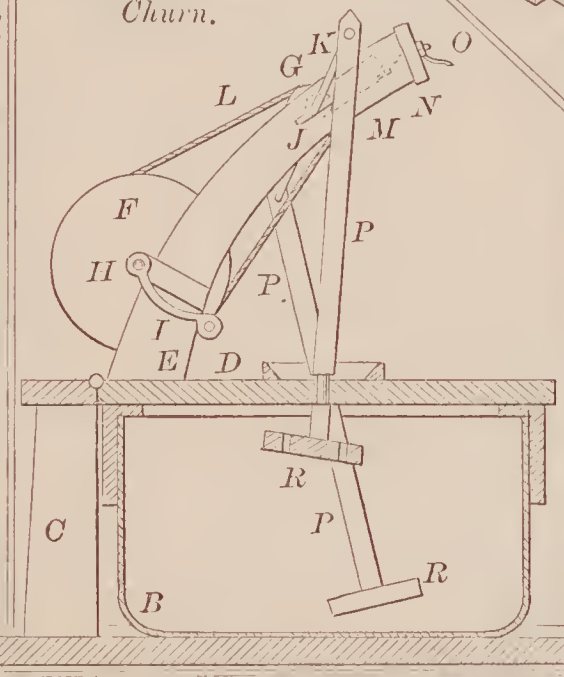
63077—R. Montgomery—*Corrugated
Steel Plate.*



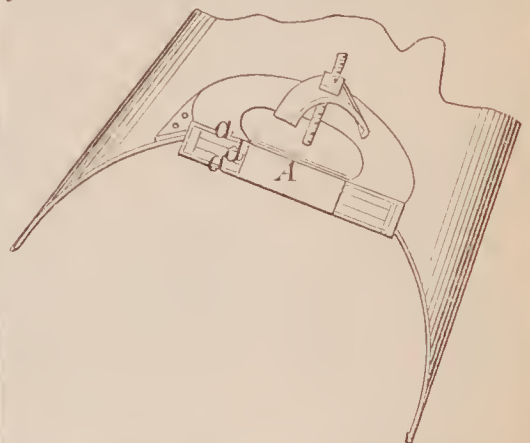
63078—J. Morton—*Track Lifter.*



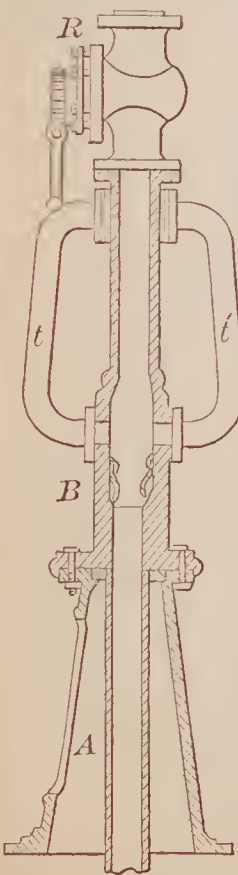
63074—J. Megown—
Churn.



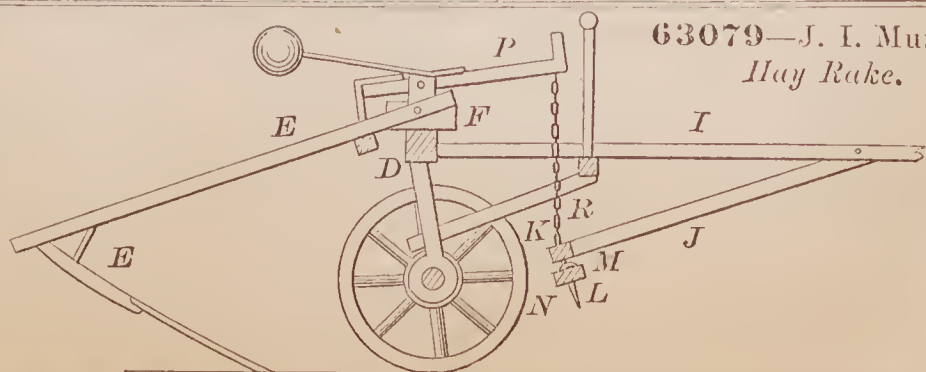
63073—J. P. McLean—*Packing
for Man Holes of Steam Generators.*



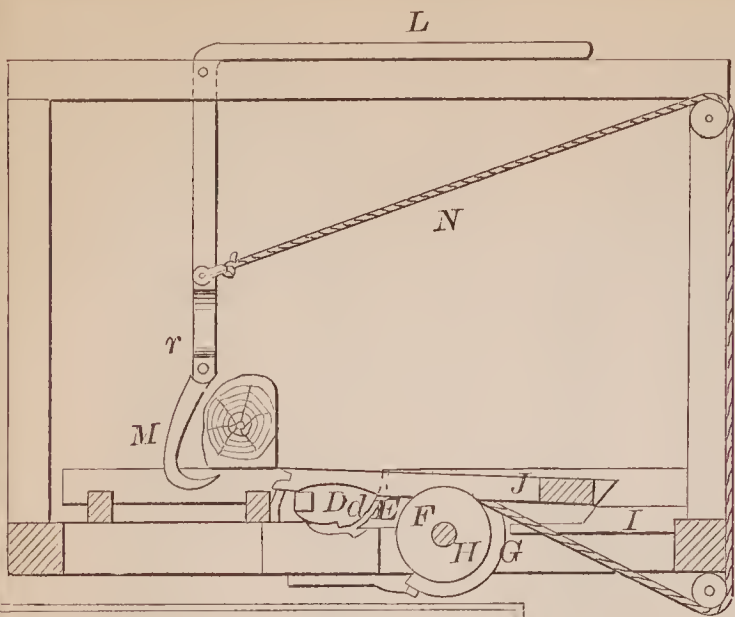
63075—Mignon & Rouart—*For Compressing Air.*



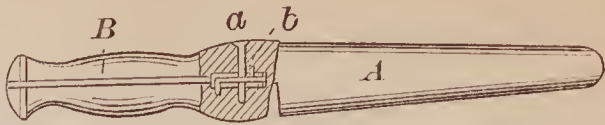
63079—J. I. Munroe—
Hay Rake.



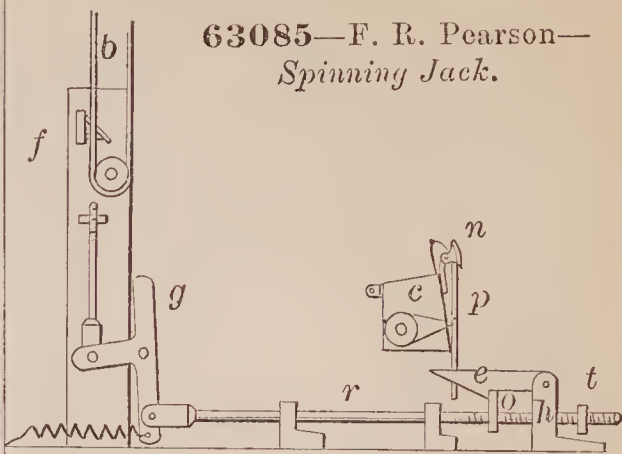
63080—I. H. Newton—Saw Mill.



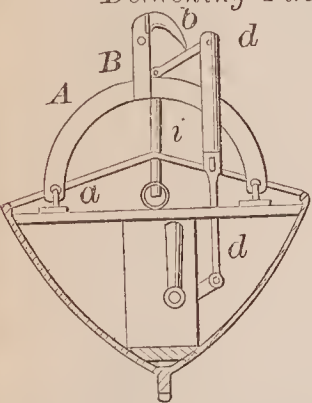
63083—B. Ott—Clothes Tongs.



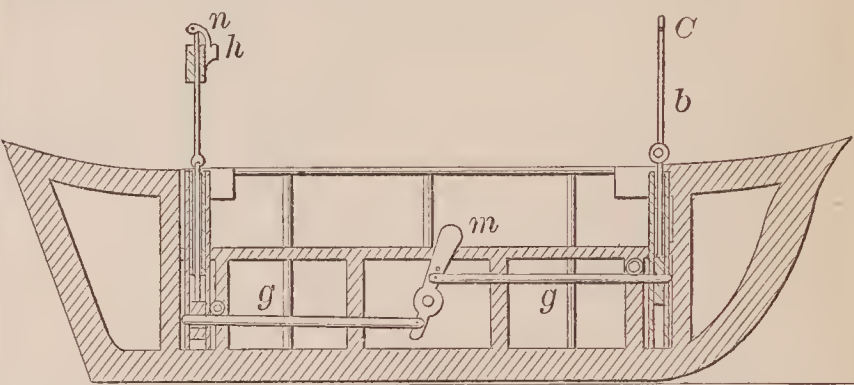
63085—F. R. Pearson—Spinning Jack.



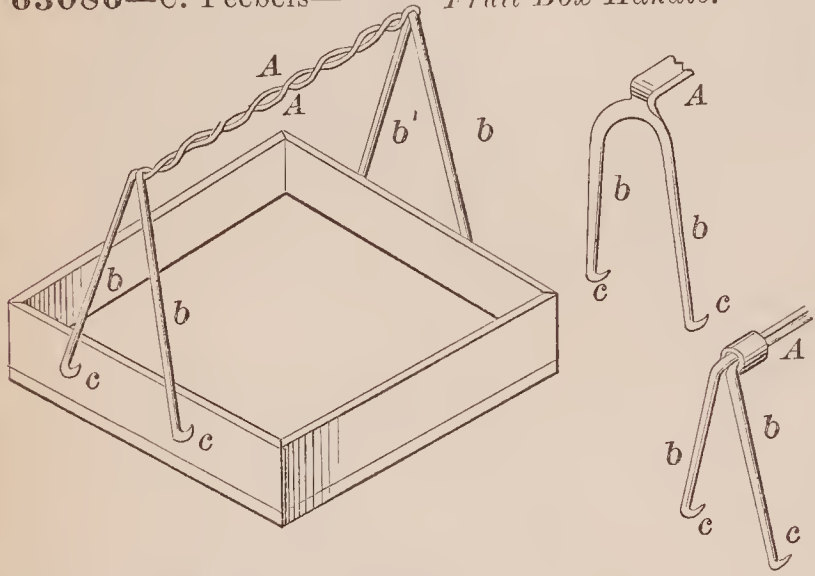
63081—M. V. Nobles—Boat Detaching Tackle.



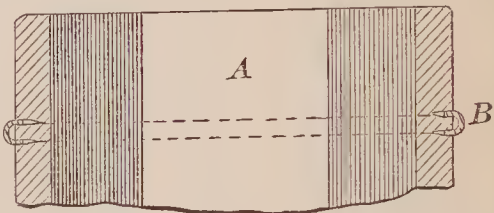
63082—M. V. Nobles—Boat Detaching Tackle.



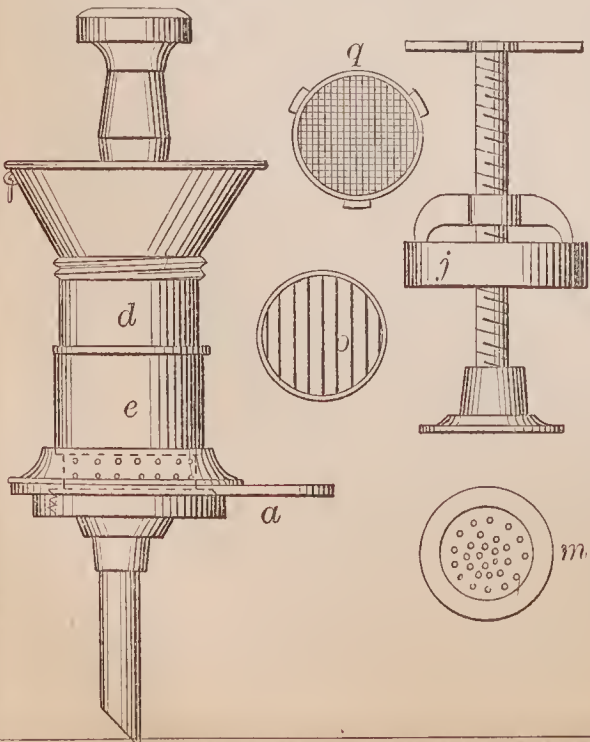
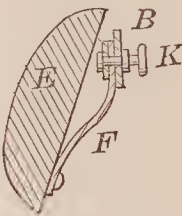
63086—C. Peebels—Fruit Box Handle.



63088—D. & E. Perry—Hooping Cask.

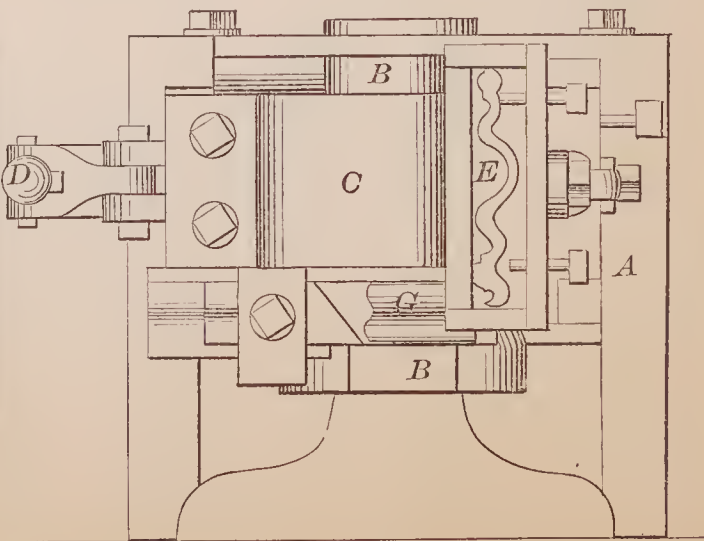


63091—W. Pomeroy—Truss.

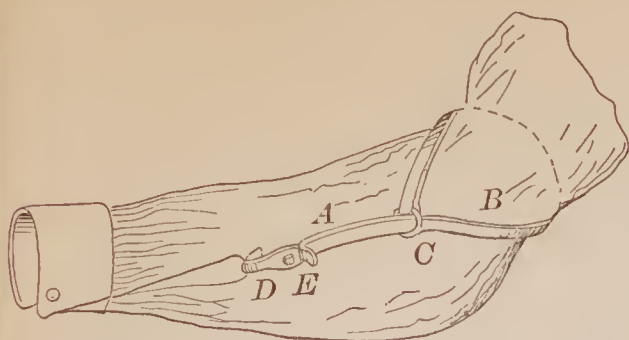


63090—J. E. Phillips—Press Strainer.

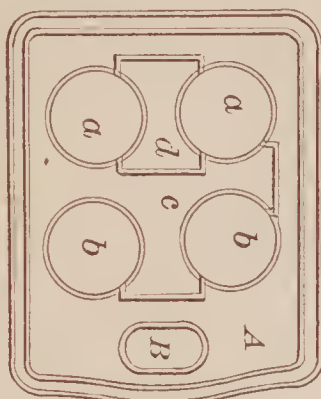
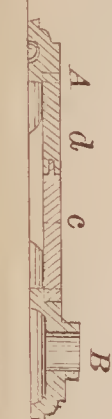
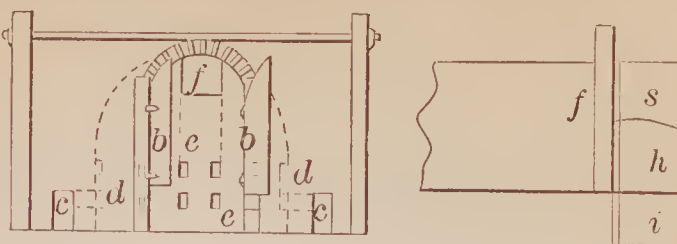
63089—J. Phillips, Jr.—Wood Turning Lathe.



63092—T. Powell—*Sleeve Supporter.*

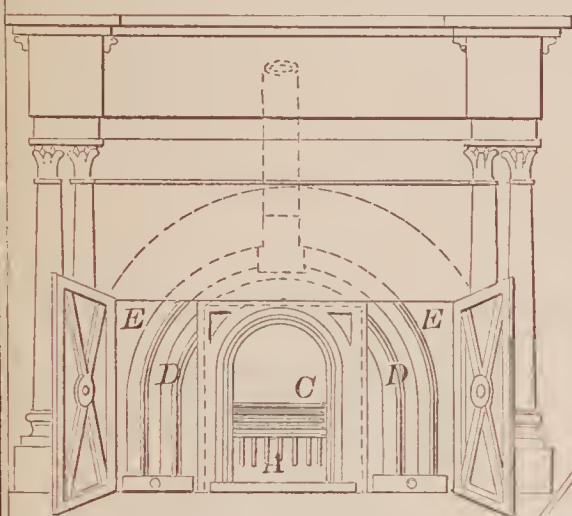


63094—J. T. Reese—*Stall for Roasting Ores.*

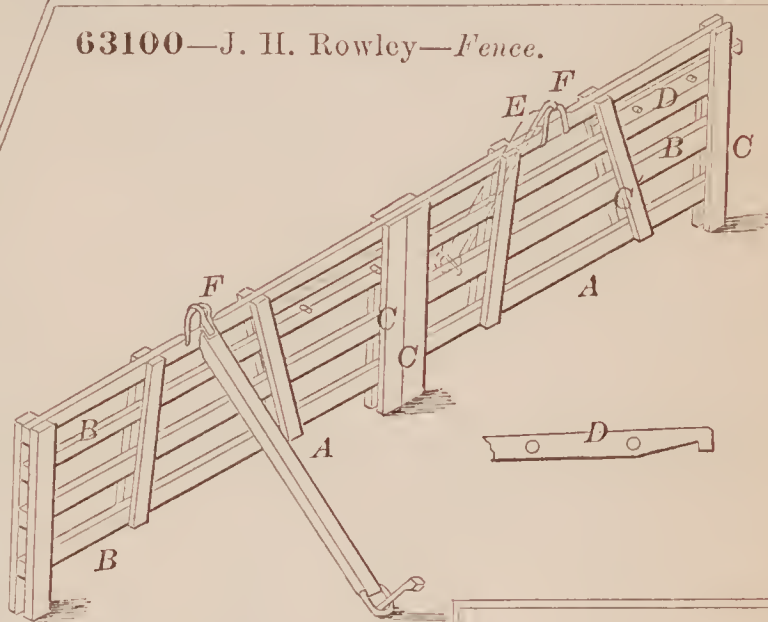


63093—S. Raymond—*Cooking Stove Cover.*

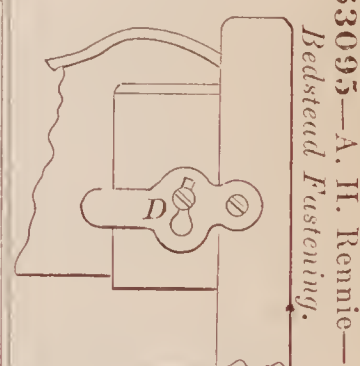
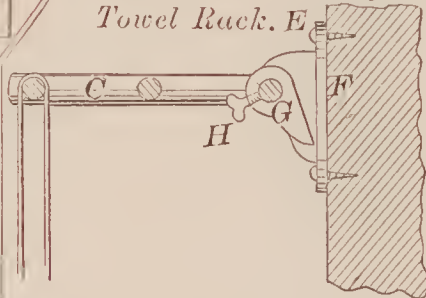
63098—I. I. Richardson—*Fireplace.*



63100—J. H. Rowley—*Fence.*

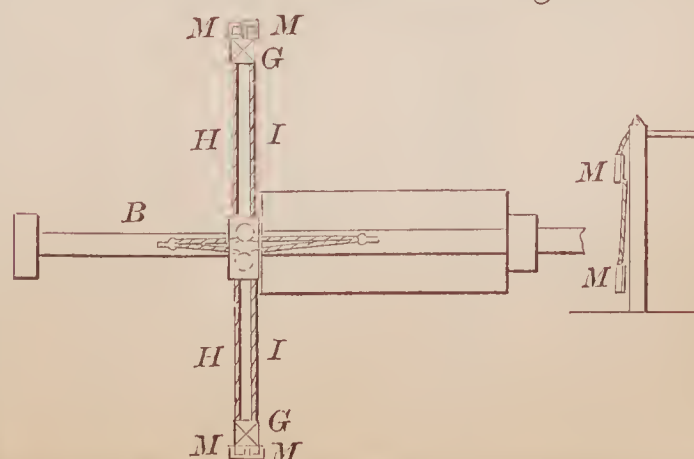
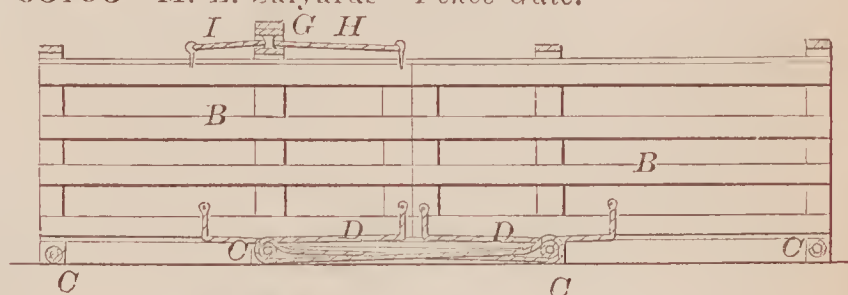


63101—C. W. Royse—*Towel Rack.*

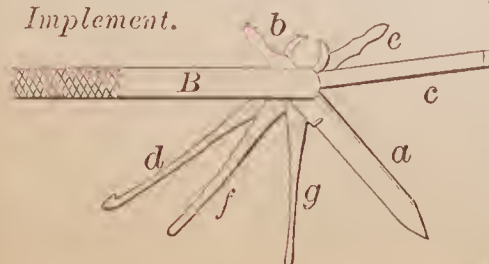


63095—A. H. Rennie—*Bedstead Fastening.*

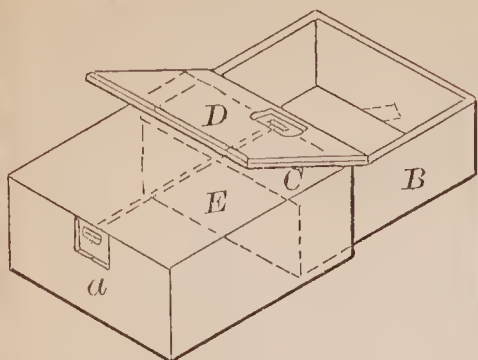
63103—M. L. Salyards—*Fence Gate.*



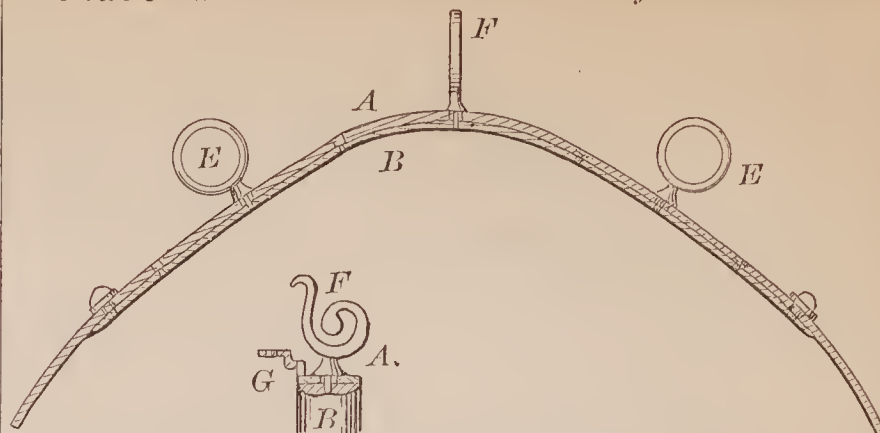
63102—J. A. Russ—*Pocket Implement.*



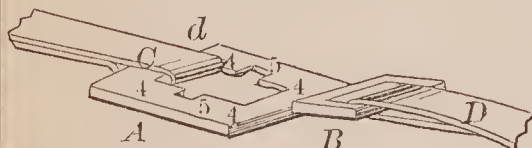
63104—L. Schoerken—*Match Box.*



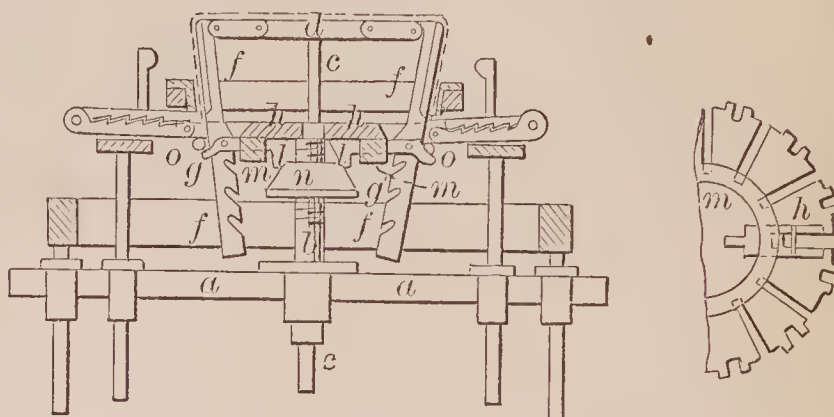
63108—Shaw & Dawson—*Pad Plate for Harness.*



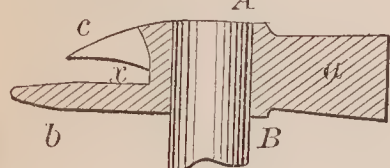
63105—D. M. Seehler—*Cotton Bale Tie.*



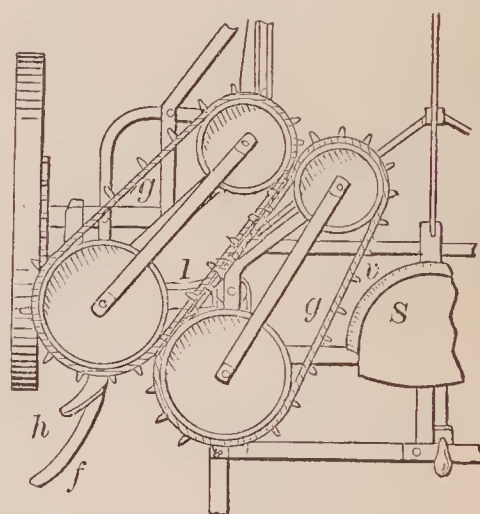
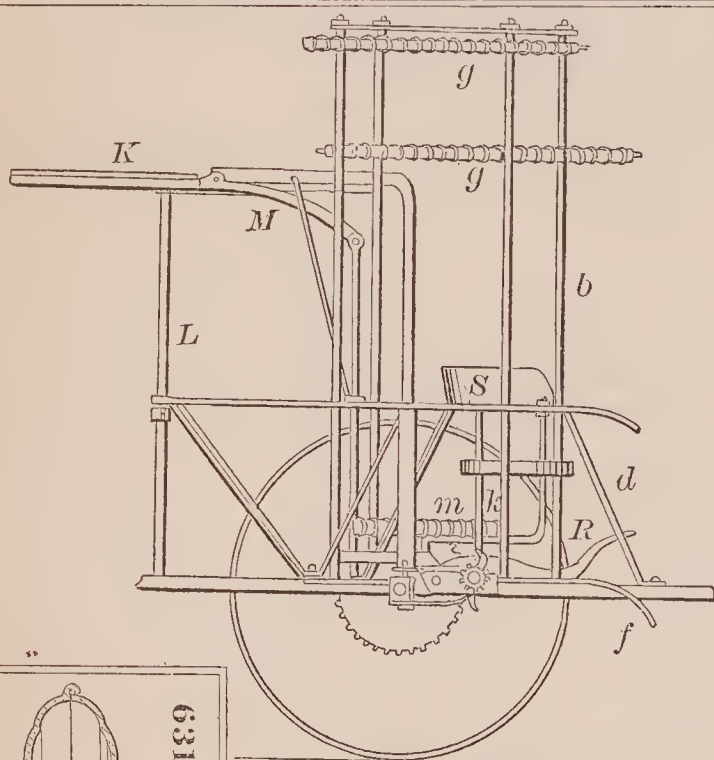
63109—J. Sheldon—*Hat Blocking Machine.*



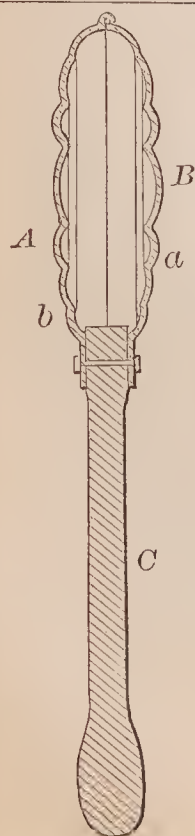
63106—G. Selsor—*Nail Hammer.*



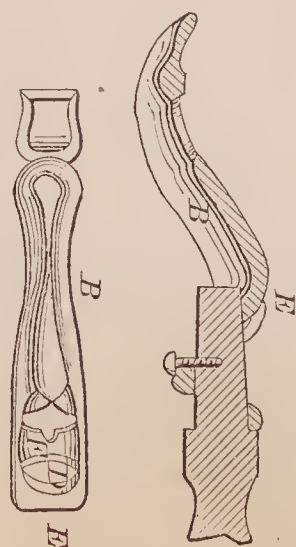
63111—J. Shobe—*Corn Harvester.*



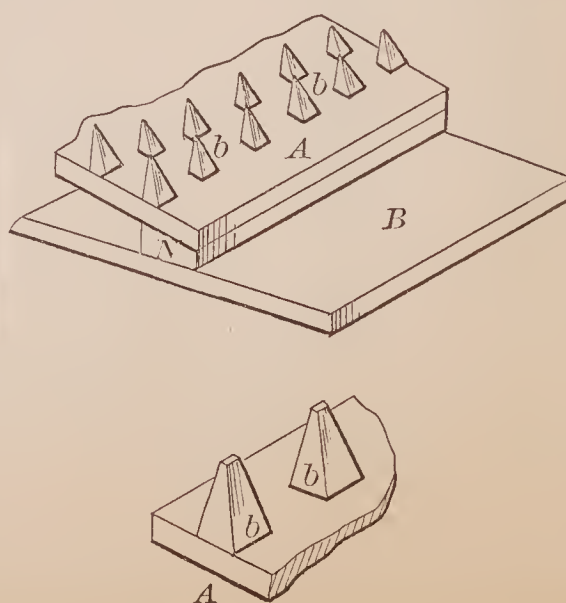
63107—I. W. Shaler—*Clothes Sprinkler.*



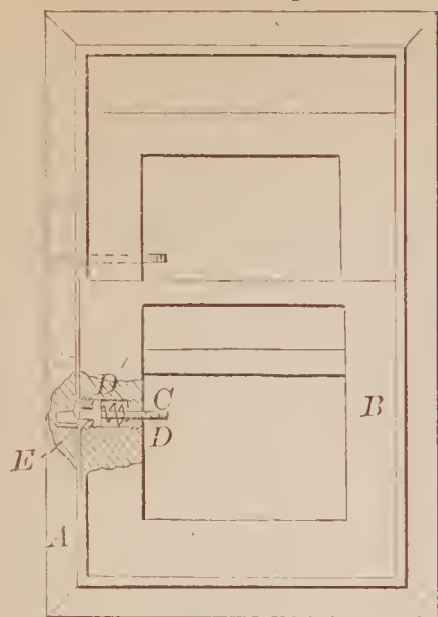
63110—A. Shepard—*Stove Cover Lifter.*



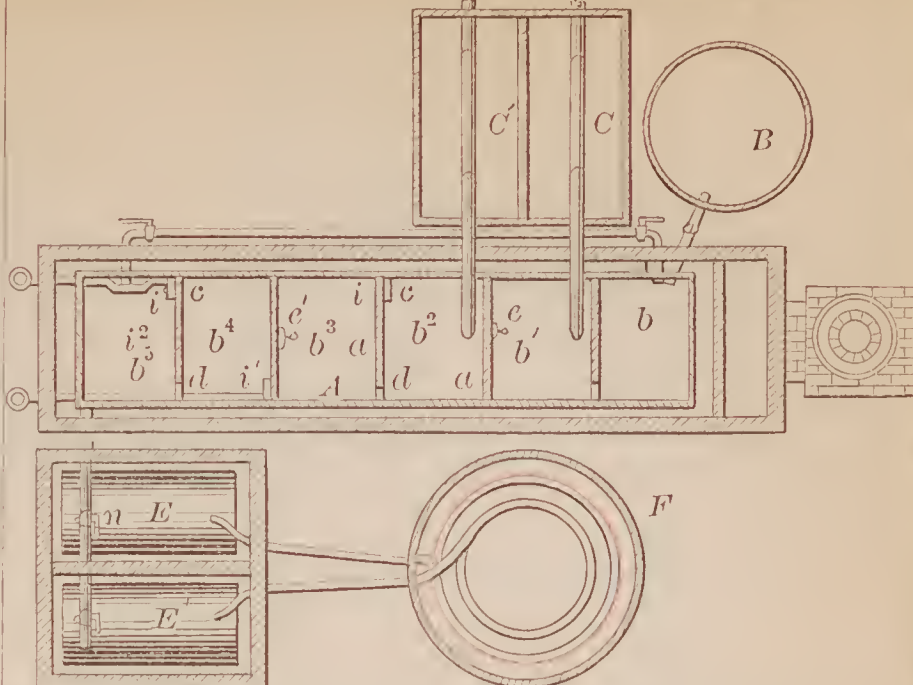
63112—I. B. Siddle—*Corn Sheller.*



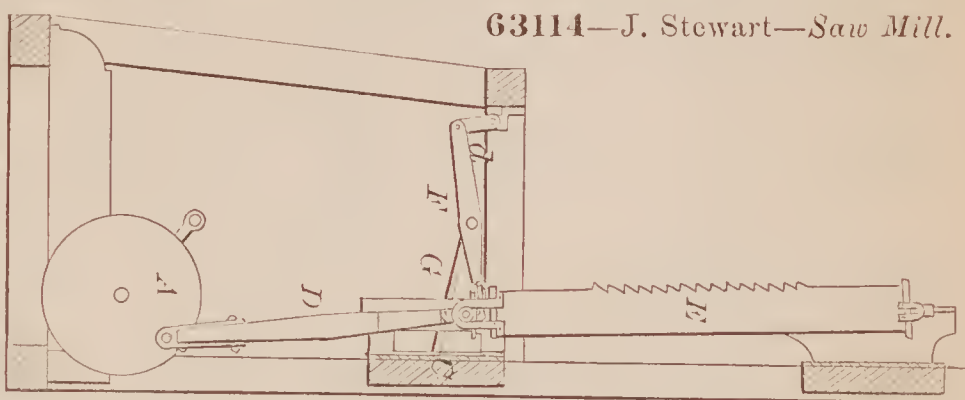
63113—J. D. Smith—*Window Fastening.*



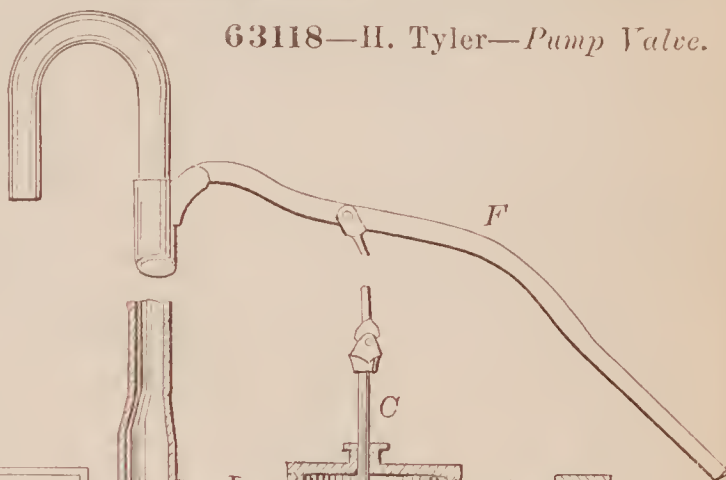
63115—Tait & Avis—*For Distilling Petroleum, &c.*



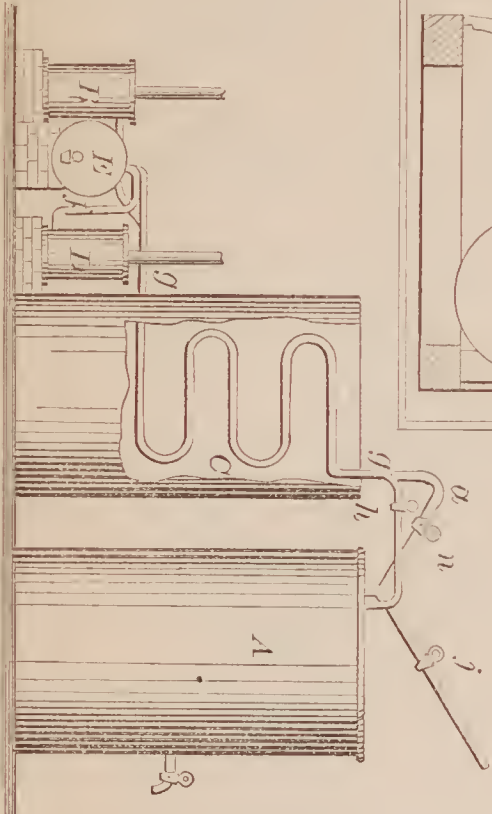
63114—J. Stewart—*Saw Mill.*



63118—H. Tyler—*Pump Valve.*



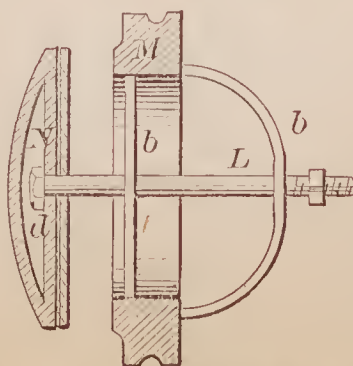
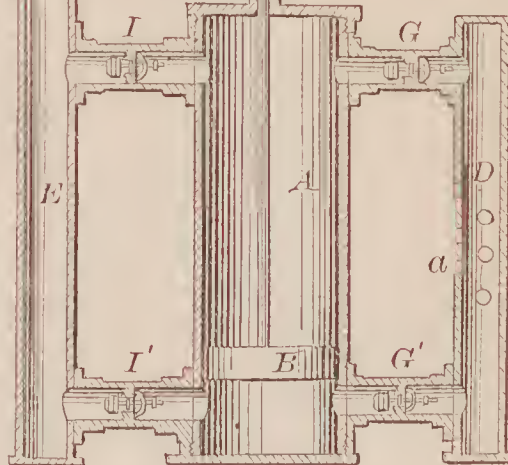
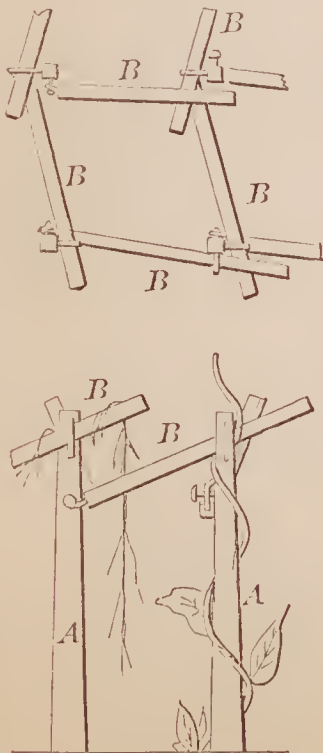
63116—Tait & Avis—*Fermentation of Saccharine Liquids.*

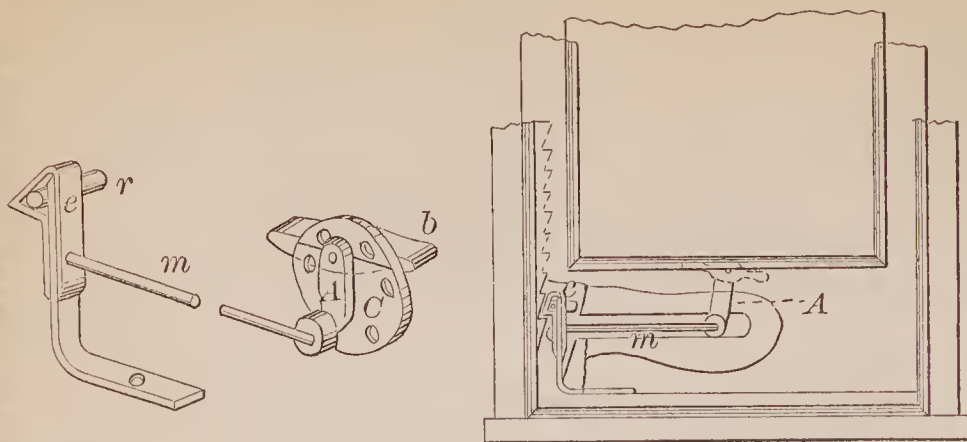
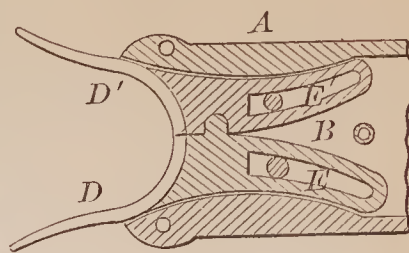
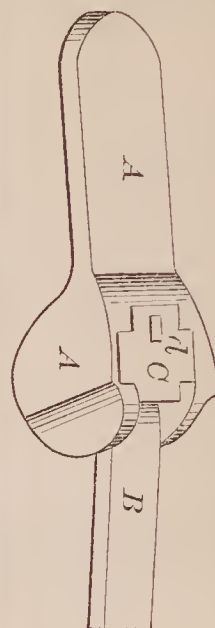
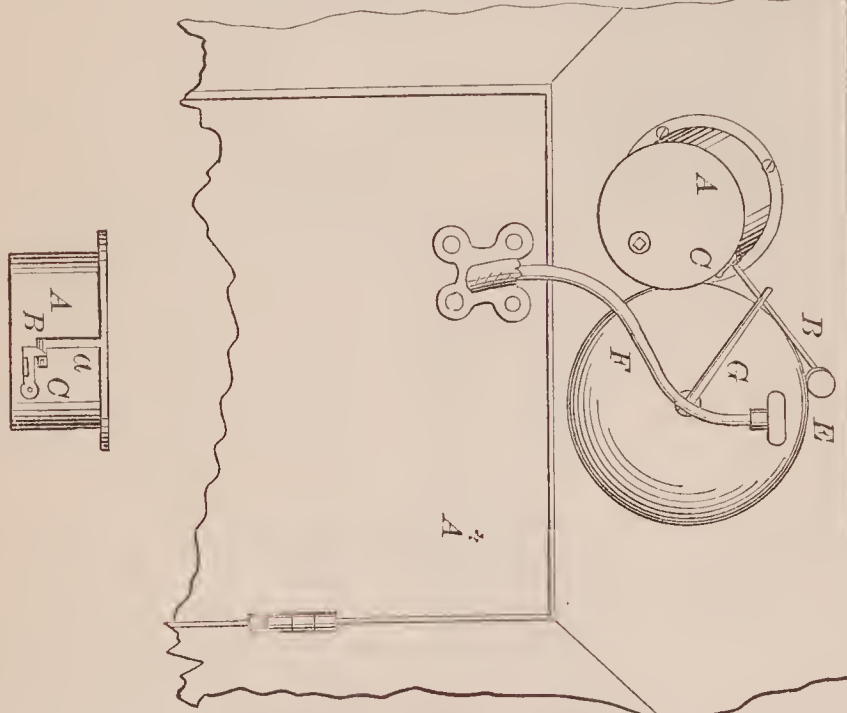
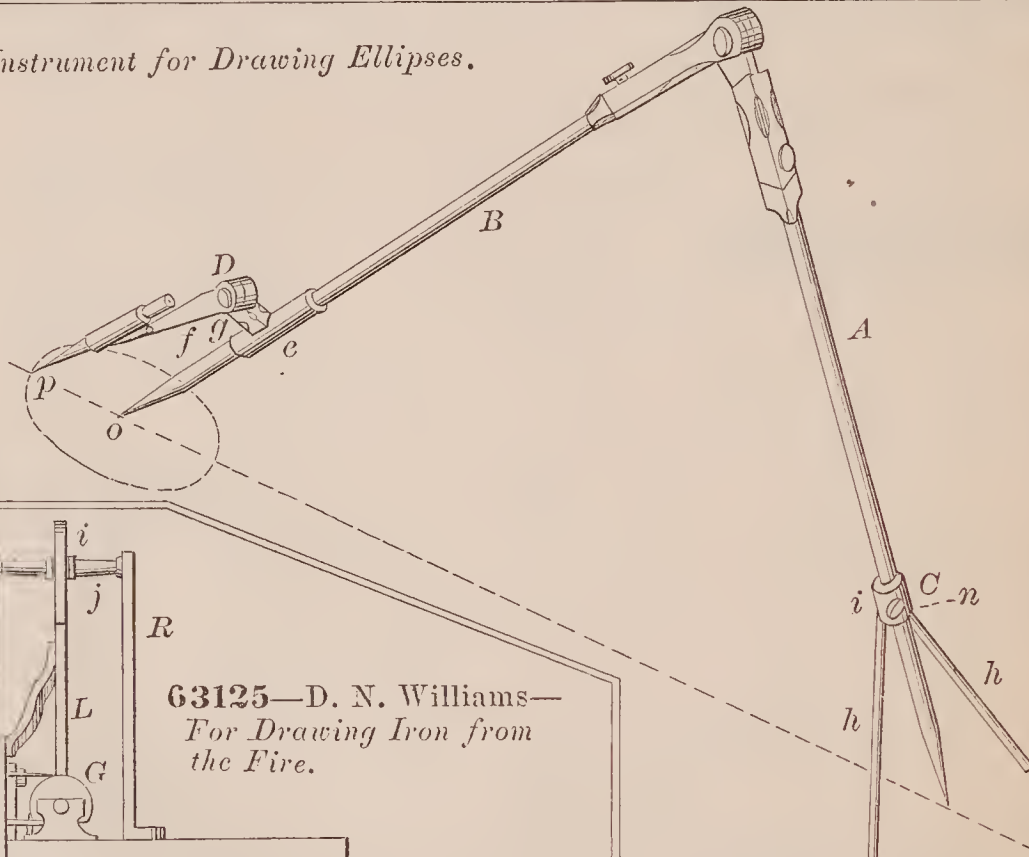
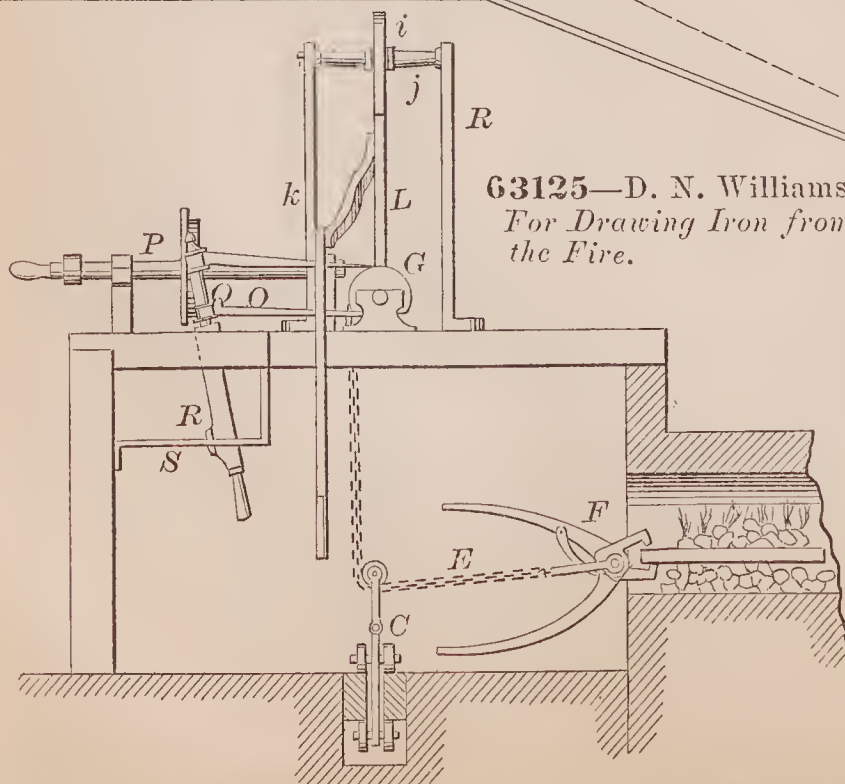
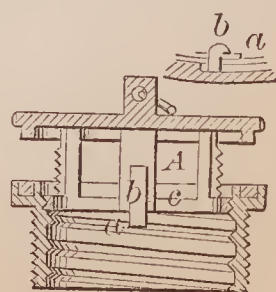


63117—J. Thomas—*Braiding Attachment for Sewing Machines.*

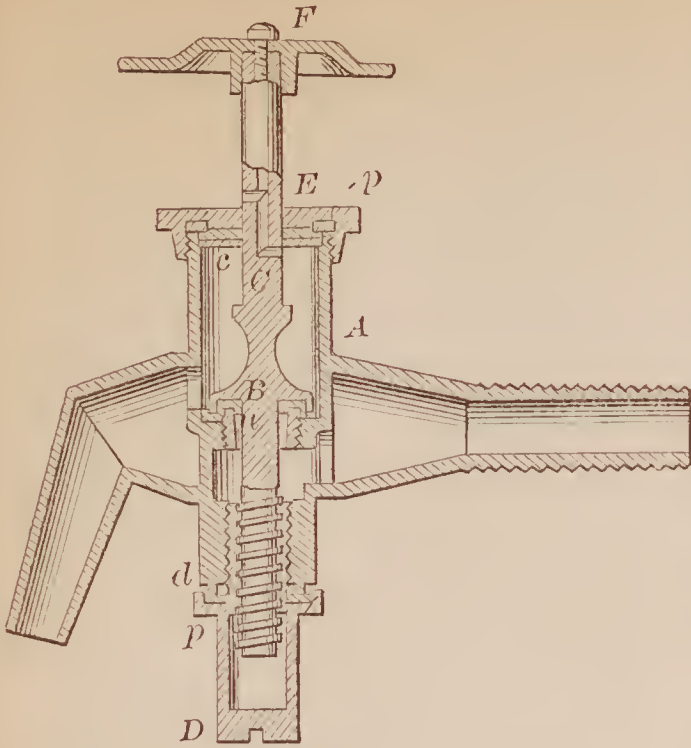


63119—J. B. V. Dewerker—*Hop Frame.*

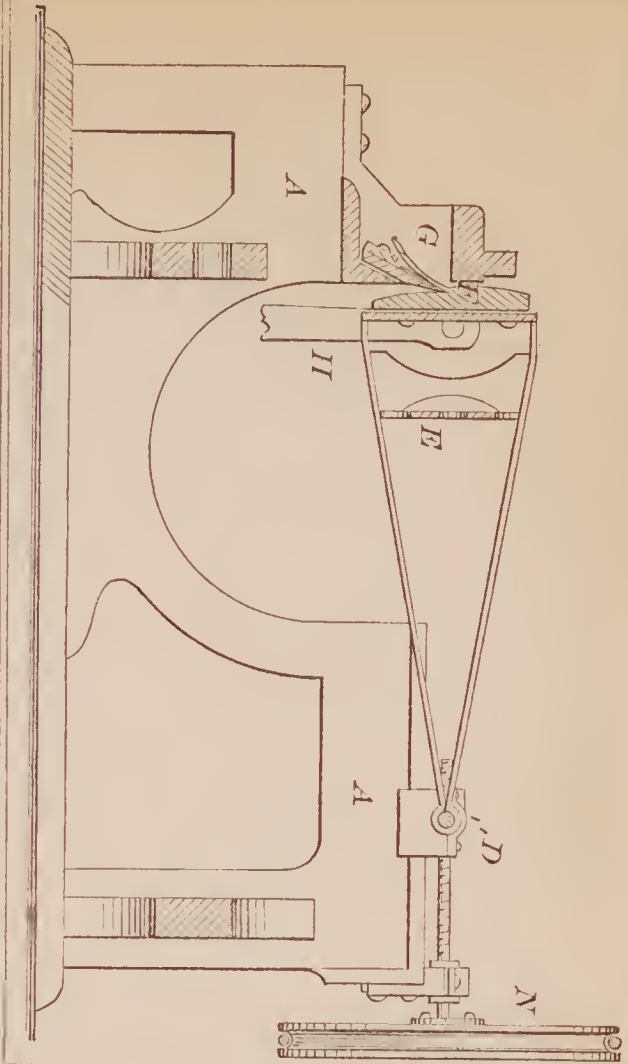


63120—R. Vose—*Sash Supporter.*63121—J. Walker—*Bootjack.*63122—Wallis, Mattoon & Tutler—*Attaching Thrills to Wagons.*63124—C. Waterman—*Burglar Alarm.*63123—A. Warr—*Instrument for Drawing Ellipses.*63125—D. N. Williams—*For Drawing Iron from the Fire.*63126—J. Wilcox—*Valve.*

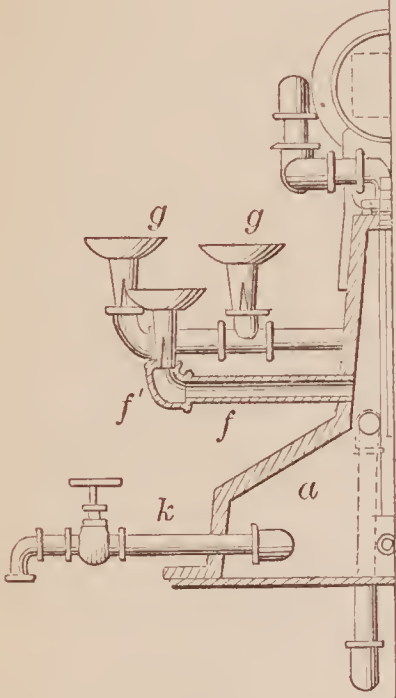
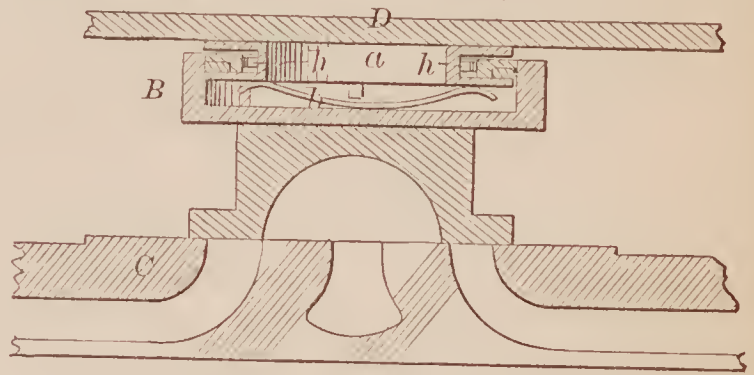
63127—J. Wilcox—*Faucet.*



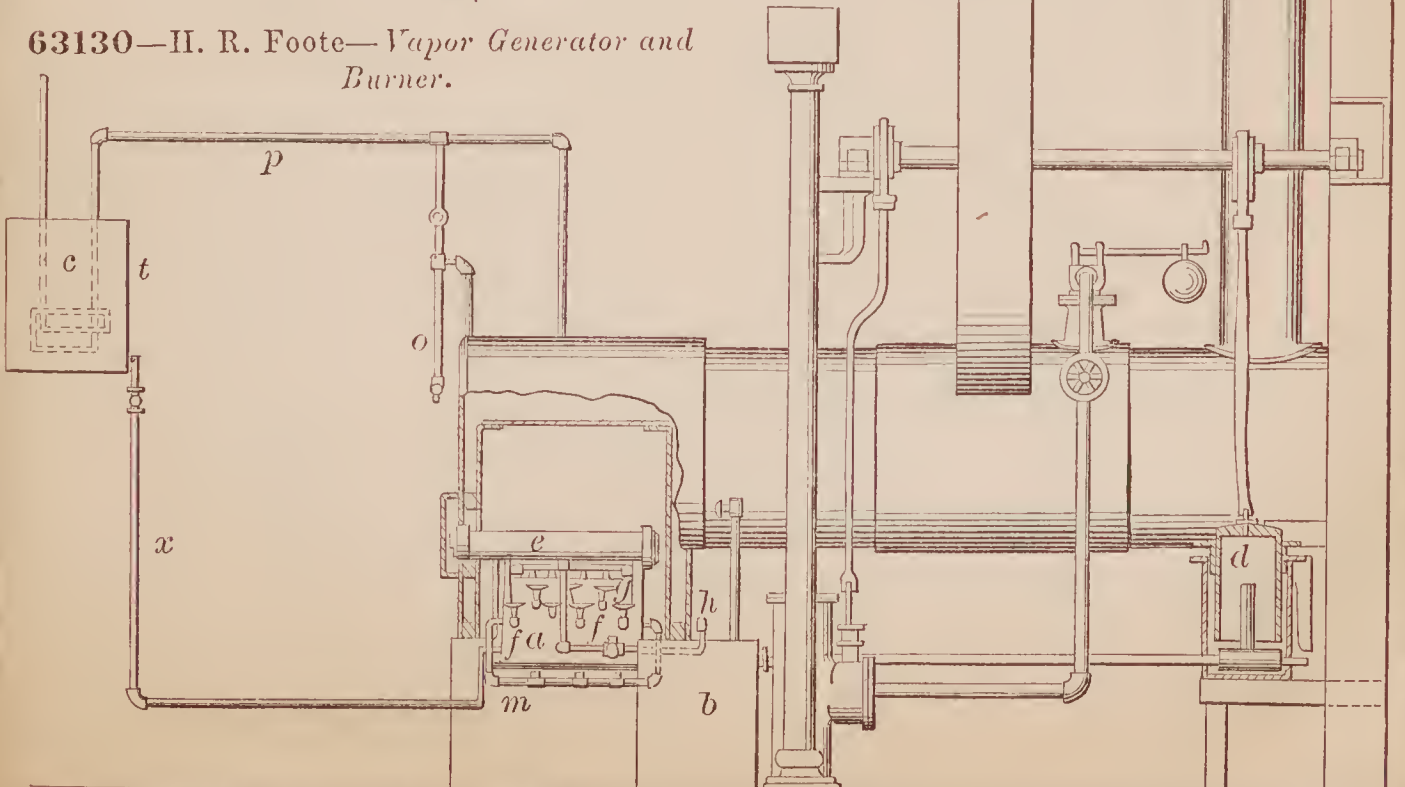
63128—J. B. Wilson—*Veneer Cutter.*

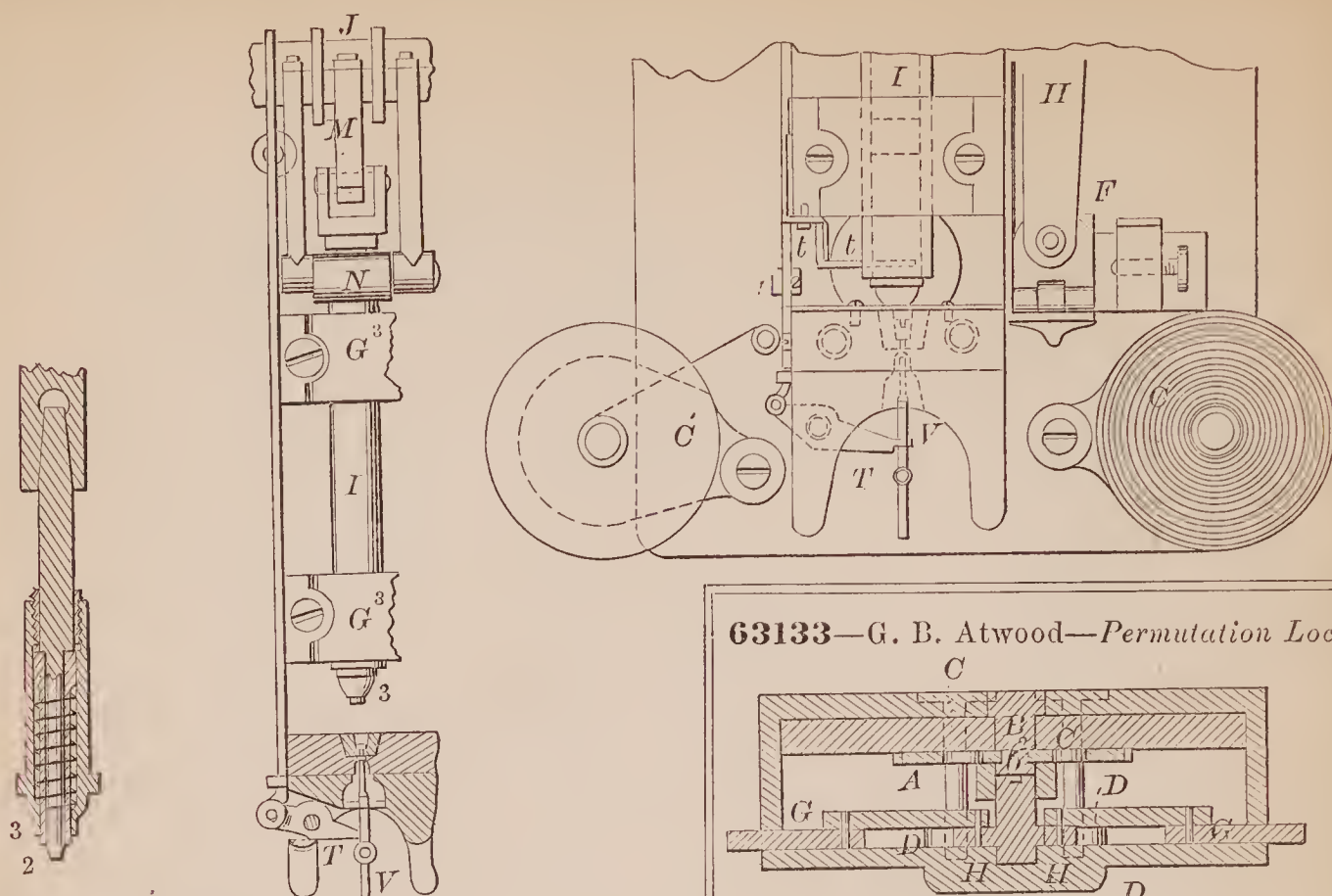
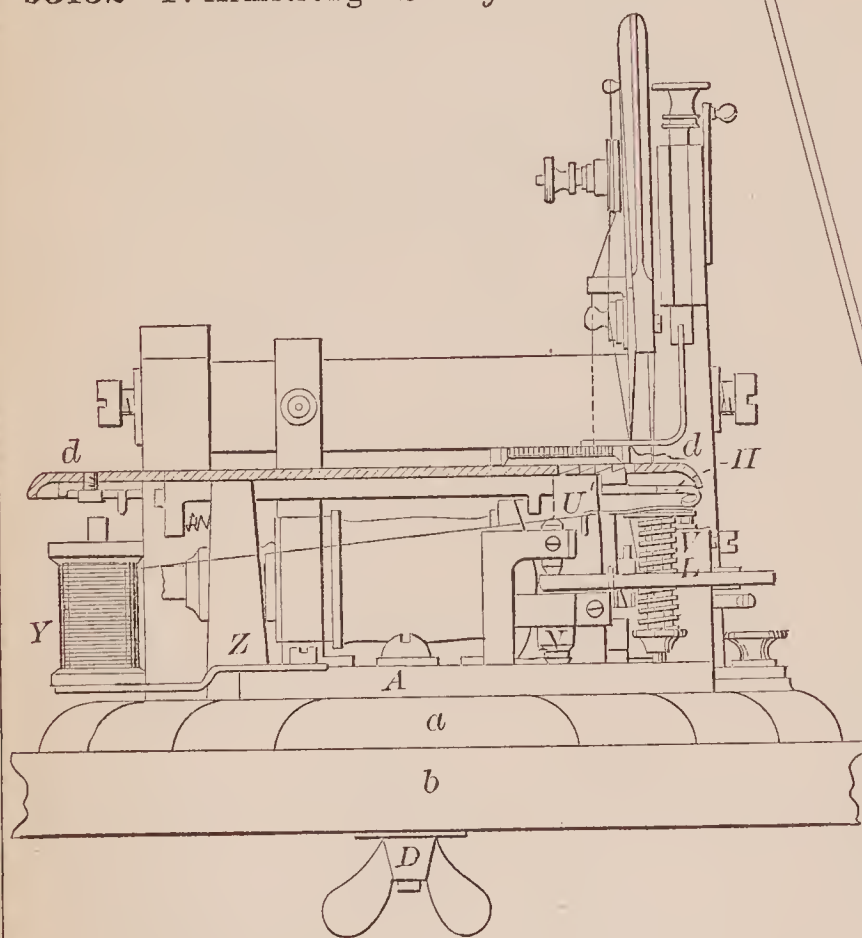
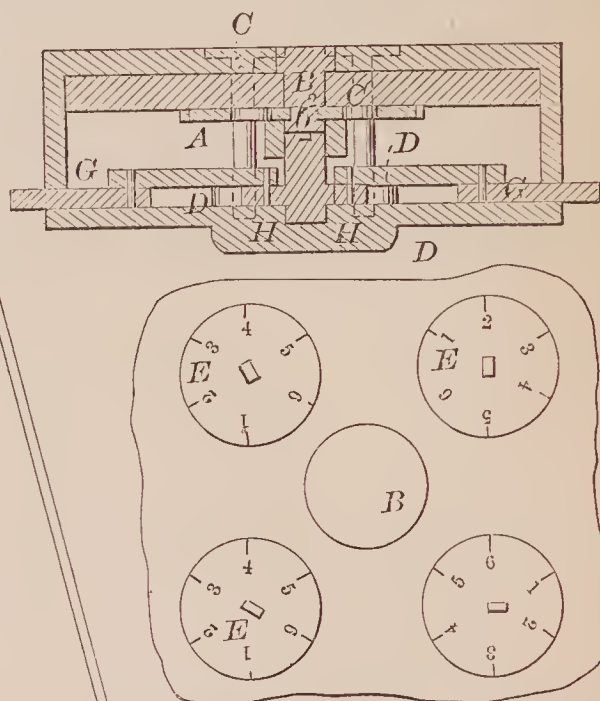
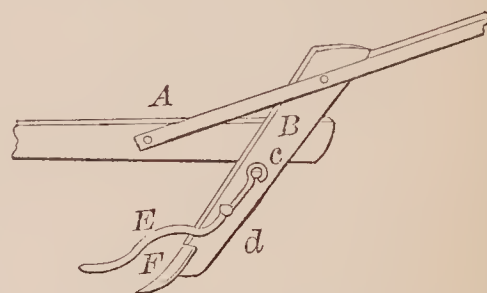
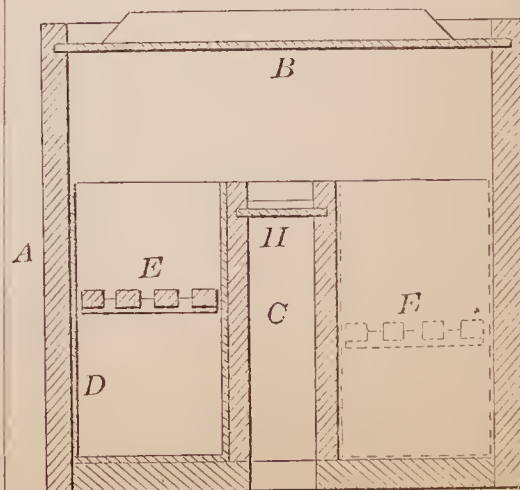


63129—P. Wineman—*Steam Engine Slide Valve.*

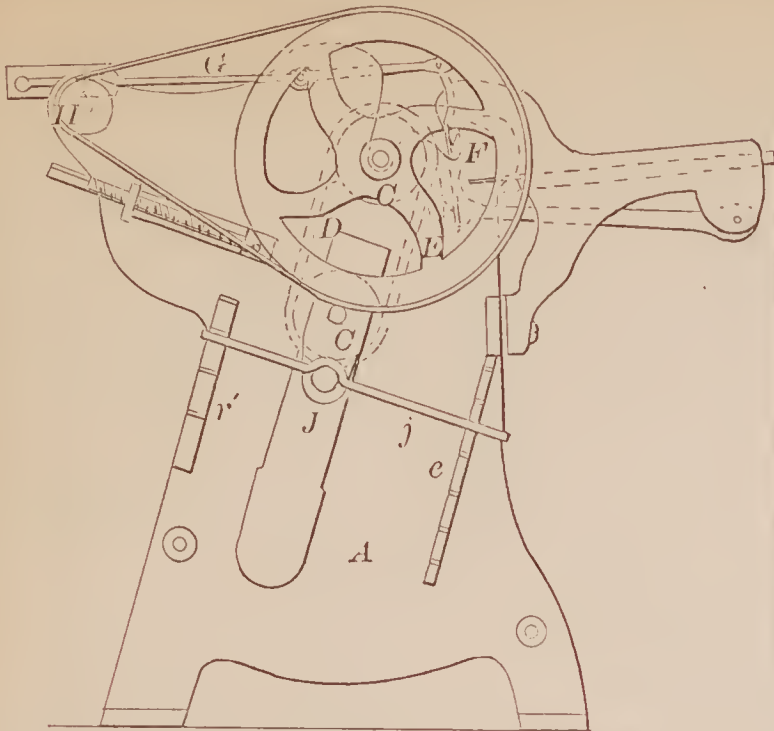


63130—H. R. Foote—*Vapor Generator and Burner.*

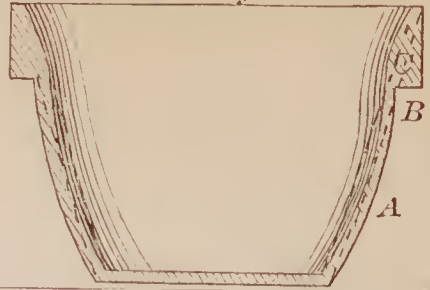


63131—S. W. Adams—*Eyelet Machine.*63132—F. Armstrong—*Sewing Machine.*63133—G. B. Atwood—*Permutation Lock.*63134—W. J. M. Batchelder—*Shovel Plow Guard.*63135—J. M. Beebe—*Bee Feeder.*

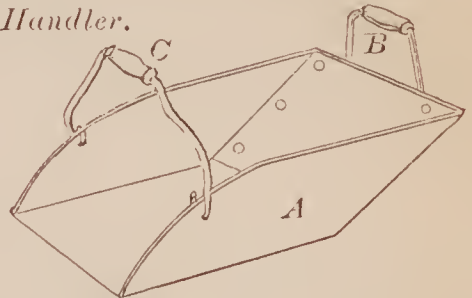
63136—Brackett & Dearborn—Cotton Gin.



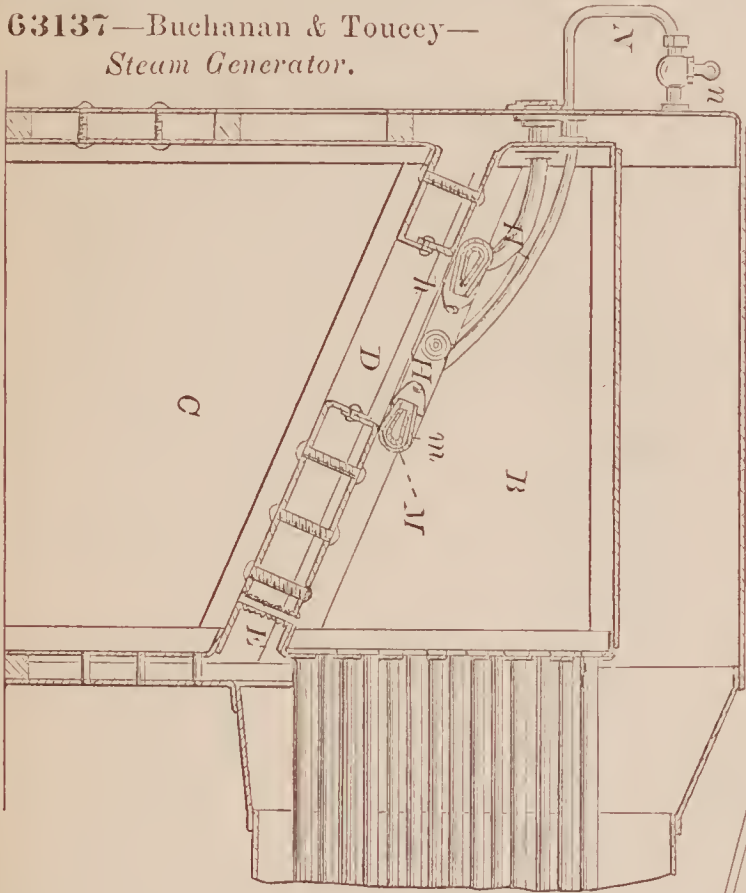
63138—E. T. Chapman—Stone Ware Manufacture.



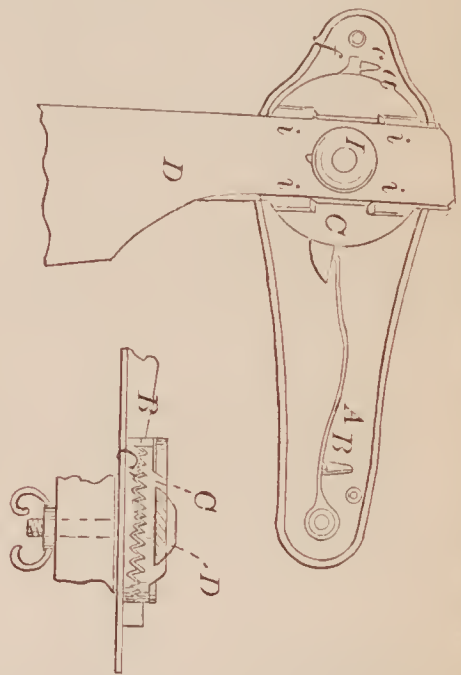
63139—F. Clark—Grain Shovel Handler.



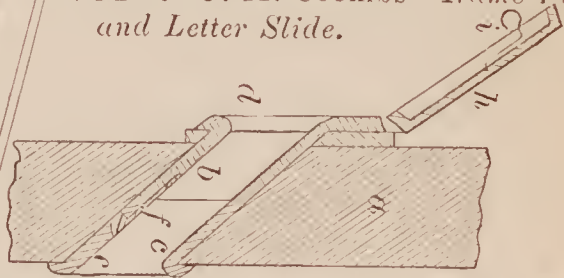
63137—Buchanan & Toucey—Steam Generator.



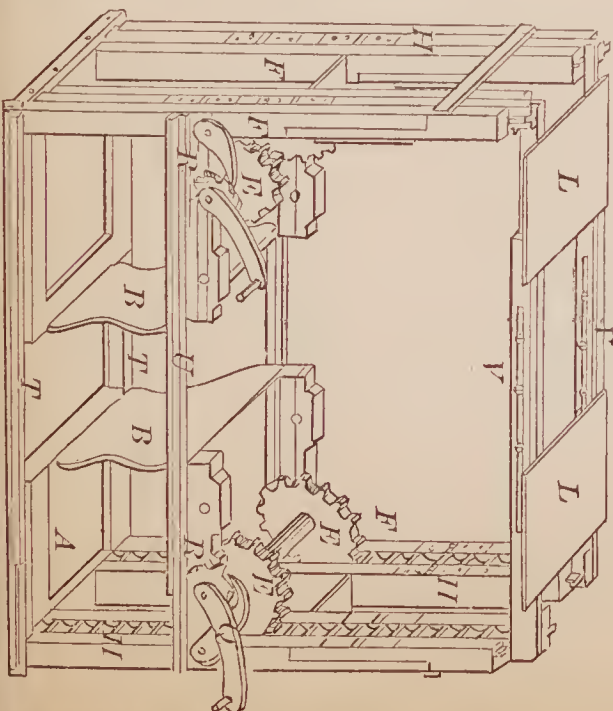
63140—R. Cook—Tender for Corn Plates.



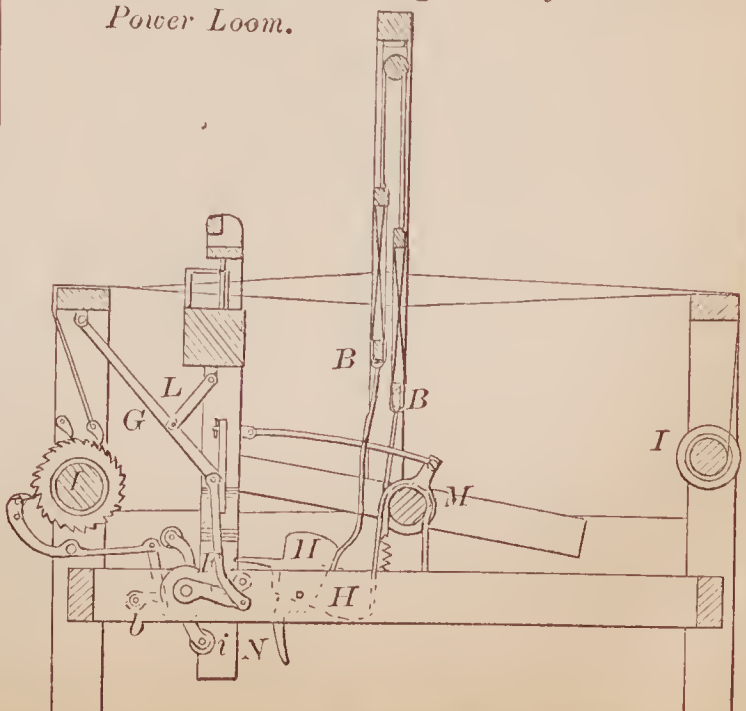
63141—J. M. Coombs—Name Plate and Letter Slide.



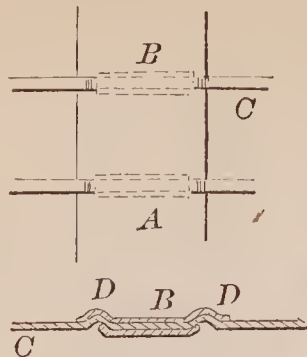
63142—C. Crow—Scaffold.



63143—Deen, Bolding & Perry—Hand Power Loom.

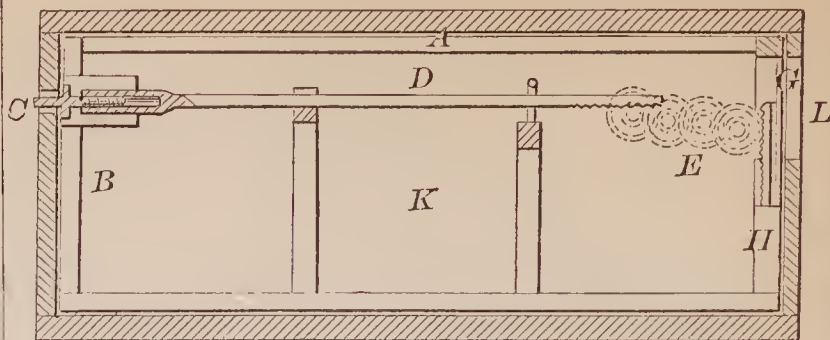


63144—T. B. De Forest—
Hoop for Skirts.

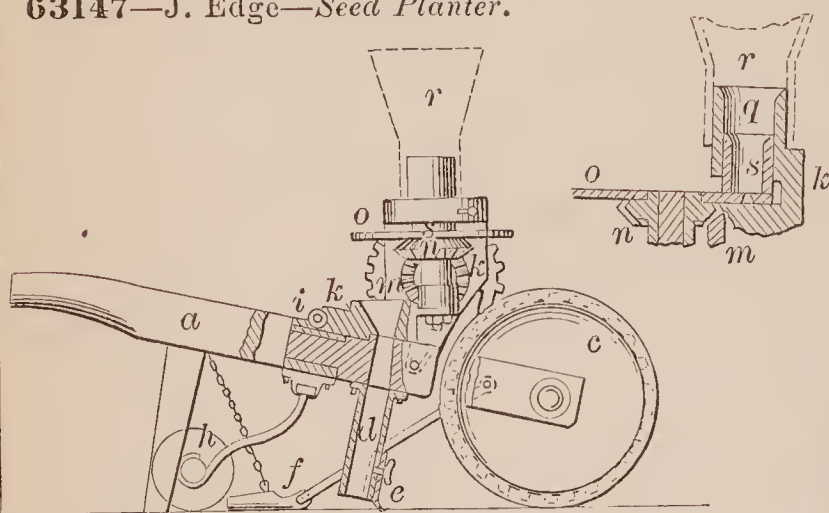


63145—T. B. De Forest—
Hoop Skirt.

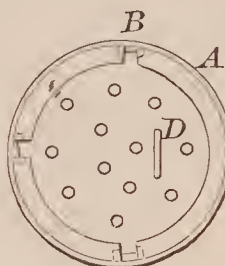
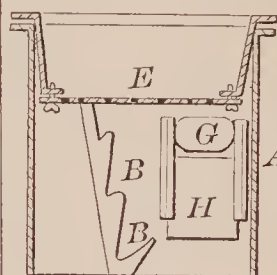
63146—P. Degive—For Hatching Eggs.



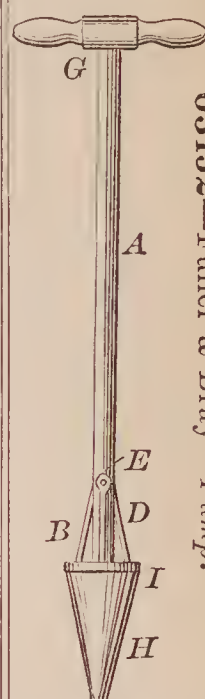
63147—J. Edge—Seed Planter.



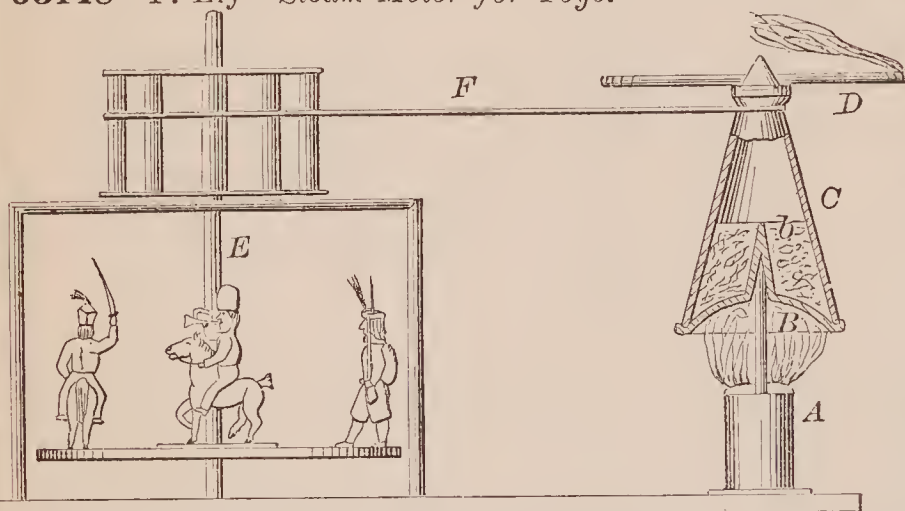
63150—M. P. Farnham—Stove Grate.



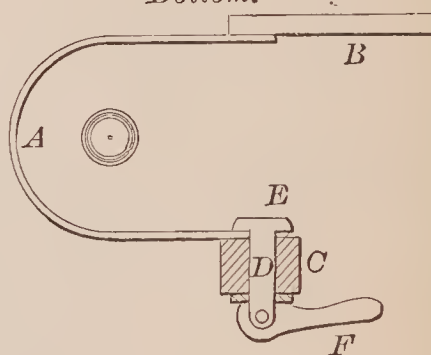
63152—Fuller & Bray—Pump.



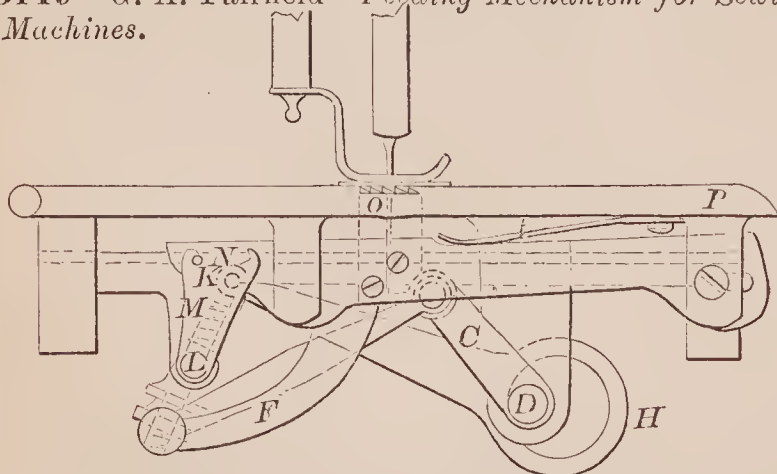
63148—P. Ely—Steam Motor for Toys.



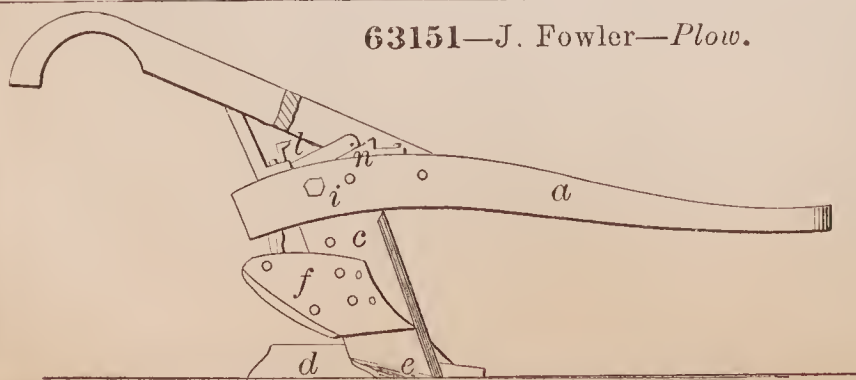
63153—G. L. Gerard—Bed
Bottom.



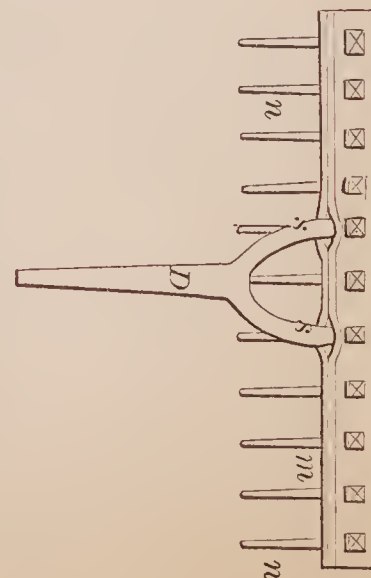
63149—G. A. Fairfield—Feeding Mechanism for Sewing
Machines.



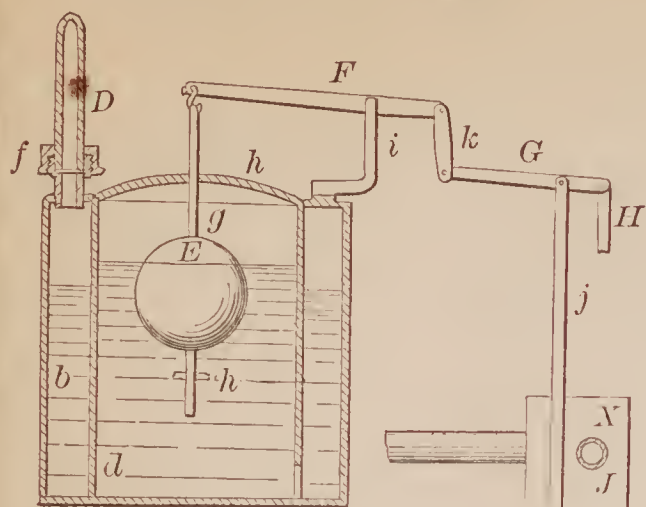
63151—J. Fowler—Plow.



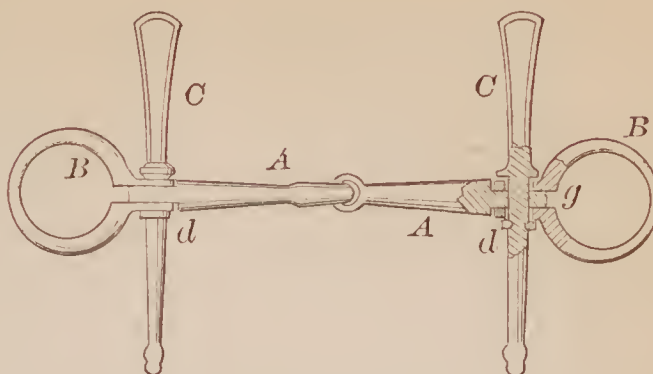
63154—B. F. Gladding—Rake.



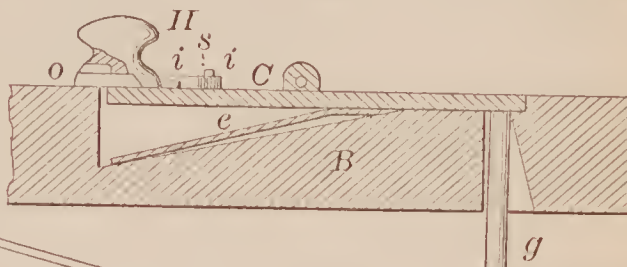
63155—J. A. Harris—*For Regulating the Exhauster in Gas Works.*



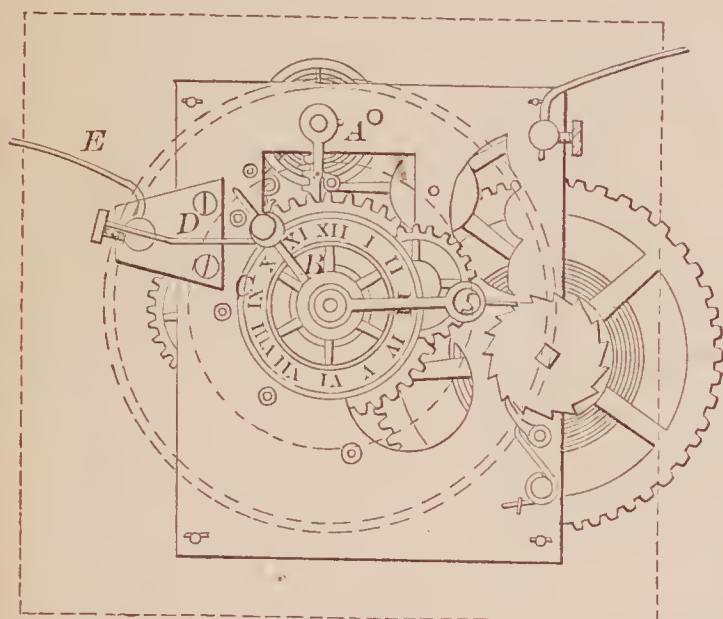
63156—W. B. Hayden—*Bridle Bit.*



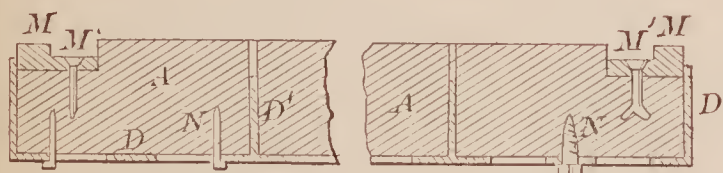
63157—G. F. Hedrich—*Sash Fastener.*



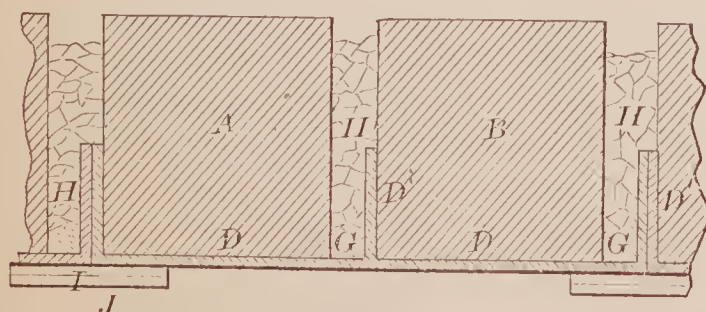
63158—E. Holmes—*Electric Circuit Breaking Clock.*



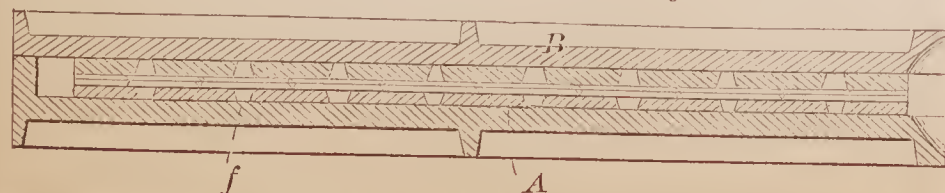
63161—B. B. Hotchkiss—*Railway Truck.*



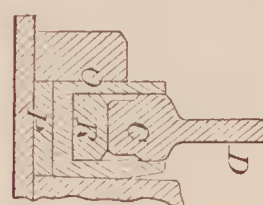
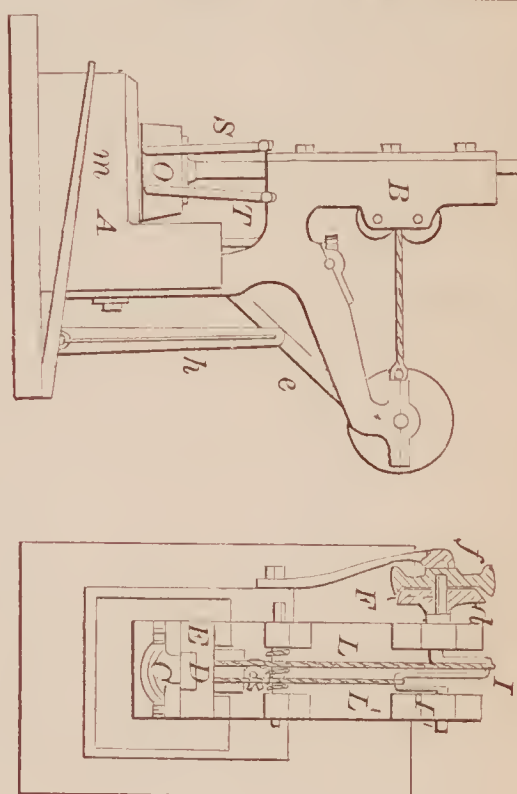
63162—B. B. Hotchkiss—*Pavement.*



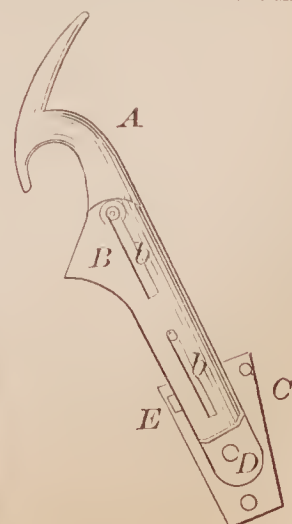
63159—J. Holt—*Die for Figures in Press-dyed Fabrics.*

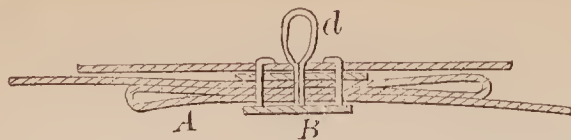
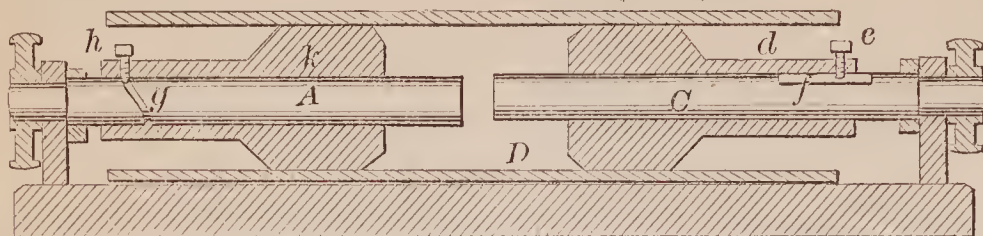
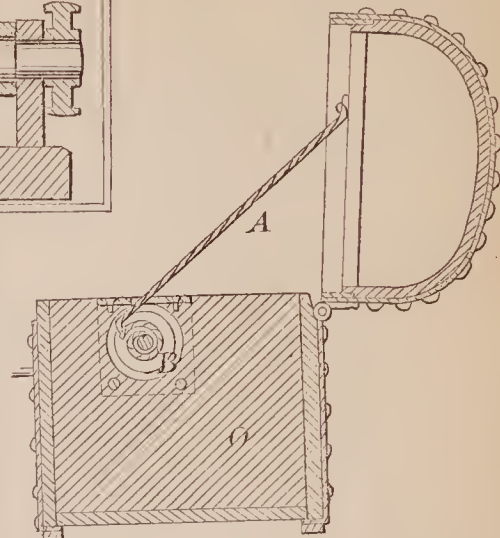
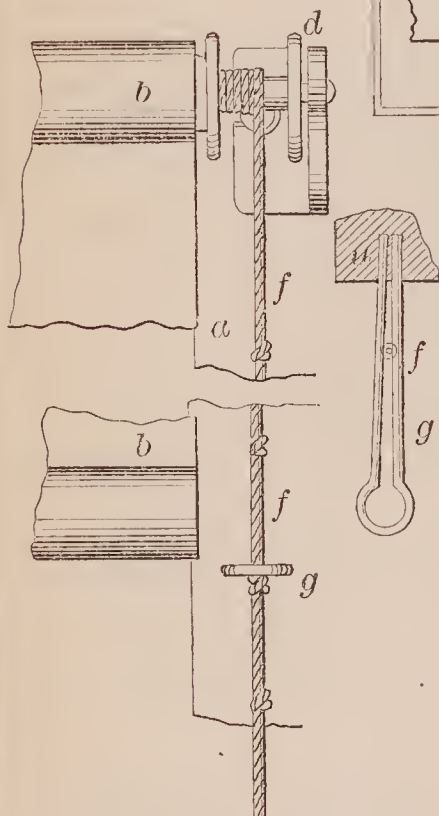
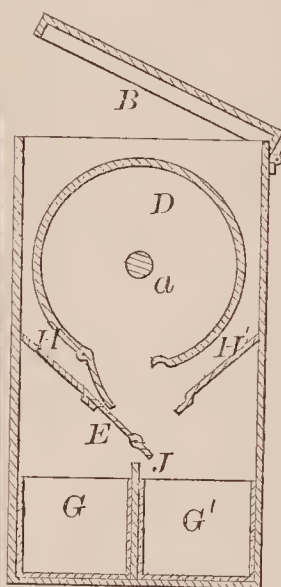
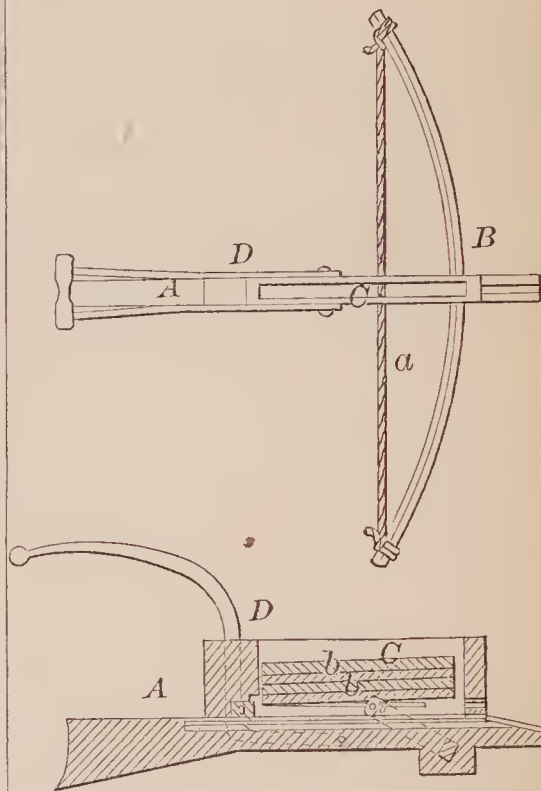
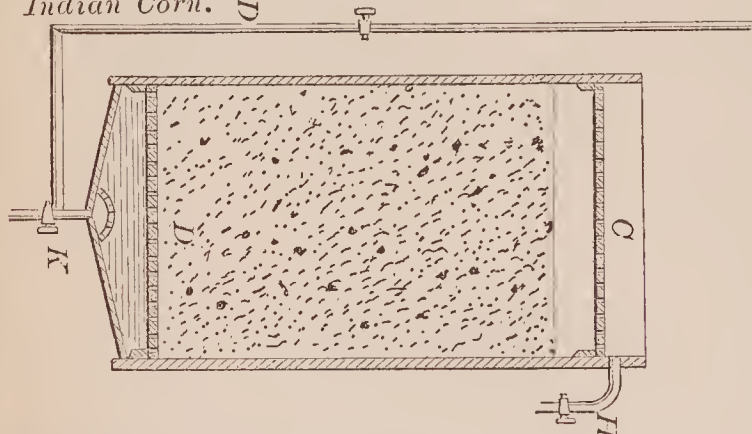
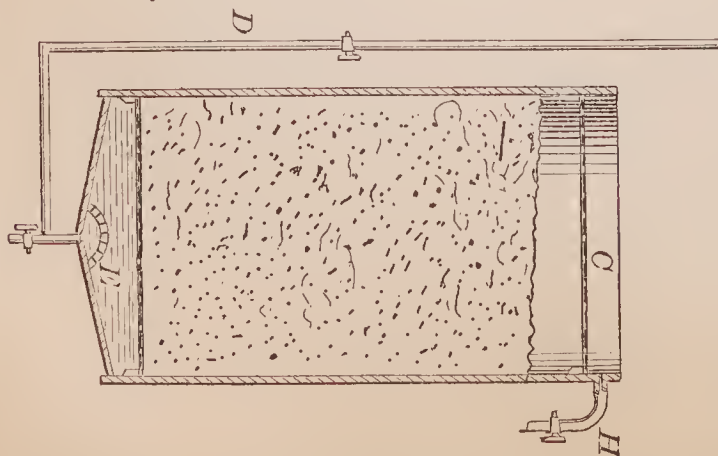
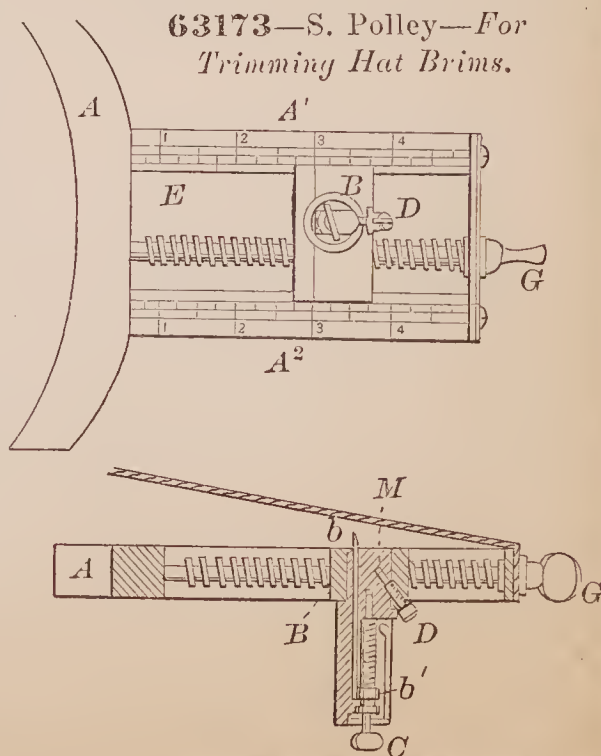


63160—Hotchkiss & Goodsell—*Ore Crusher.*

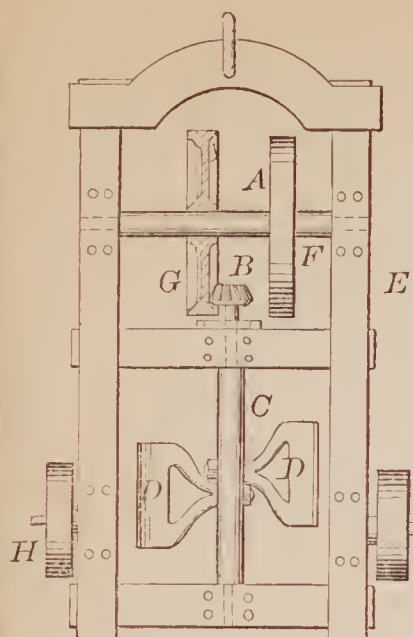


63163—G. L. Johnson—*Extension Ladder.*

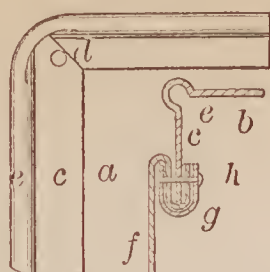


63164—G. A. Keene—*Necktie*.63171—E. Q. Norton—*Knife and Watch Key*.63165—Ladd & Crown—*Card Grinding Machine*.63167—R. McMurray—*Trunk*.63166—O. Macdaniel—*Wire Bale Tie*.63169—P. Miles—*Curtain Fixture*.63172—E. C. H. Nye—*Crossbow*.63174—Prentiss & Parsons—*For Treating Indian Corn*.63175—Prentiss & Parsons—*Preparation from Indian Corn*.63173—S. Polley—*For Trimming Hat Brims*.

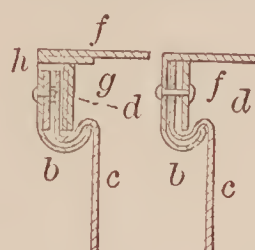
63176—K. Puckett—*Cotton Chopper.*



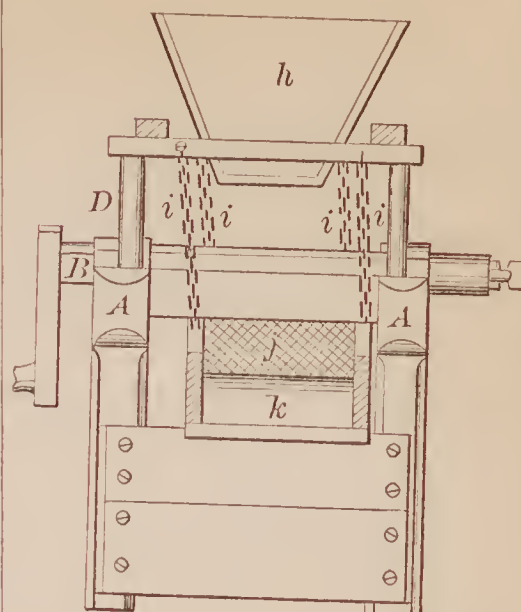
63178—E. A. G. Roulstone—*Carpet Bag.*



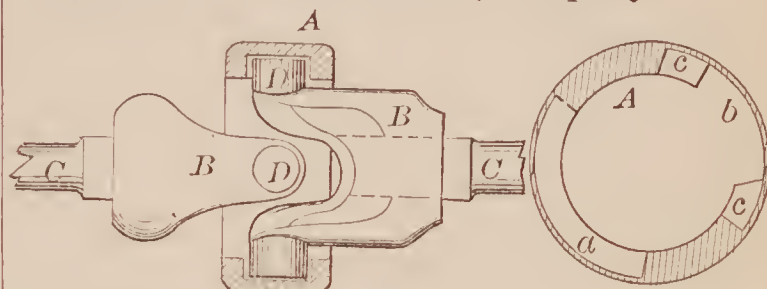
63179—E. A. G. Roulstone—*Carpet Bag.*



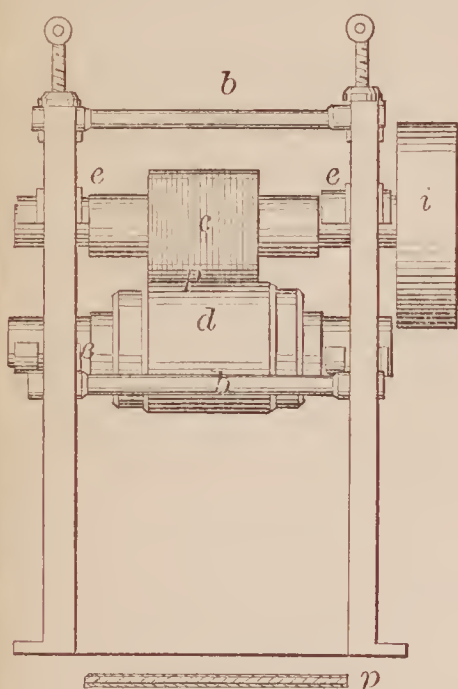
63180—S. C. Rundlett—*Sifter for Sand, &c.*



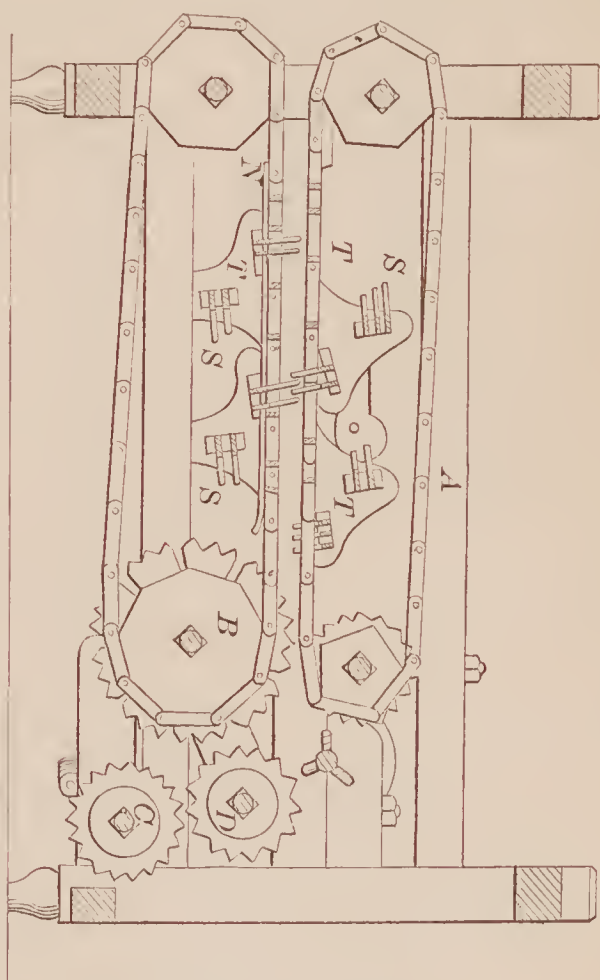
63182—S. C. Schofield—*Shaft Coupling.*



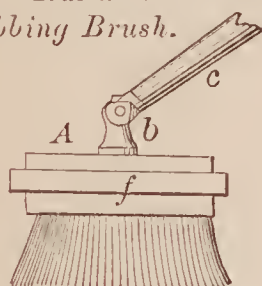
63177—G. W. Ray—*For Embossing Articles of Wearing Apparel.*



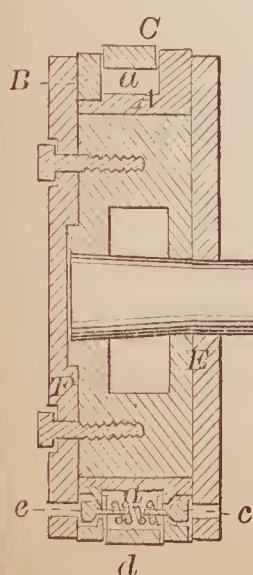
63183—S. Sherman—*Hemp Brake.*



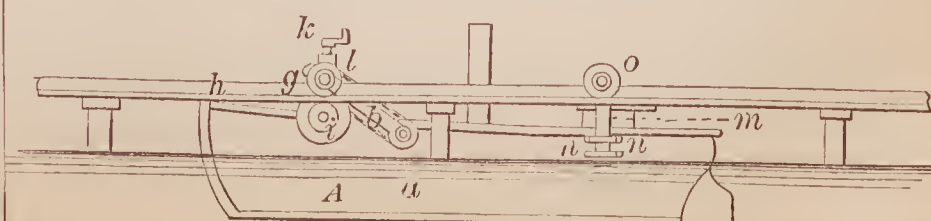
63181—Rundlett & Dodge—*Scrubbing Brush.*



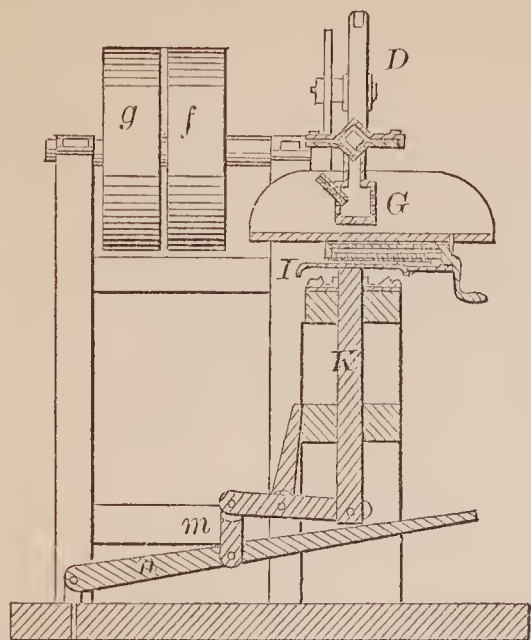
63185—T. Thurber—*Piston Packing.*



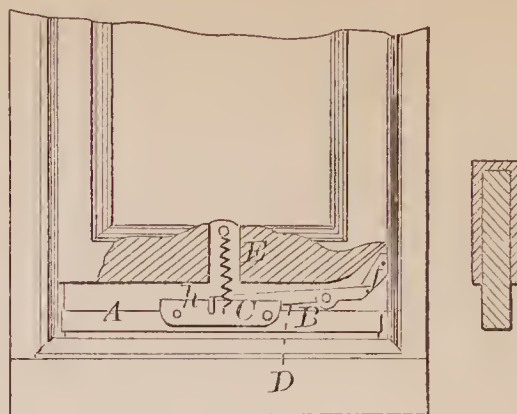
63184—G. Stackpole—*For Propelling Canal Boats.*



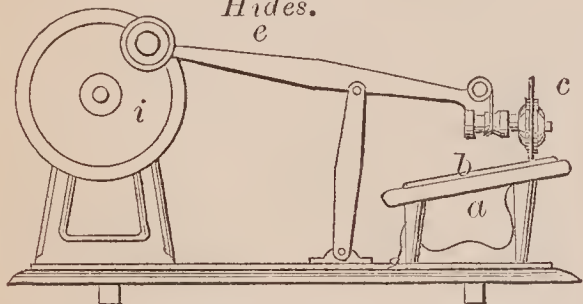
63186—W. M. Tobey—*Ironing Machine.*



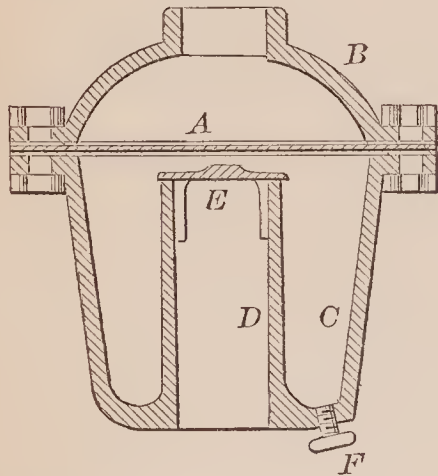
63187—L. W. Turner—*Weather Strip.*



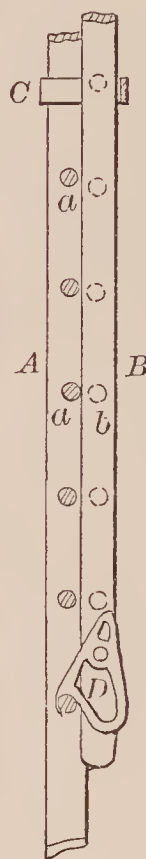
63191—T. F. Weston—*For Shaving Hides.*



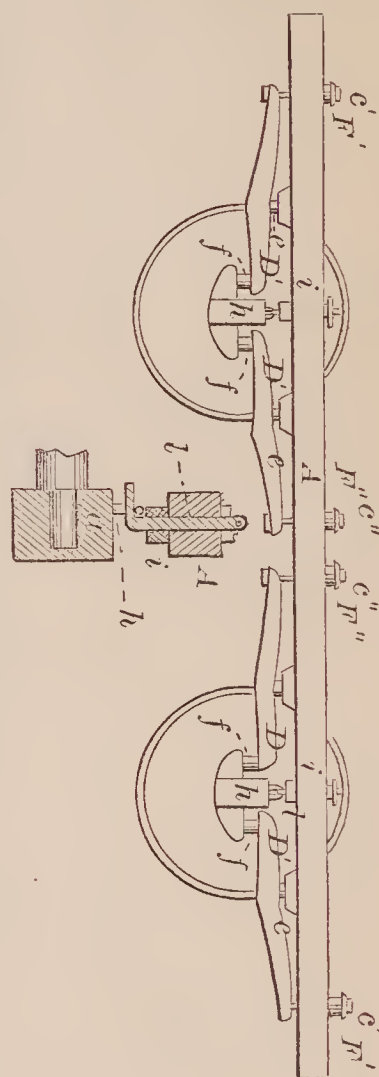
63189—J. D. West—*Sand Trap for Water Pipes.*



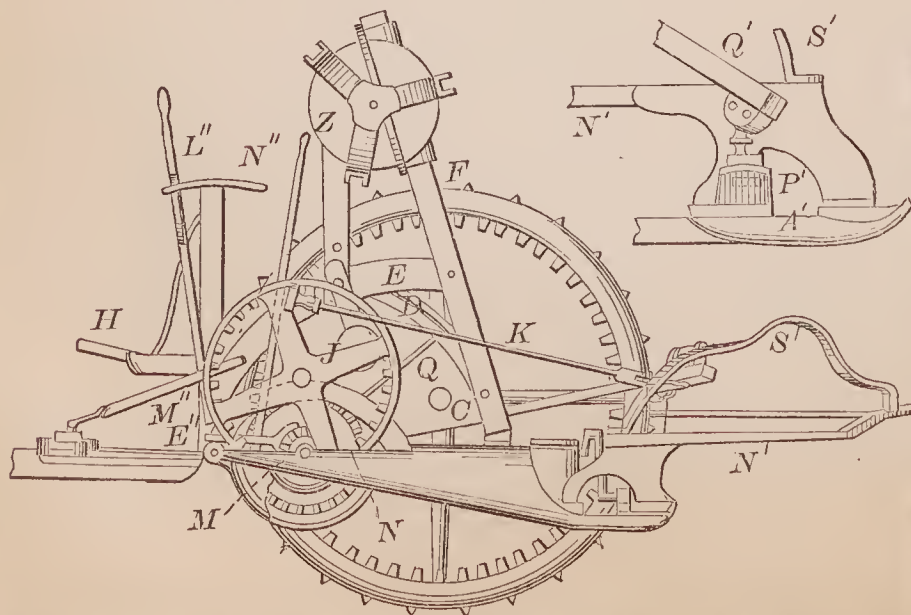
63188—C. G. Uell—*Extension Ladder.*



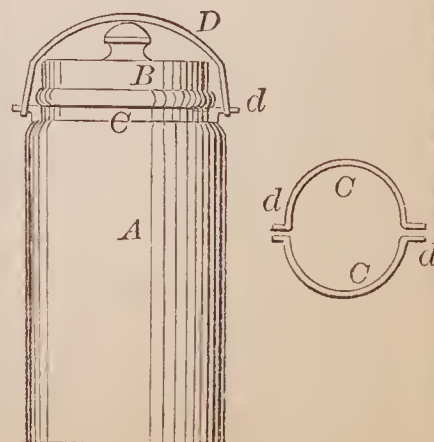
63190—L. H. West—*Car Truck and Spring.*



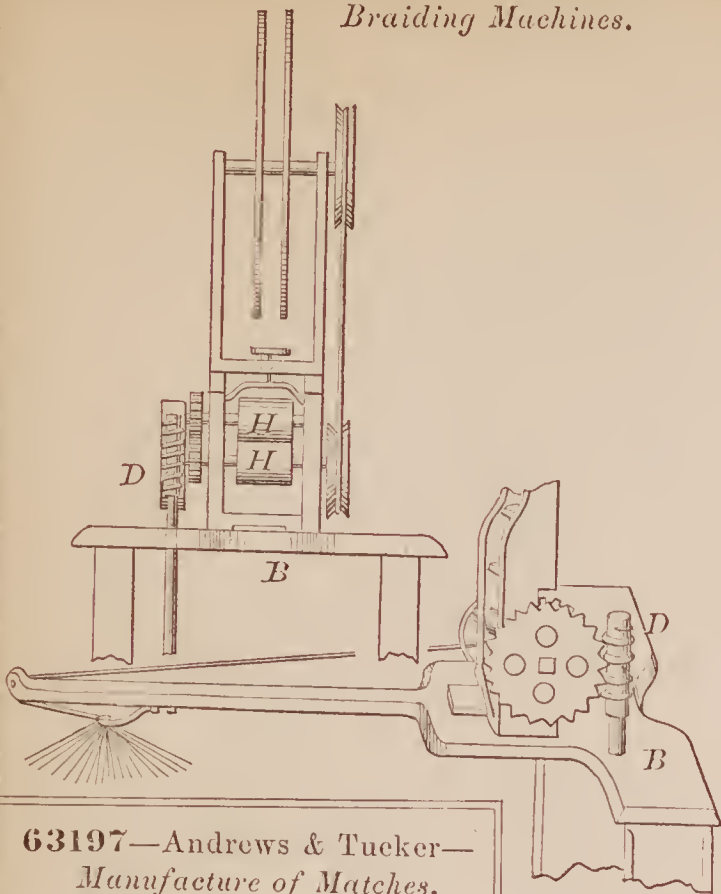
63192—W. N. Whitely, Jr.—*Harvester.*



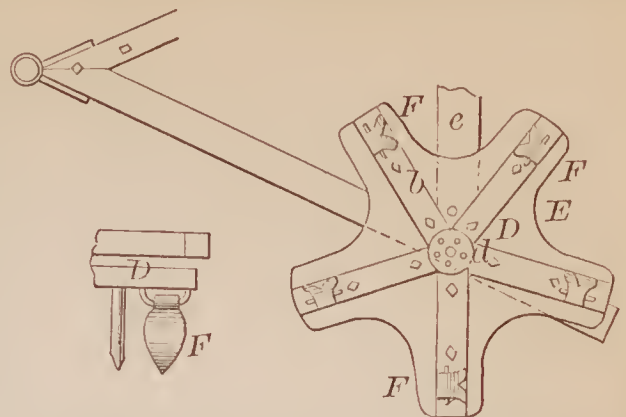
63193—B. B. Wilcox—*Fruit Jar.*



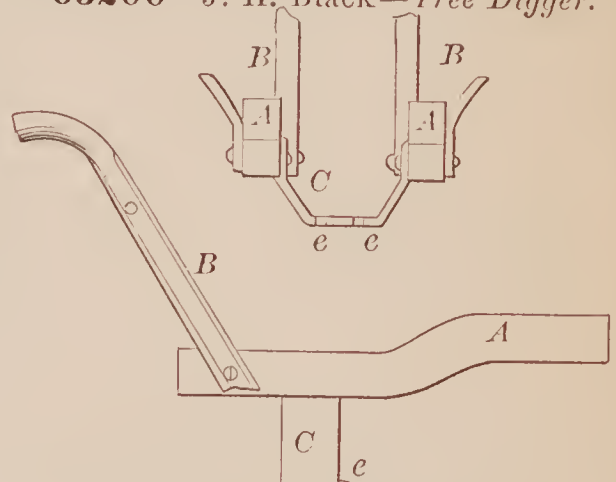
63194—G. K. Winchester.—*Take-up for Braiding Machines.*



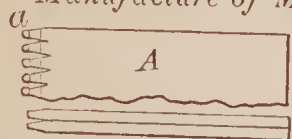
63199—C. Bates.—*Rotary Harrow.*



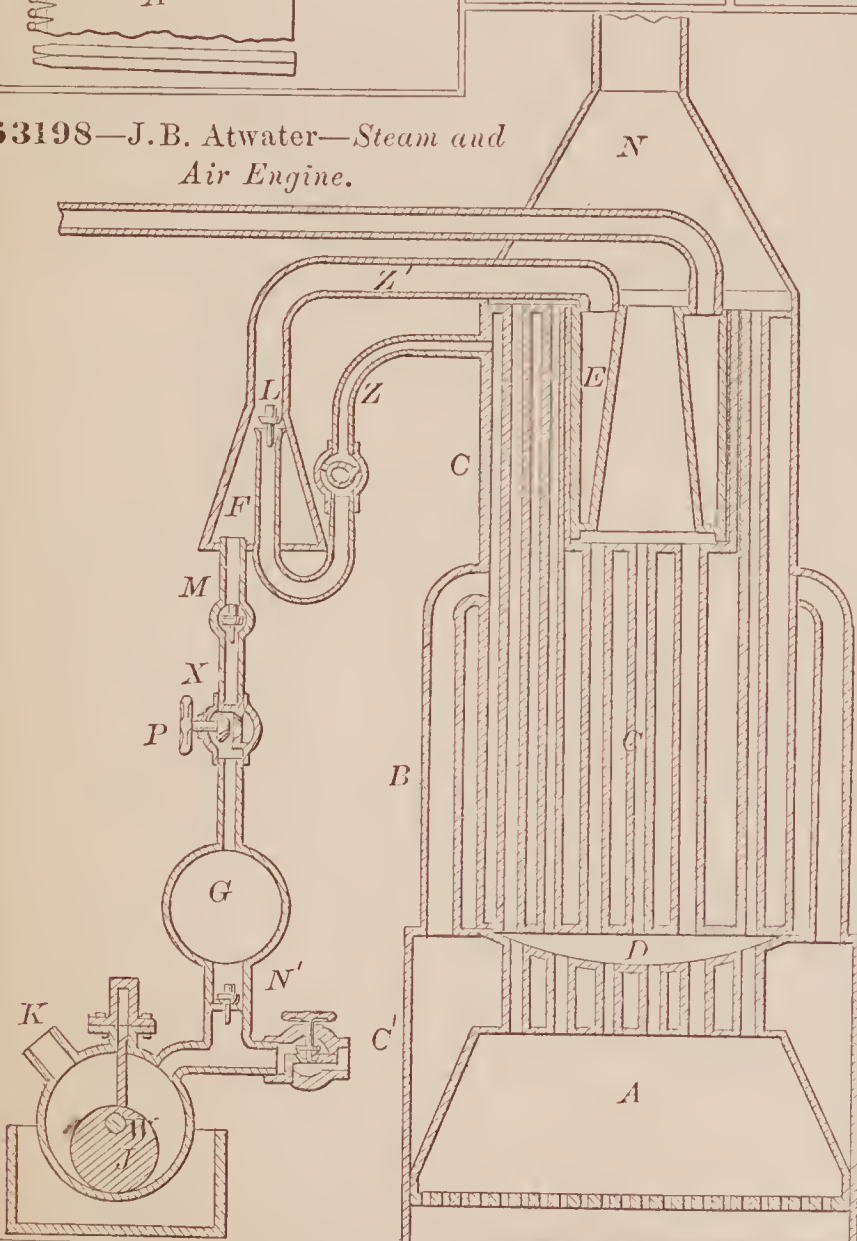
63200—J. H. Black.—*Tree Digger.*



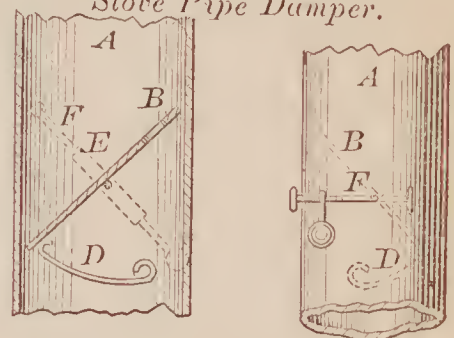
63197—Andrews & Tucker.—*Manufacture of Matches.*



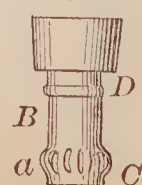
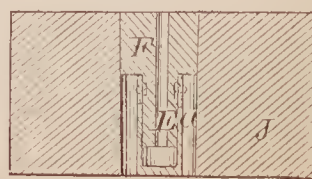
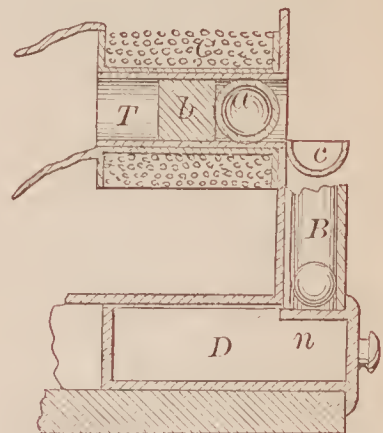
63198—J. B. Atwater.—*Steam and Air Engine.*



63196—T. K. Anderson.—*Stove Pipe Damper.*

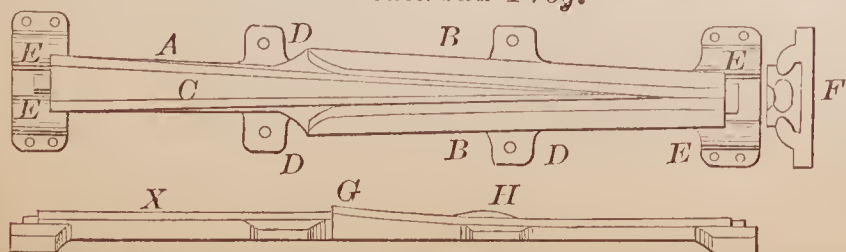


63201—J. Blackie.—*Apparatus for Registering Votes.*

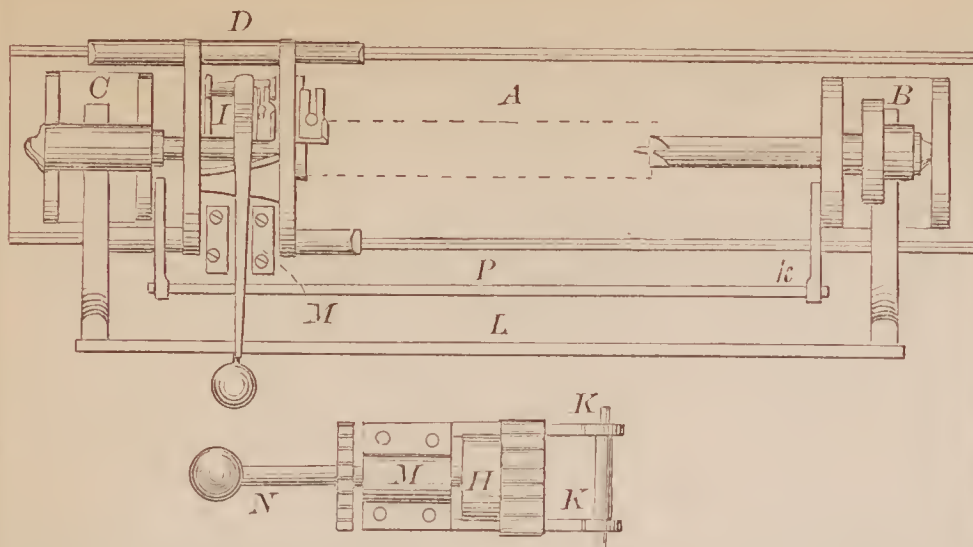


63202—S. Bourne.—*Valve for Beer Casks.*

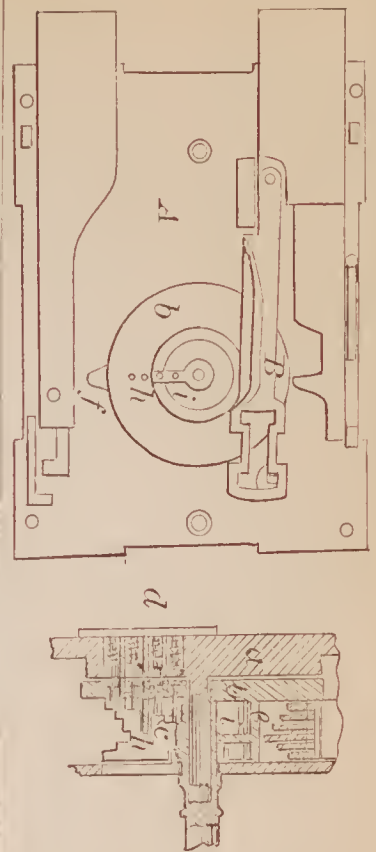
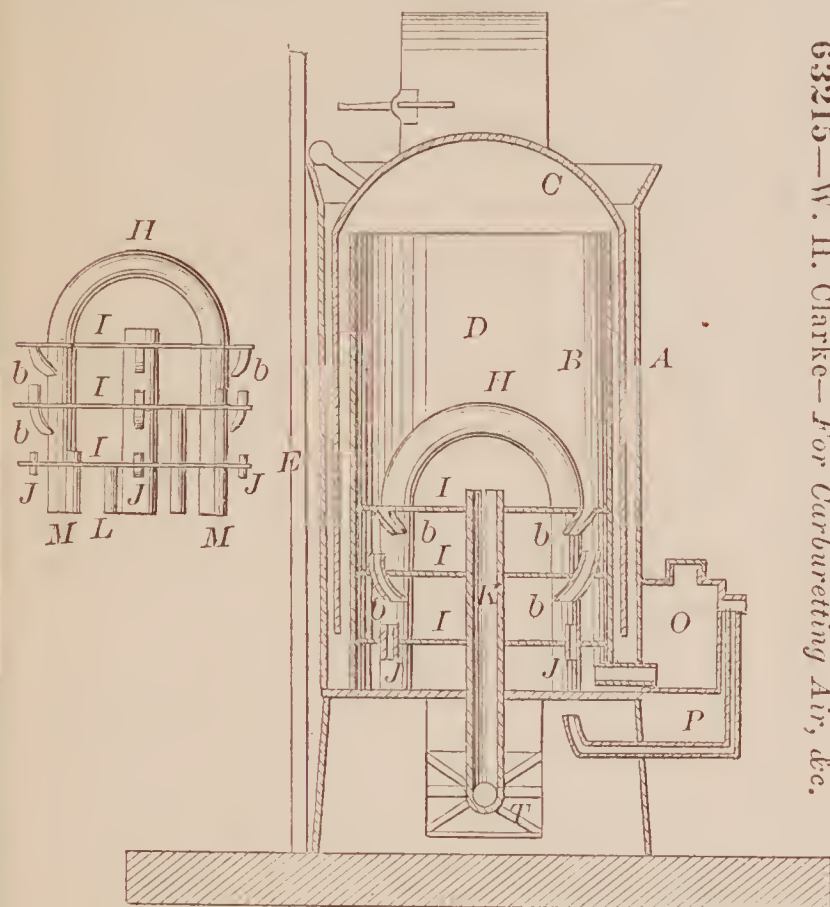
63203—N. P. Bowler.—*Railroad Frog.*



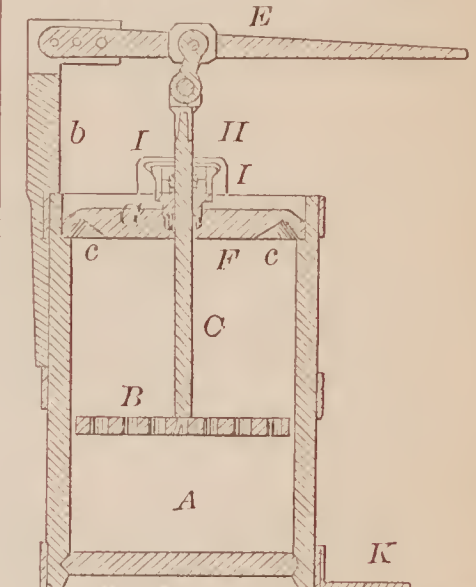
63213—J. Chase—*Wood Turning Lathe.*



63214—S. L. Chase—Door Lock.

63215—W. H. Clarke—*For Carburetting Air, &c.*

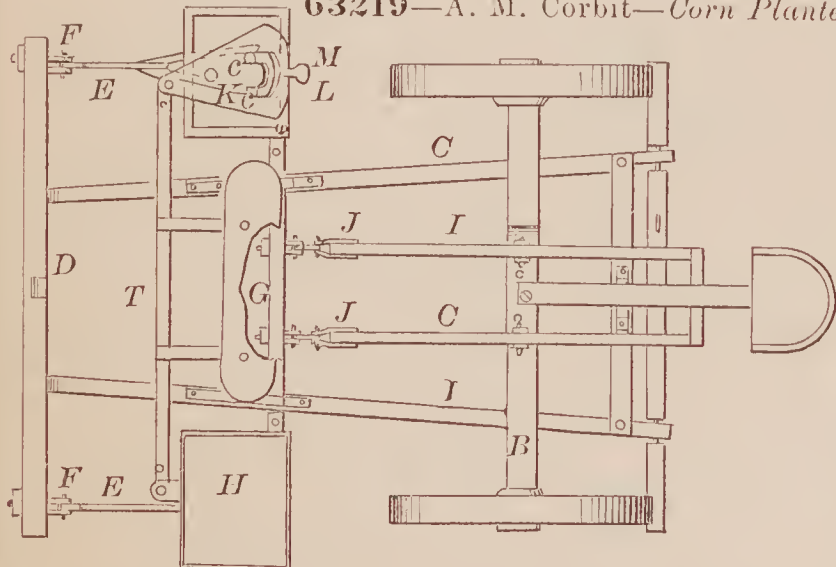
63215—J. C. Clymer—*Chern.*



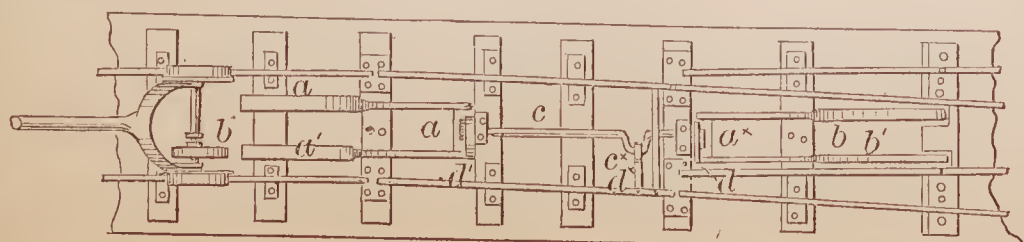
63217—J. W. Cochran—
Breech-Loading Fire Arm.

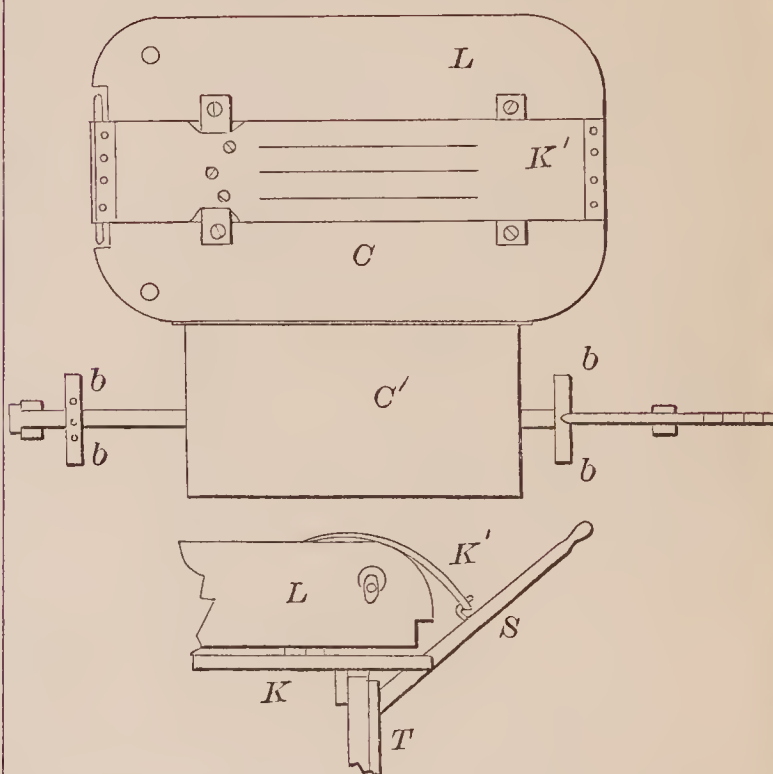
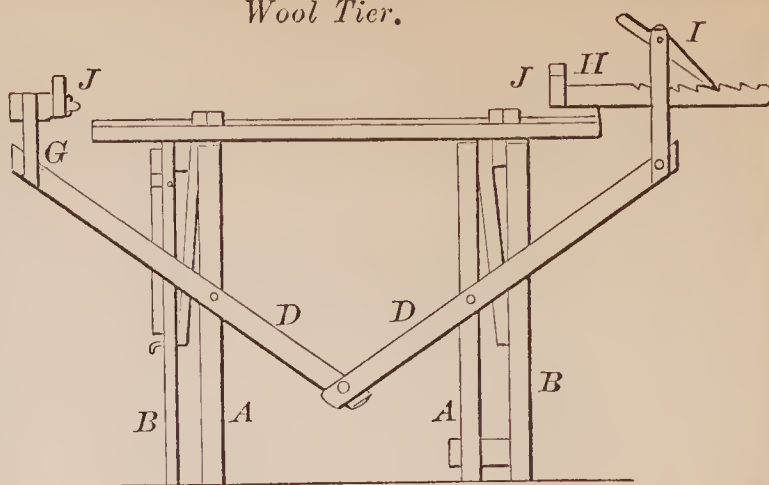
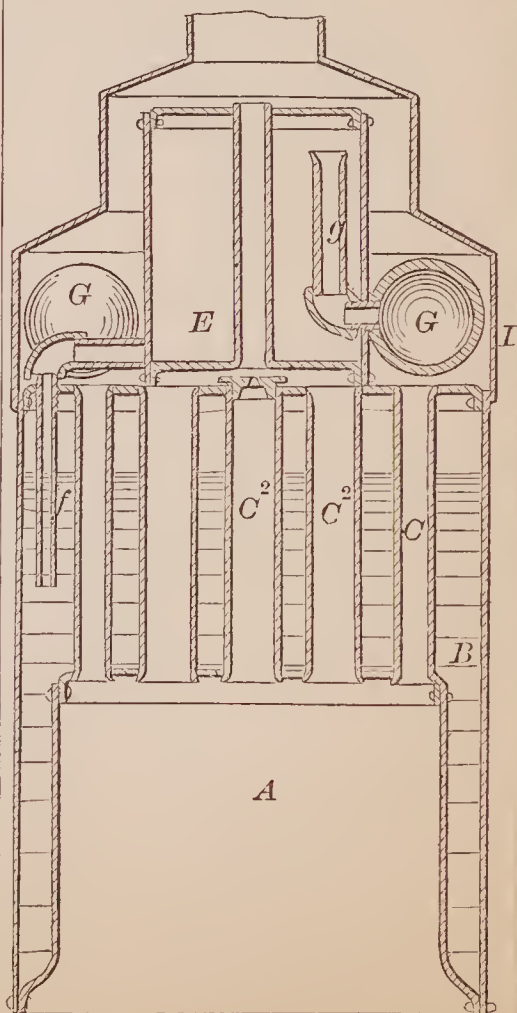
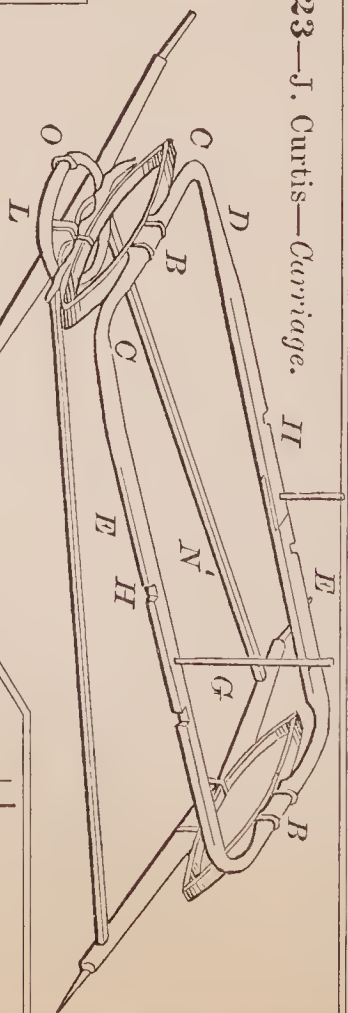
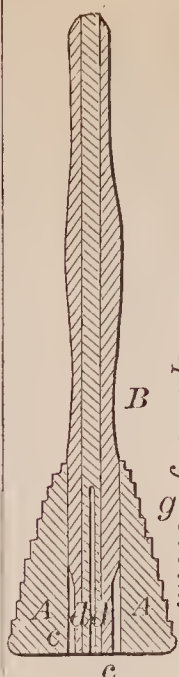
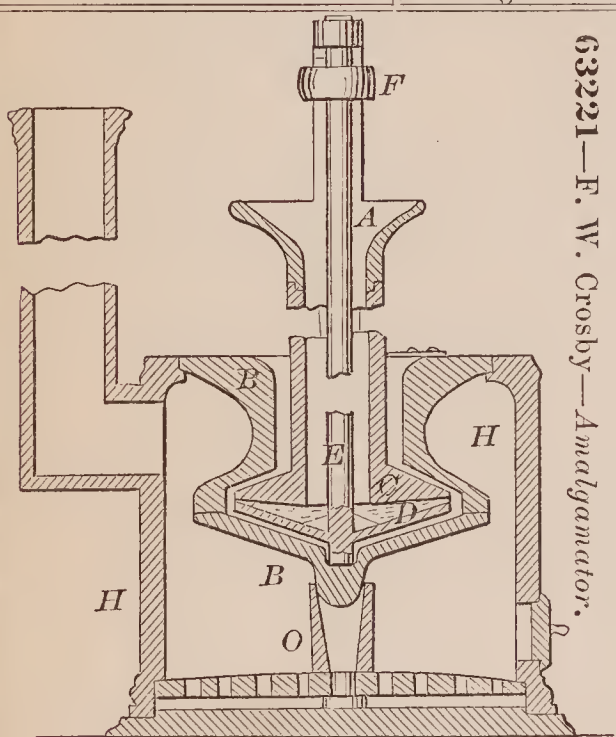
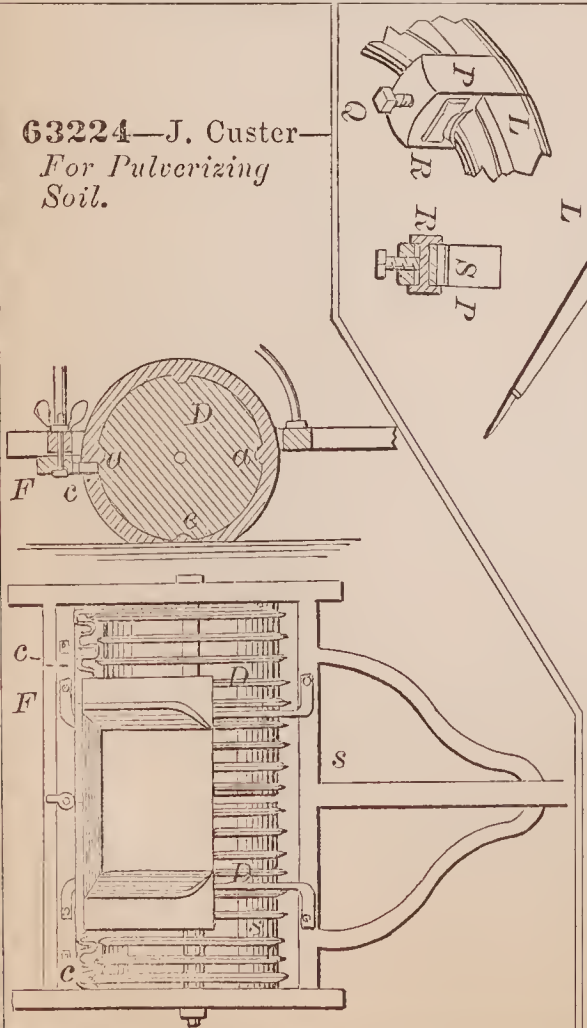
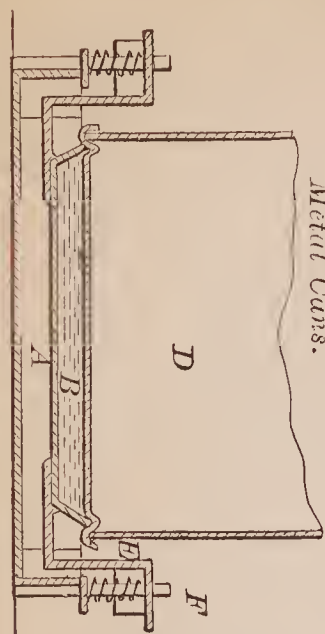


63219—A. M. Corbit—*Corn Planter.*

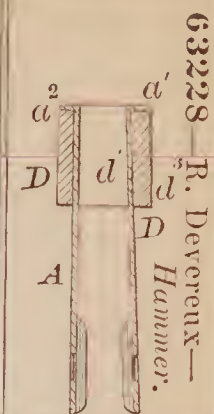
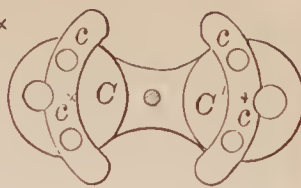
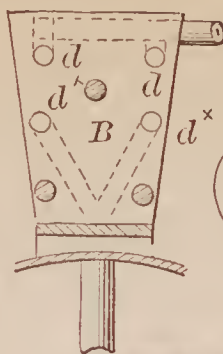
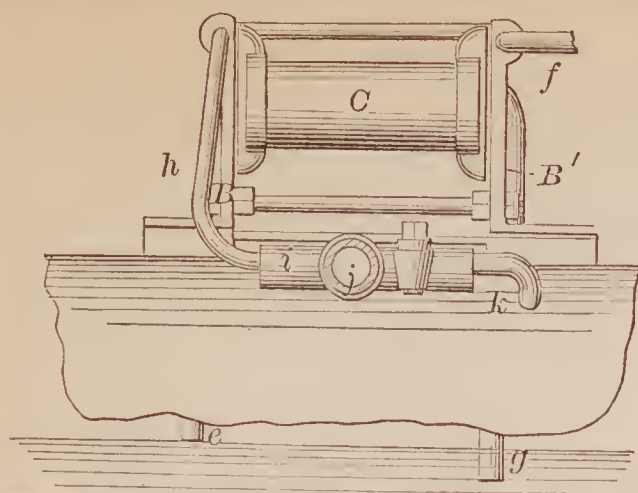


63218—G. M. Cole—*Railroad Switch.*



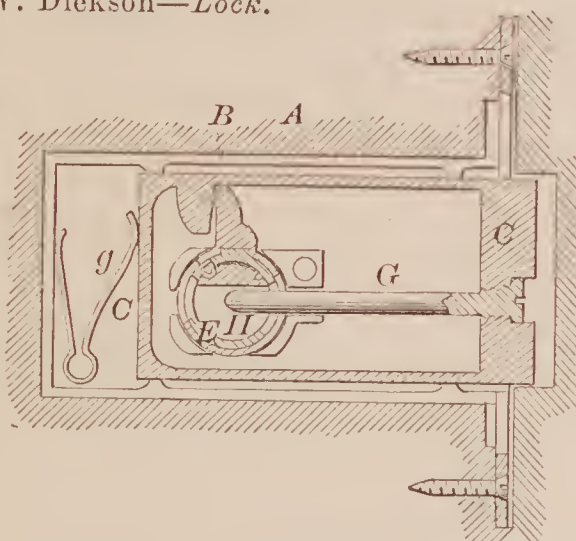
63222—A. M. Culver—*Sheep Holder and Wool Tier.*63226—R. W. & D. Davis—*Steam Generator.*63223—J. Curtis—*Carriage.*63225—Davis & Foster—*Spinning Bobbin.*63221—F. W. Crosby—*Amalgamator.*63224—J. Custer—*For Pulverizing Soil.*63220—E. T. Covell—*For Soldering Metal Cans.*

63227—H. O. Demarest—*Automatic Boiler Feeder.*

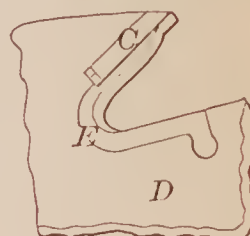
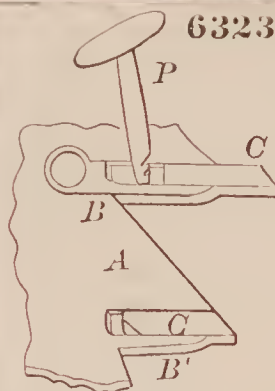


63228—R. Devereux—*Hammer.*

63230—W. Diekson—*Lock.*



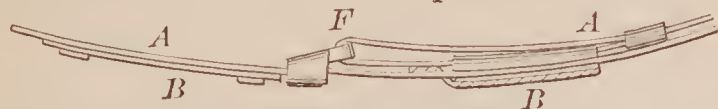
63232—J. E. Emerson—*Saw.*



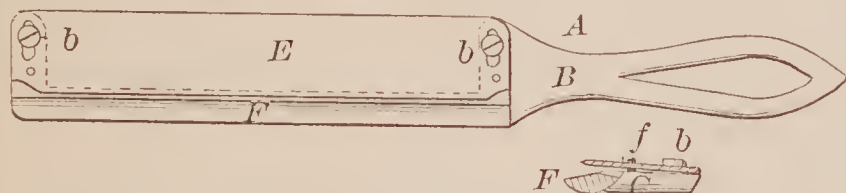
63234—L. Fellheimer—*Hoop Skirt.*



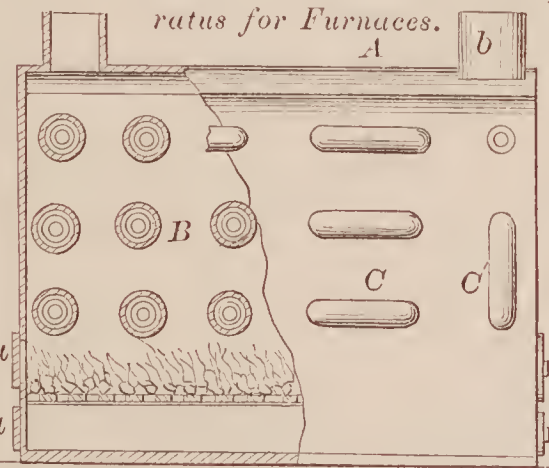
63233—A. Fellheimer—*Hoop Skirt.*



63236—A. M. Foree—*Meat Slicer.*



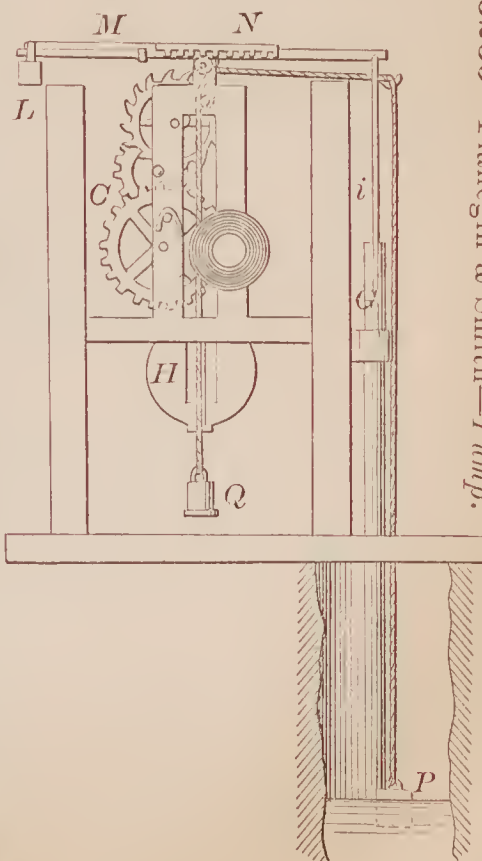
63237—J. Froggett—*Hot Blast Apparatus for Furnaces.*



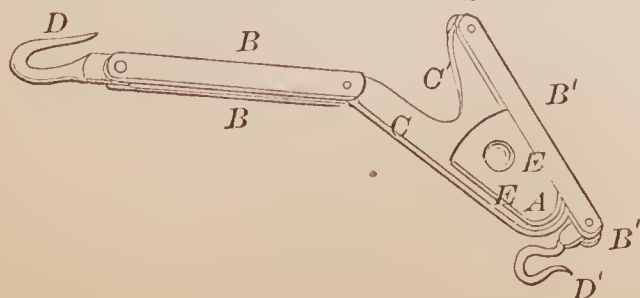
63231—W. M. Doty—*Clothes*

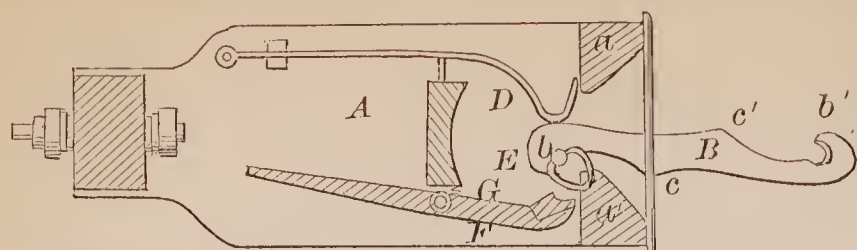
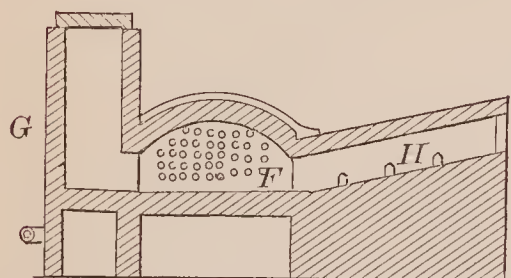
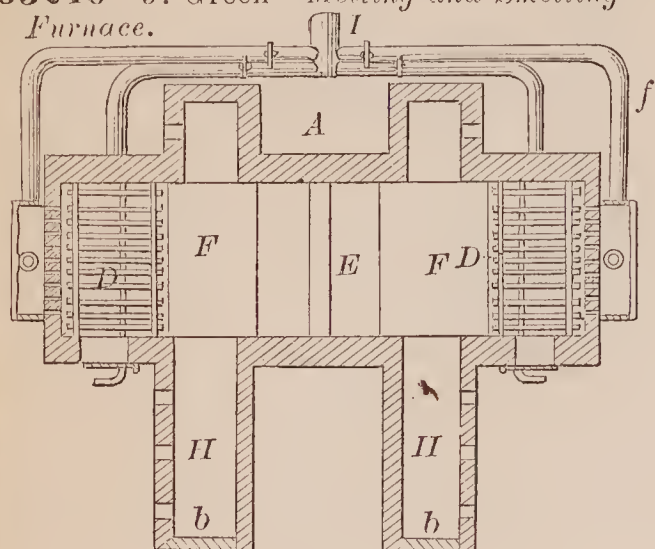
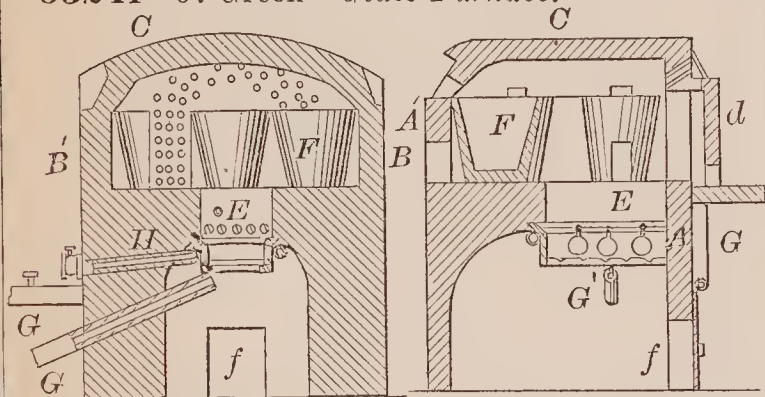
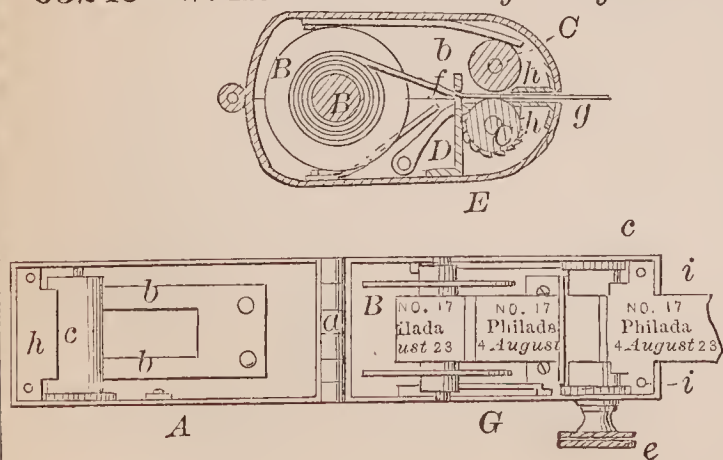
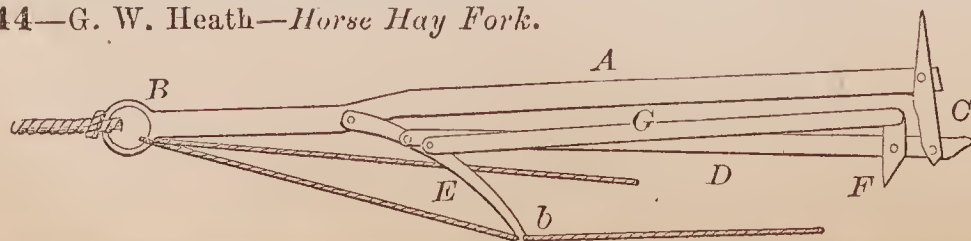
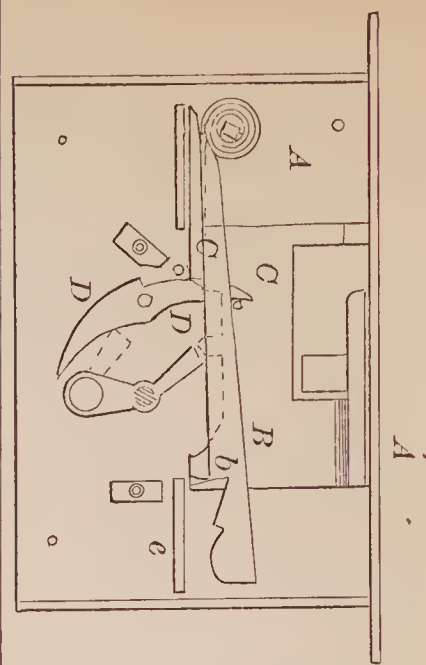
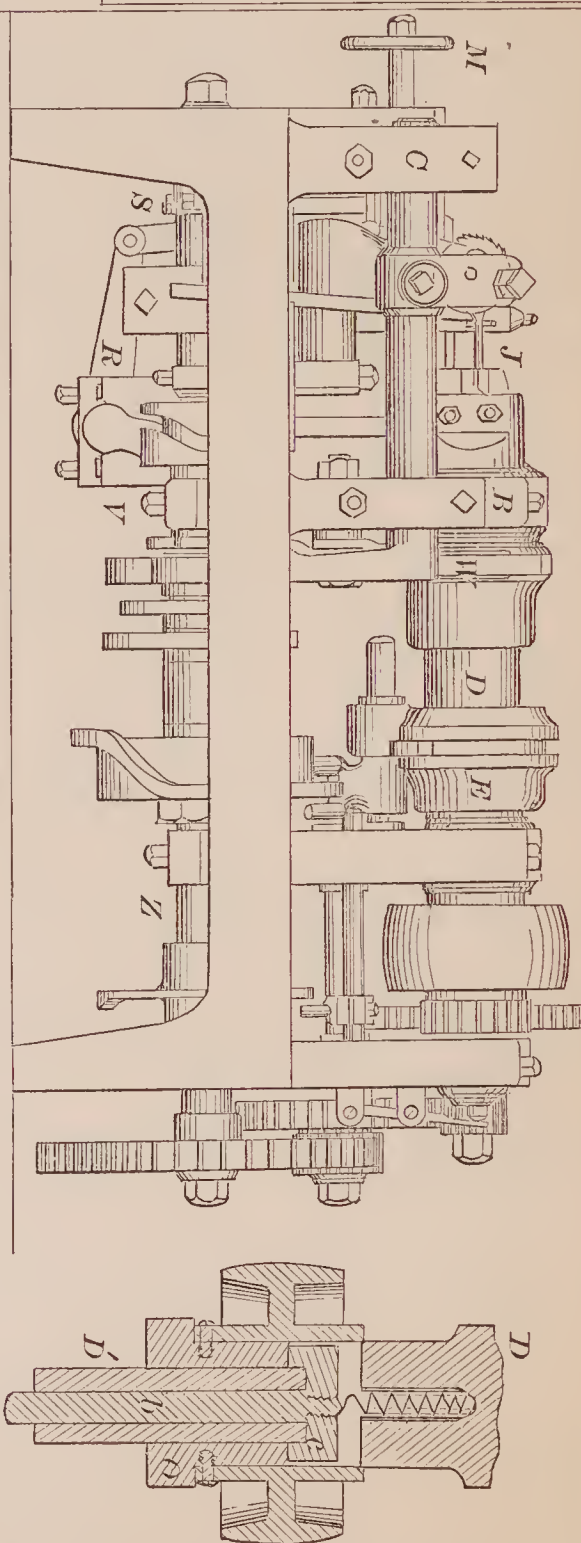


63235—Flanagin & Smith—*Pump.*

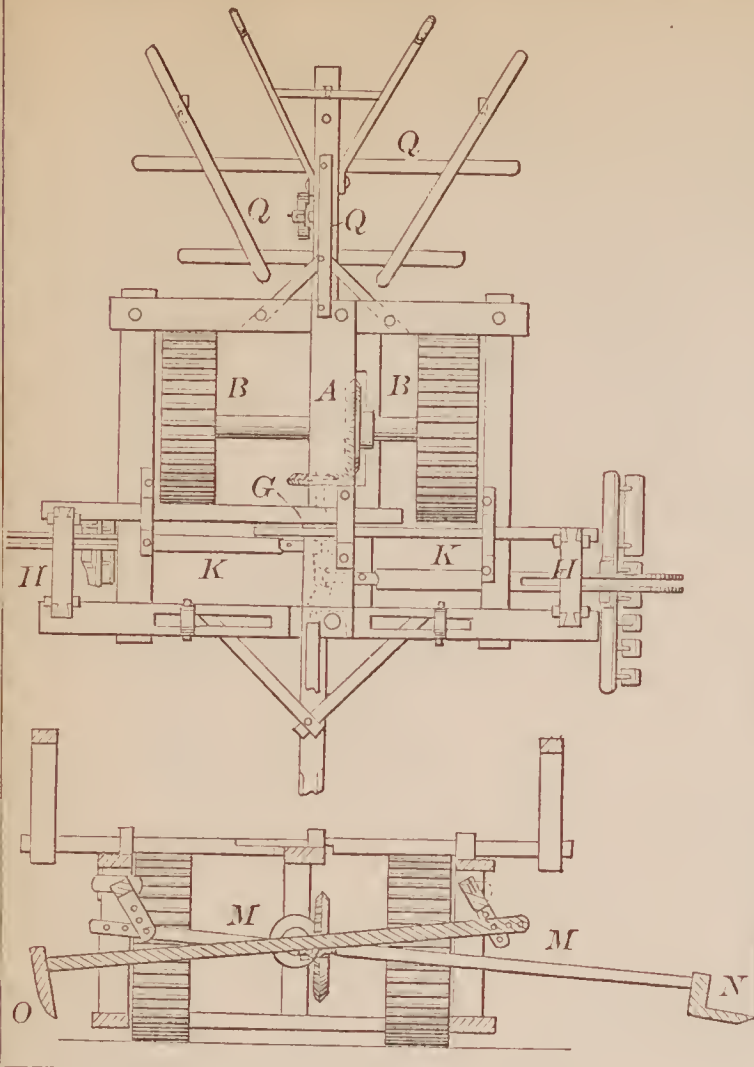


63238—M. Gally—*Evener for Whiffletrees.*

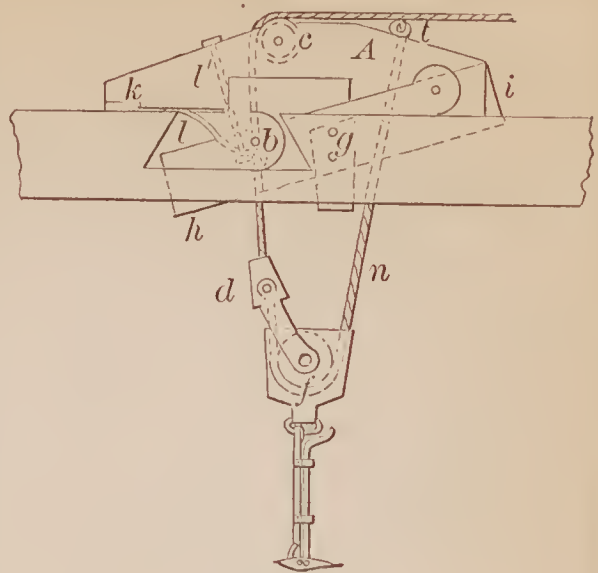


63239—J. B. German—*Car Coupling.*63240—J. Green—*Melting and Smelting Furnace.*63241—J. Green—*Glass Furnace.*63245—W. Helfricht—*Passenger Register.*63244—G. W. Heath—*Horse Hay Fork.*63242—Gschwind & Reichardt—*Trunk Lock.*63243—N. B. Hadley—*Machinery for Nicking Screws.*

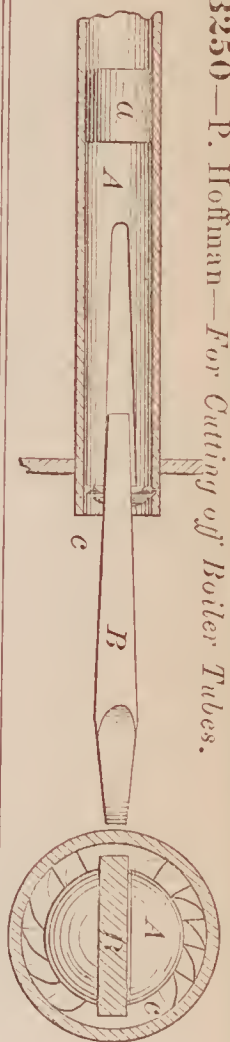
63246—R. B. Henderson—*Cotton Cultivator.*



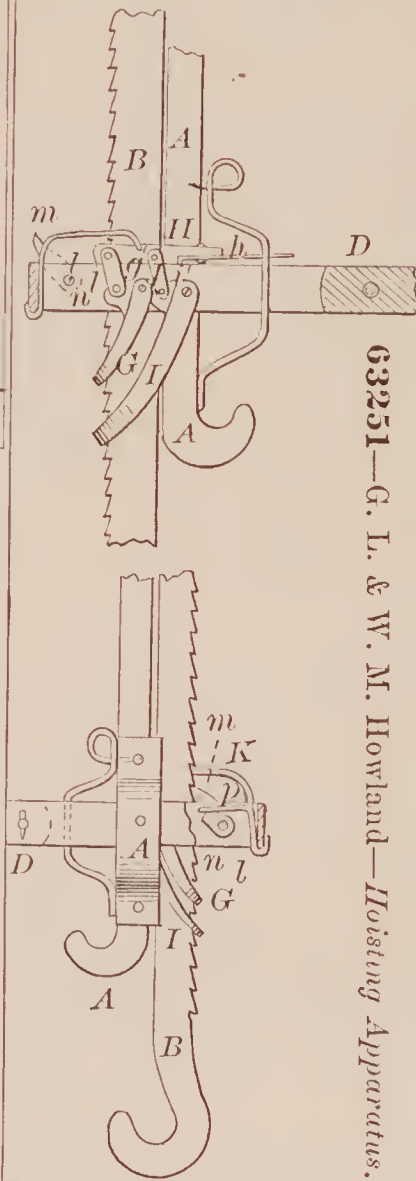
63248—E. Hicks—*Elevator.*



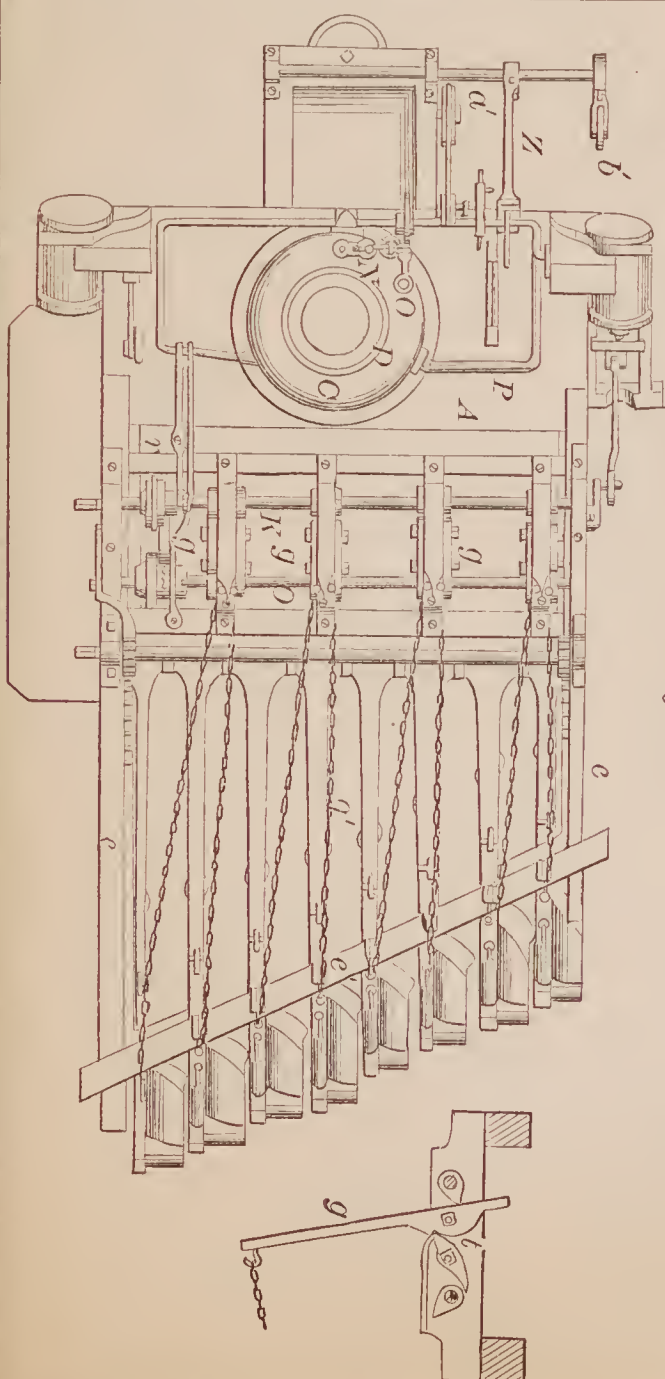
63250—P. Hoffman—*For Cutting off Boiler Tubes.*



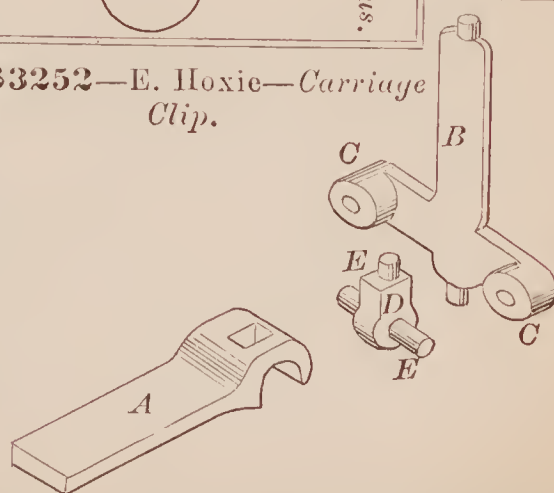
63251—G. L. & W. M. Howland—*Hoisting Apparatus.*



63247—W. H. H. Heydrick—*Steam Gang Plow.*

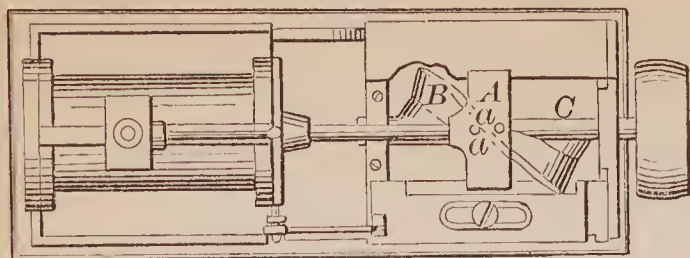
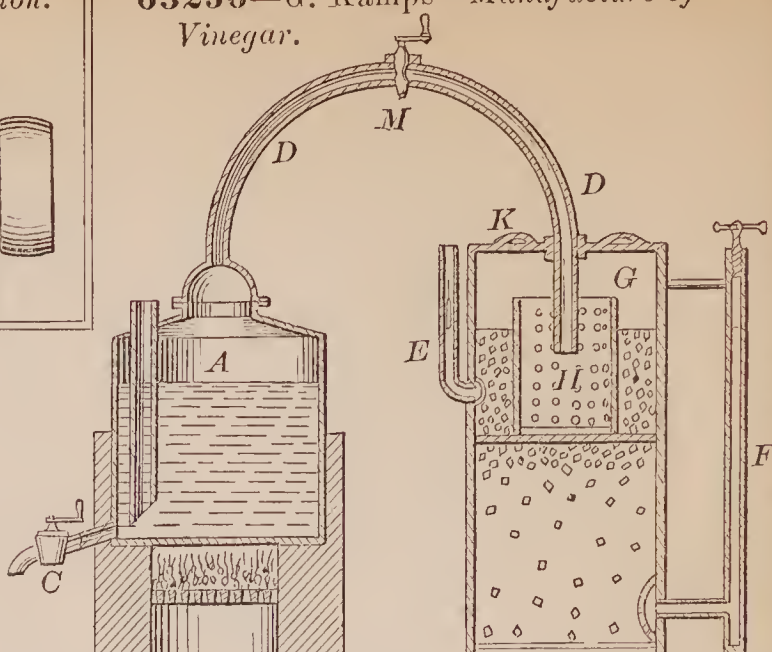
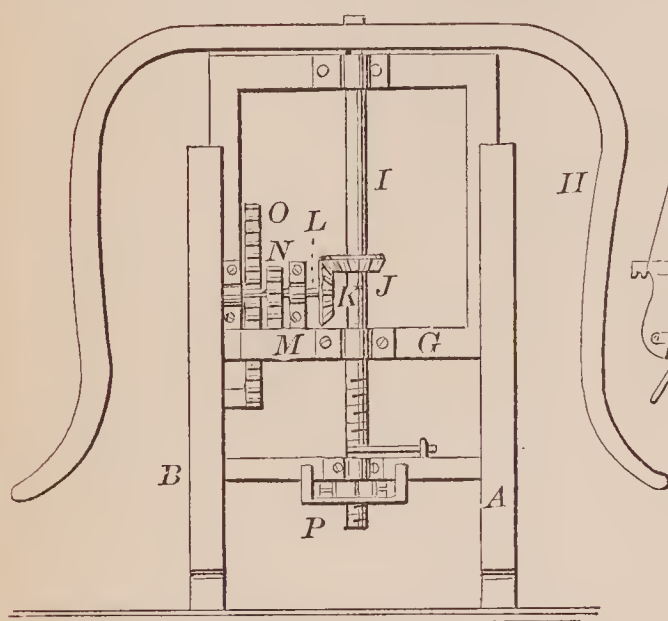
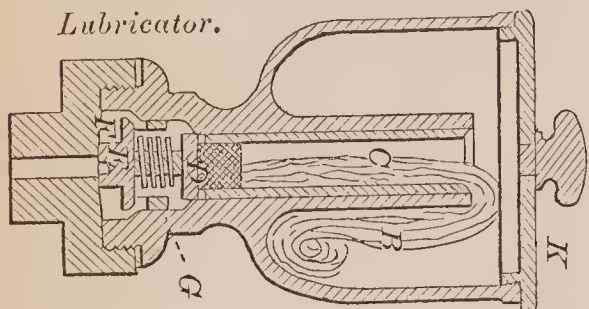
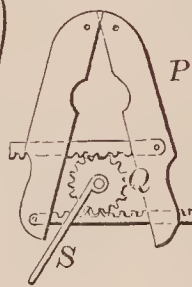
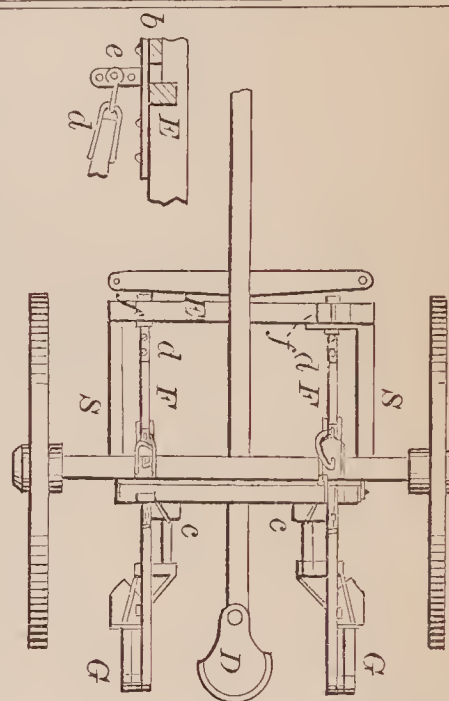
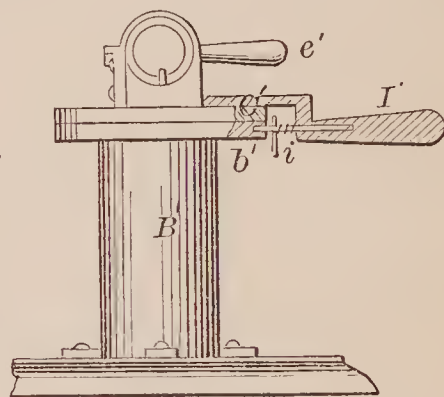
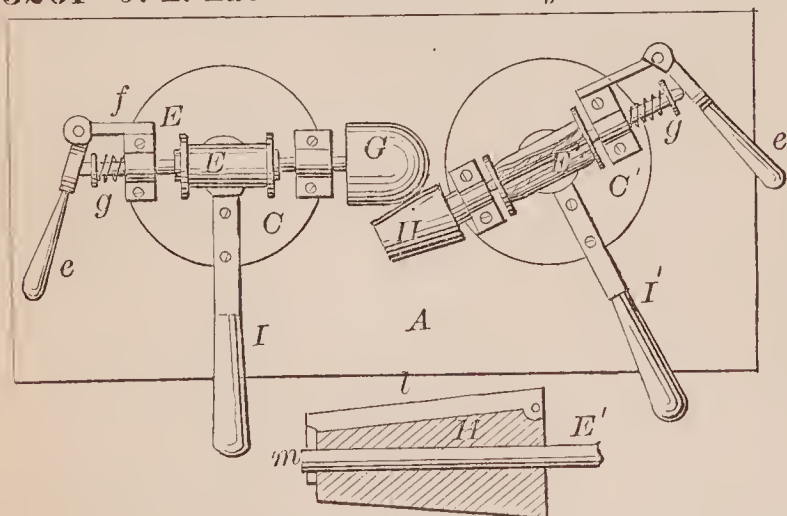
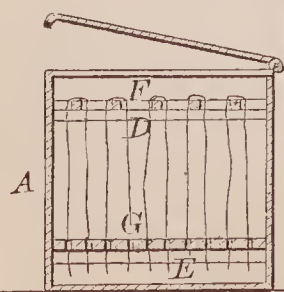
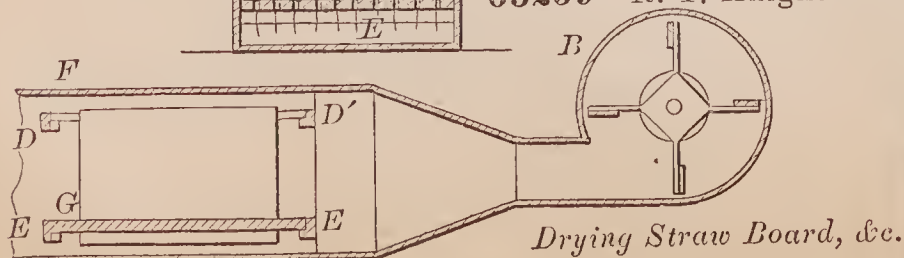
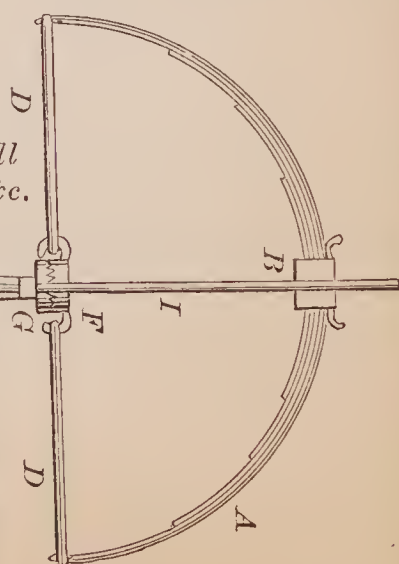


63252—E. Hoxie—*Carriage Clip.*

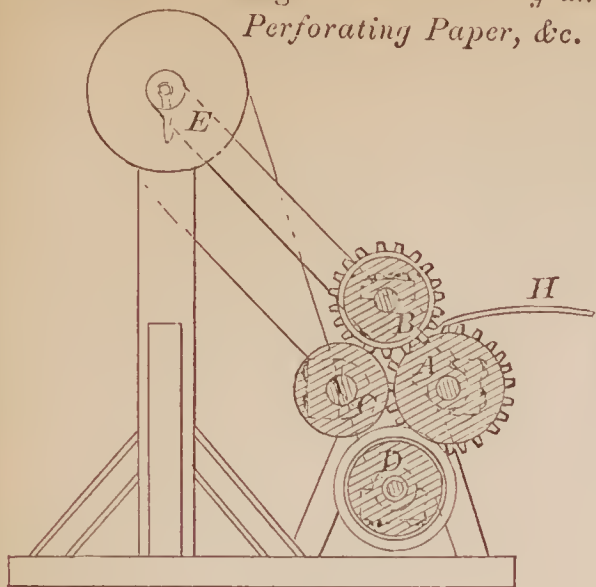


63253—G. W. Hubbell—*Skirt Wire.*

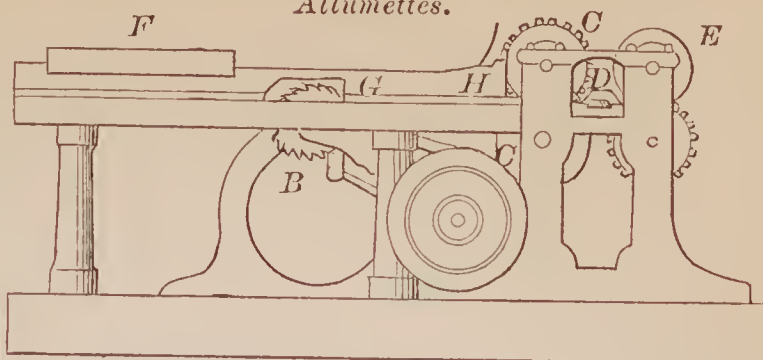


63254—W. H. Hurlbut—*Converting Motion.*63256—G. Kamps—*Manufacture of Vinegar.*63257—H. Kessler—*Steam Engine Lubricator.*63258—D. King—*Press.*63260—H. P. Kynett—*Gang Plow.*63261—J. L. Labiaux—*For Pouncing Hats.*63262—E. G. Lamson—*Drill Spring for Quarrying Stone, &c.*63259—R. T. Knight—*For**Drying Straw Board, &c.*

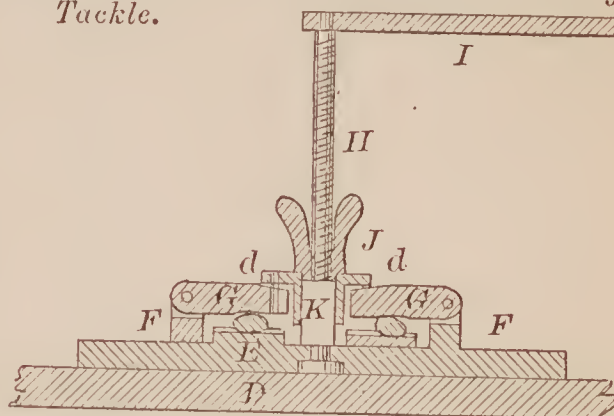
63263—C. Lang—For Embossing and Perforating Paper, &c.



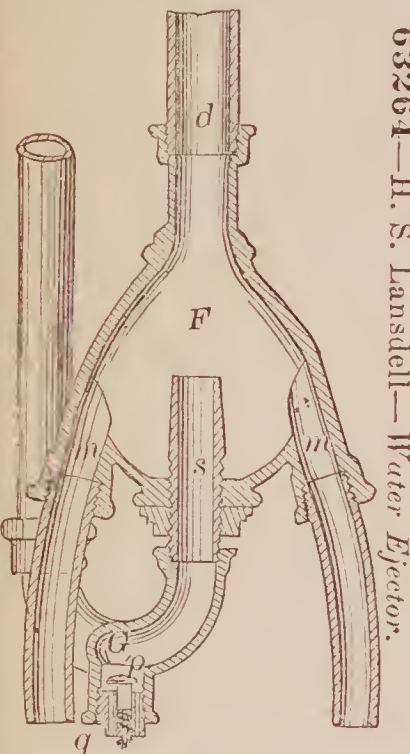
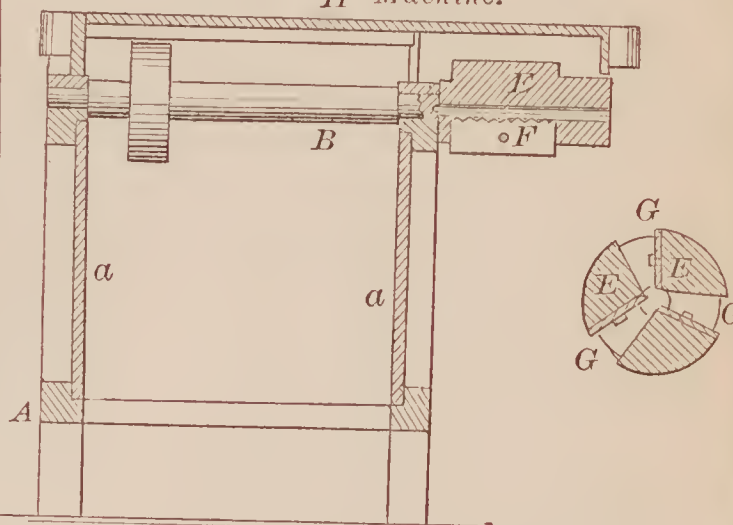
63265—B. B. Lehman—For Making Paper Allumettes.



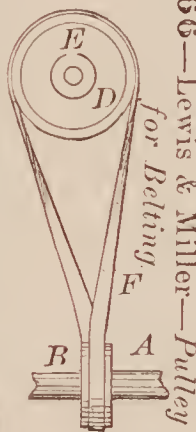
63268—J. A. Libbertz—Boat Detaching Tackle.



63270—J. Lockwood—Wire Pointing Machine.



63264—H. S. Lansdell—Water Ejector.

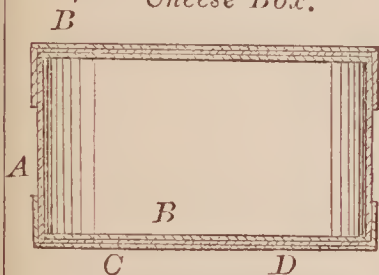


63266—Lewis & Miller—Pulley for Belting.

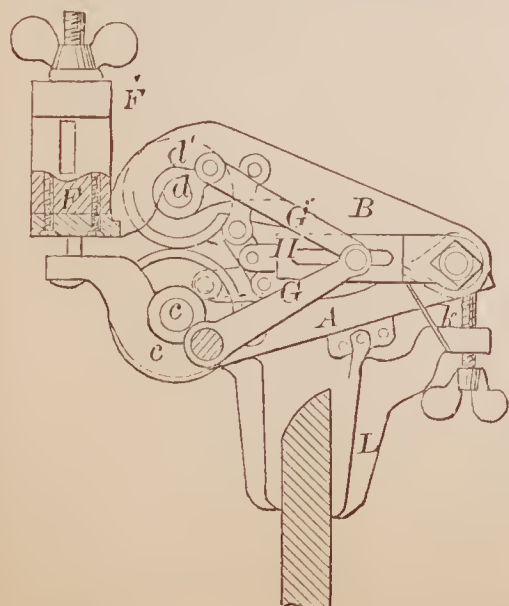


63271—C. E. Lombard—Key.

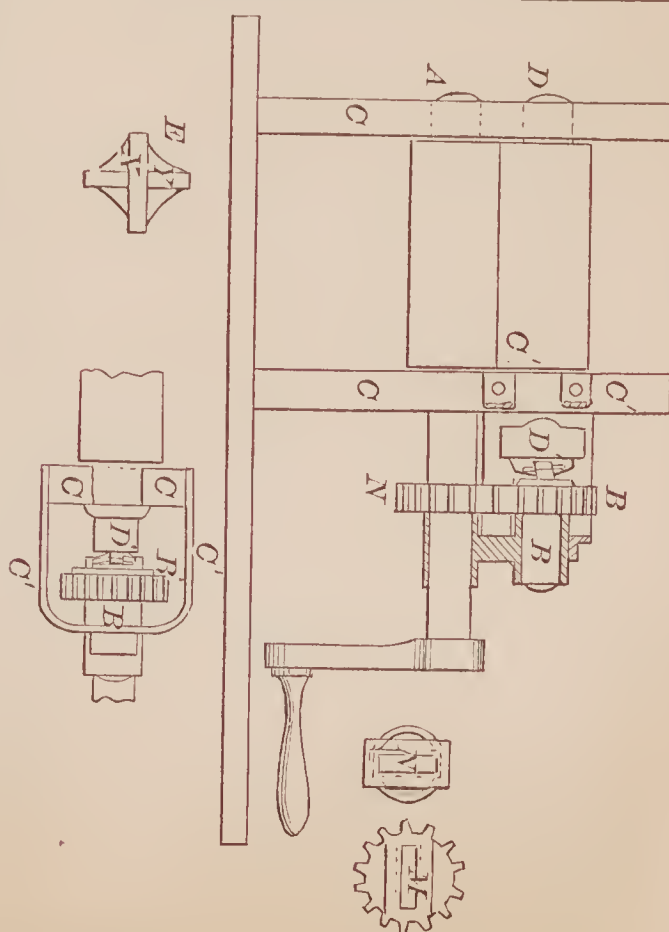
63267—N. & F. Lewis—Cheese Box.

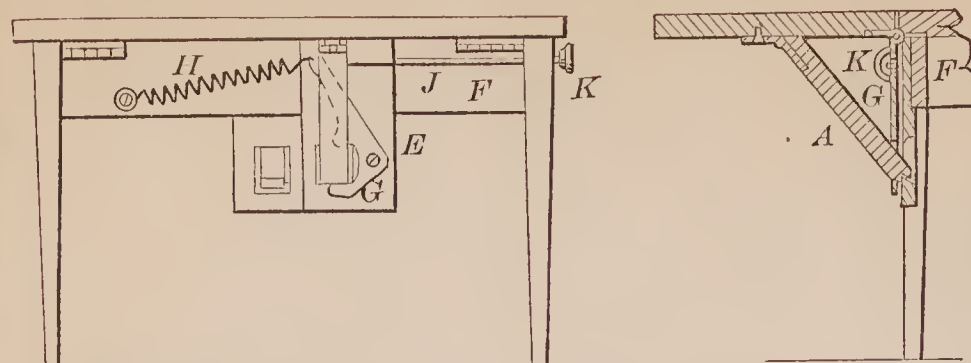
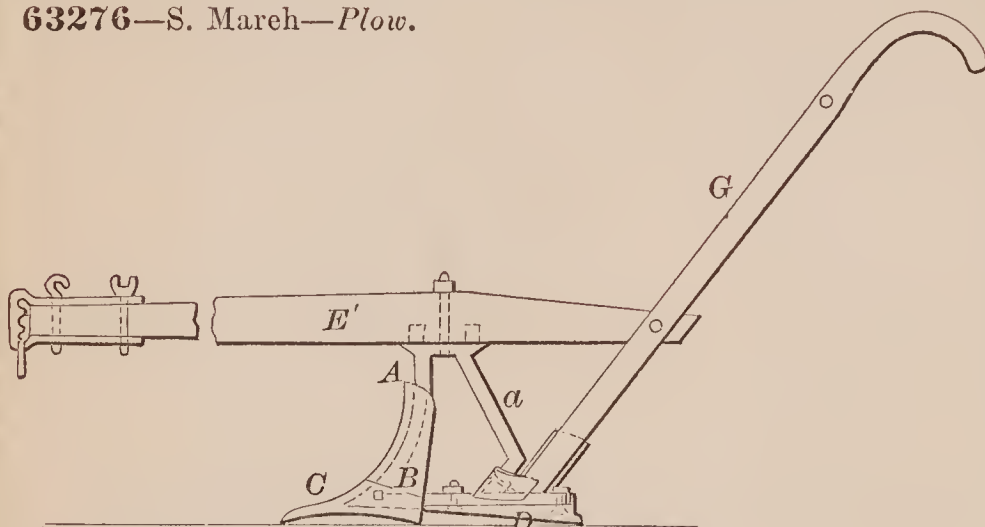
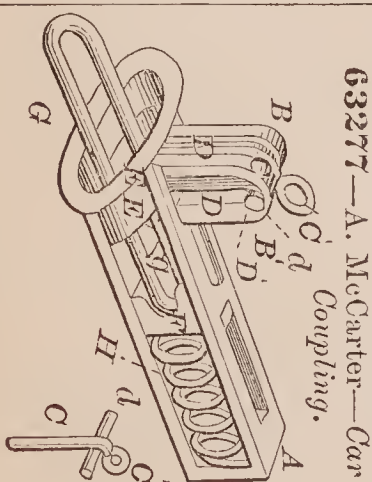
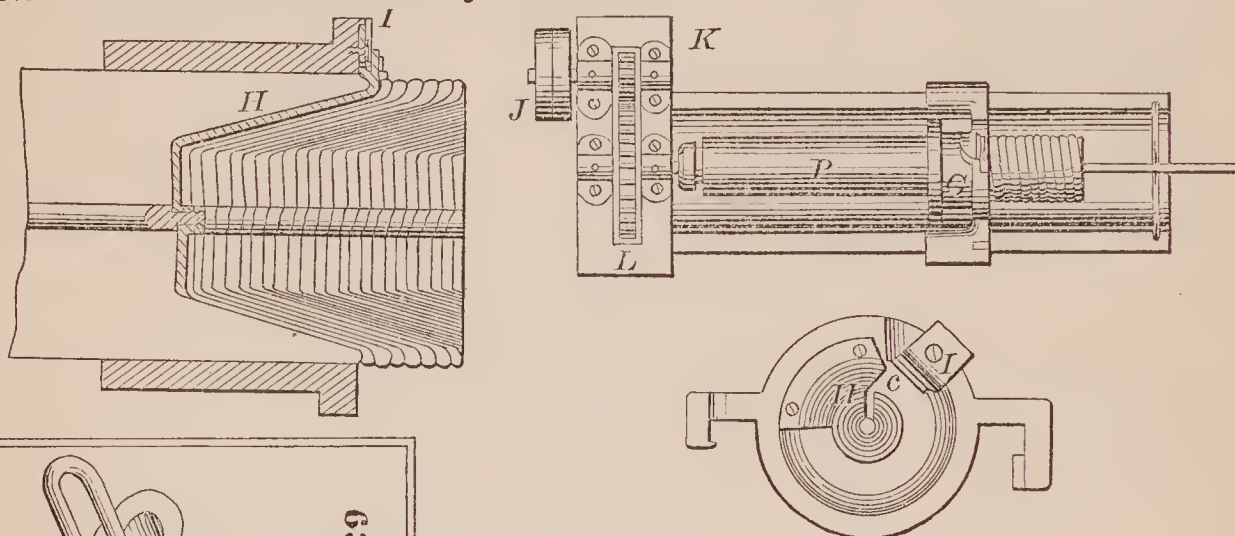
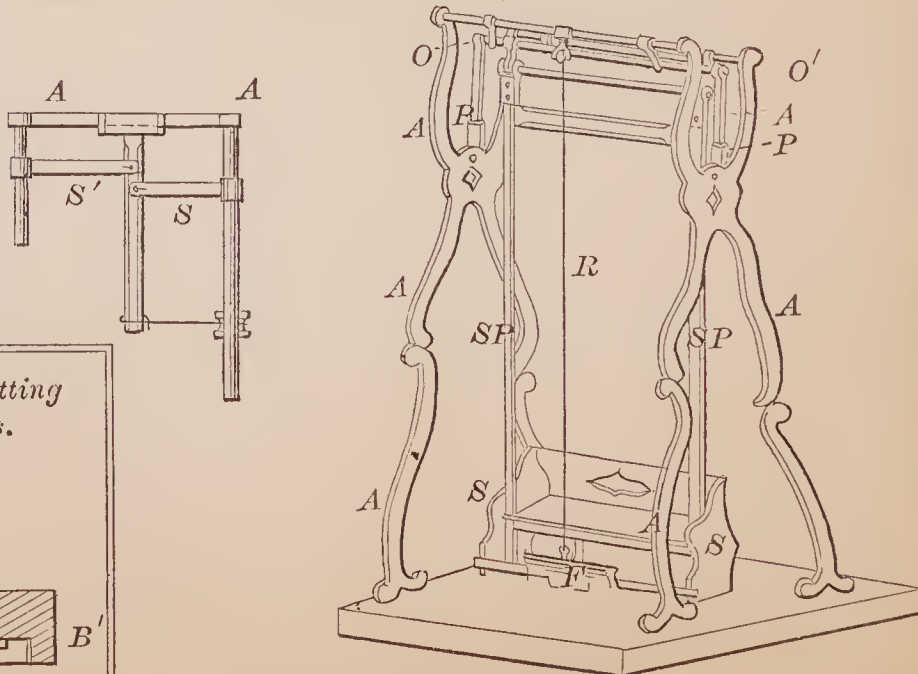
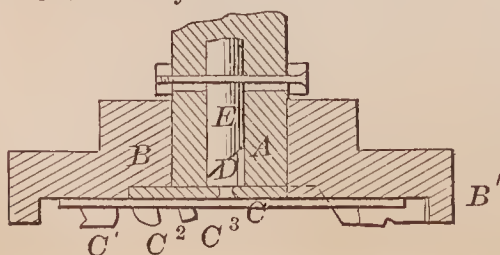
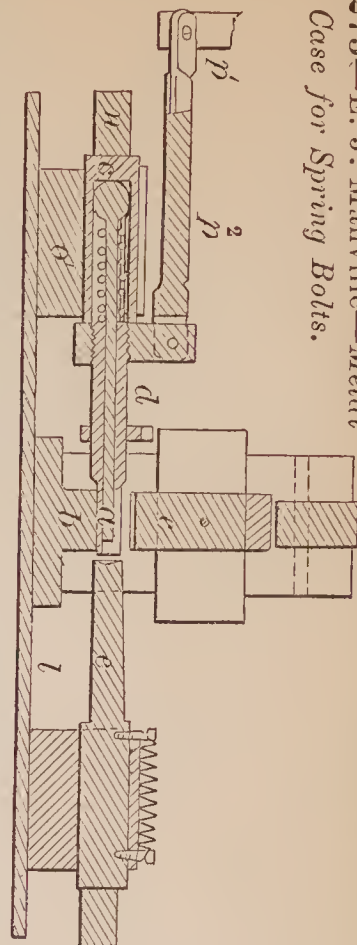


63273—D. Lyman—Clothes Wringer.

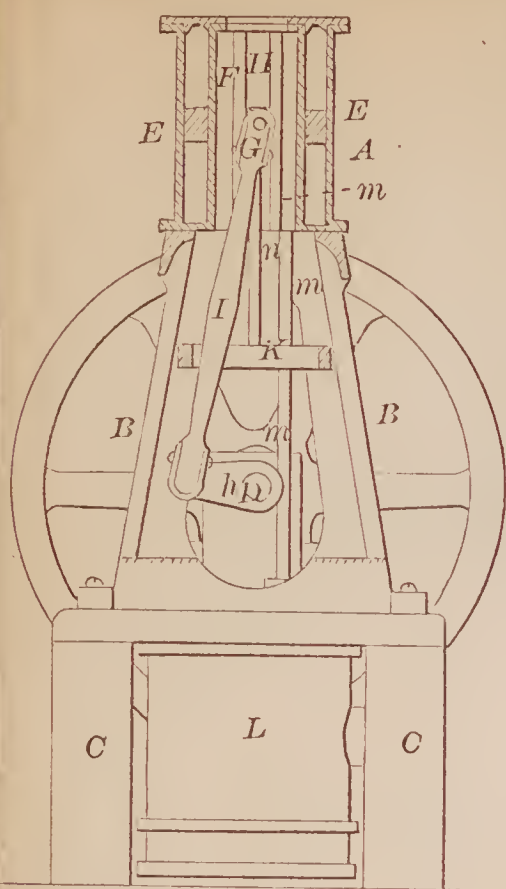


63272—D. Lyman—Clothes Wringer.

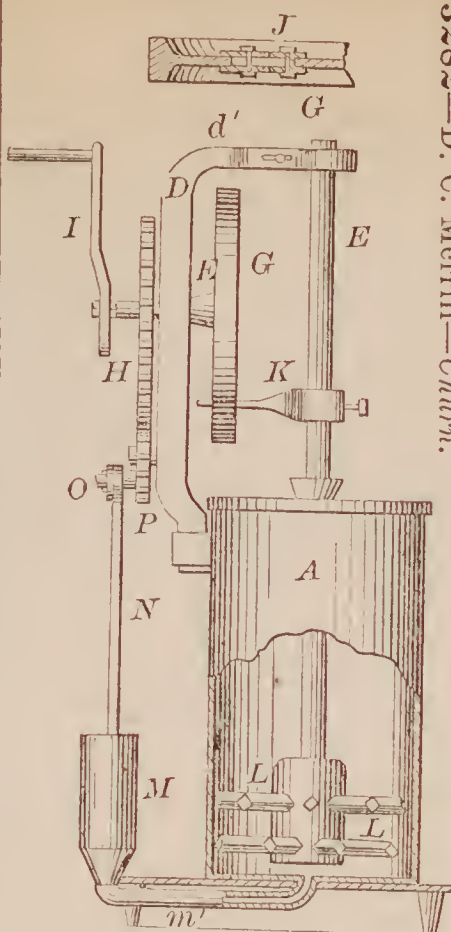


63274—J. A. Mac Kinnon—*Table Leaf Support.*63276—S. March—*Plow.*63279—H. Mellish—*For Making Fruit Baskets.*63277—A. McCarter—*Car*63278—J. A. McClain—*Swing.*63280—H. Mellish—*For Cutting Bottoms of Fruit Baskets.*63275—E. J. Manville—*Metal*
Case for Spring Bolts.

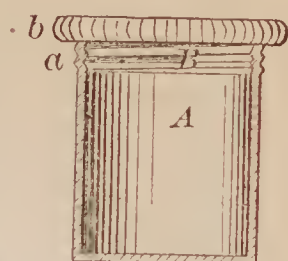
63281—J. V. Merrick—*Steam Engine.*



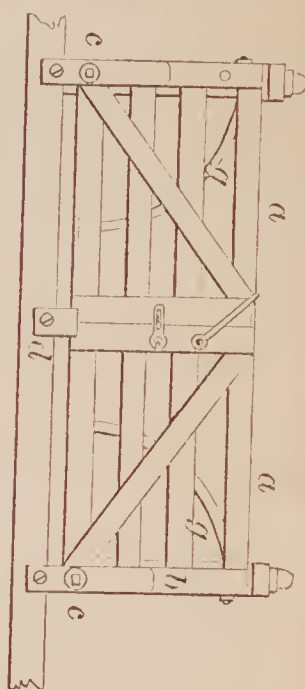
63282—D. C. Merrill—*Churn.*



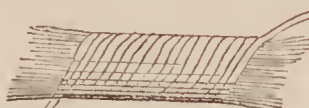
63283—H. Miller—*Paint Can.*



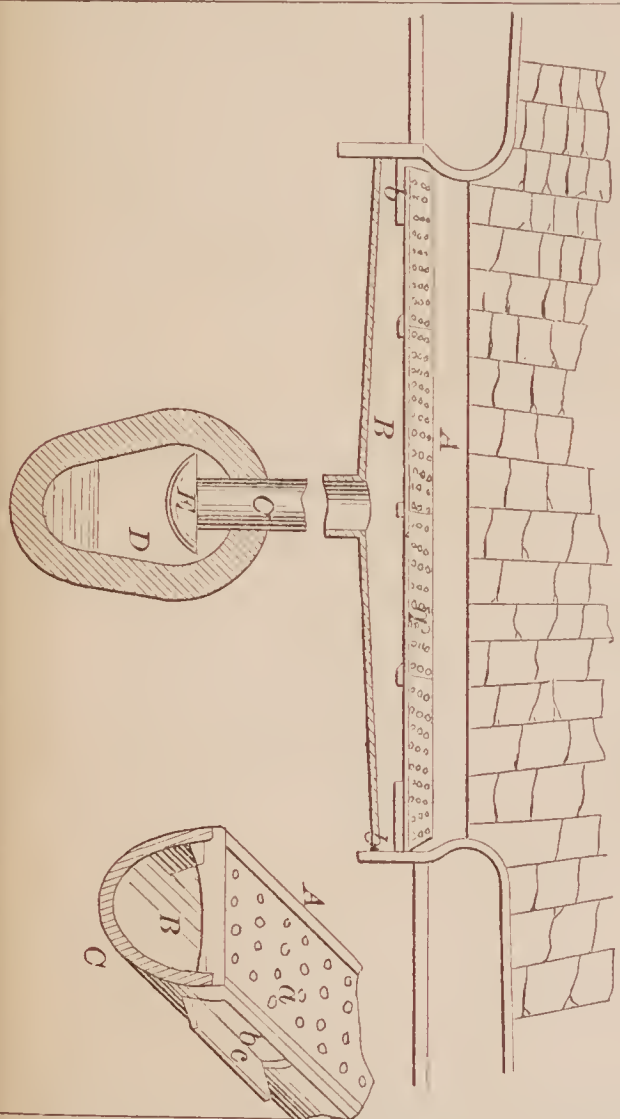
63288—D. S. Neal—*Farm Gate.*



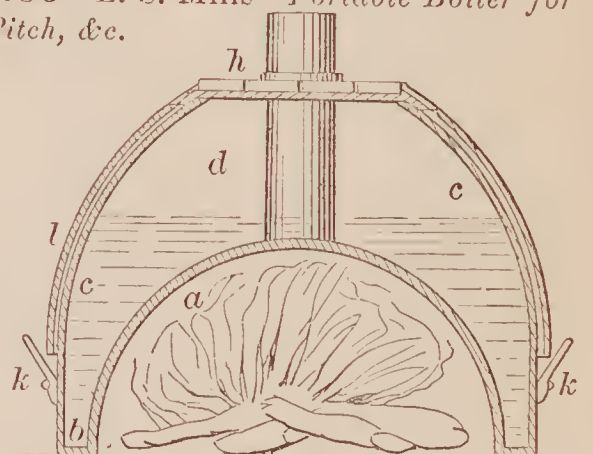
63285—W. H. Miller—*Piston Rod Packing.*



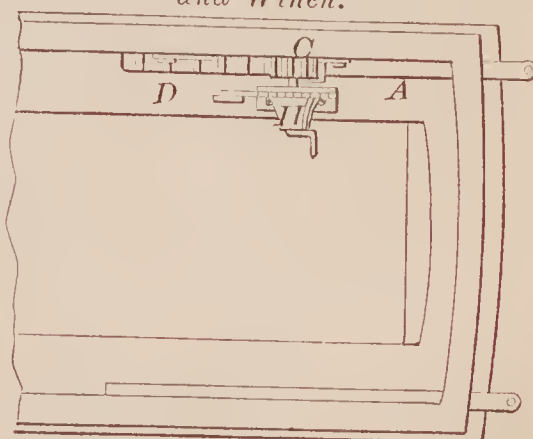
63284—J. A. Miller—*Street Crossing and Sewer Inlet.*



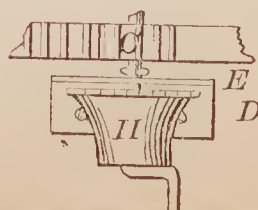
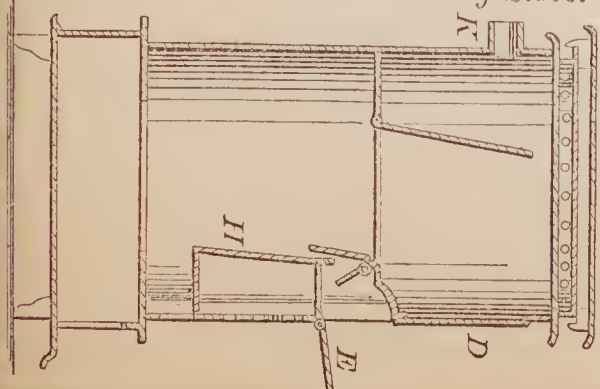
63286—L. S. Mills—*Portable Boiler for Pitch, &c.*

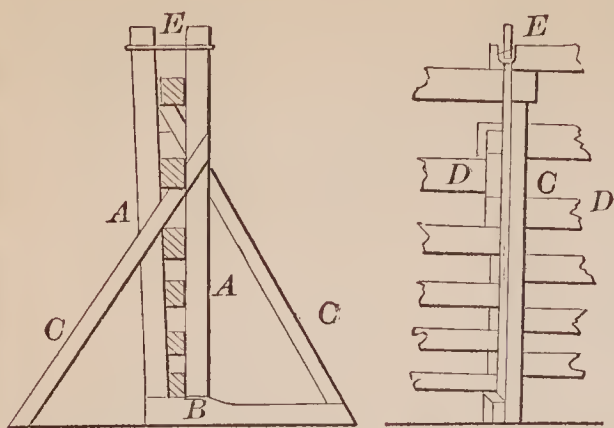
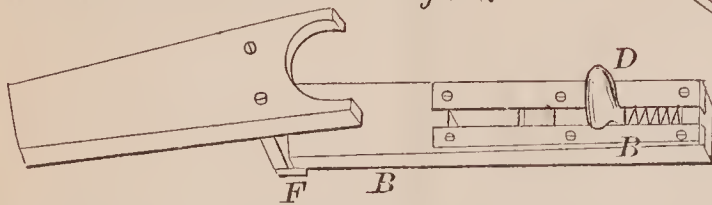
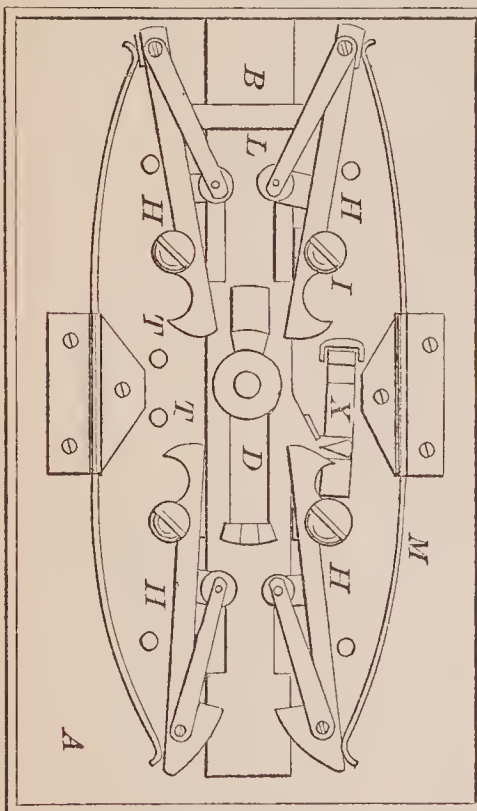
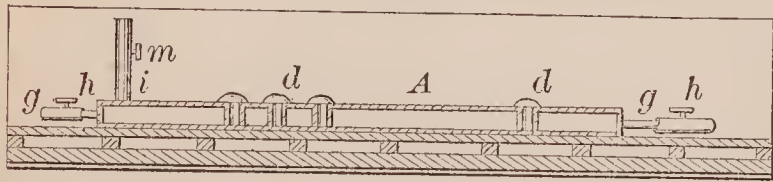
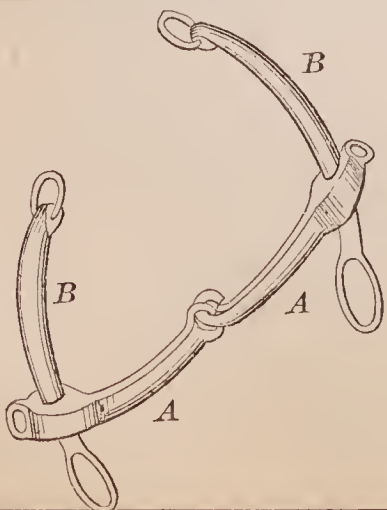
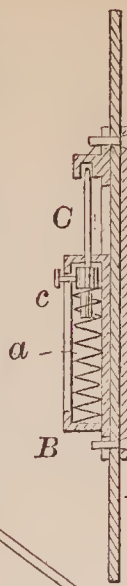
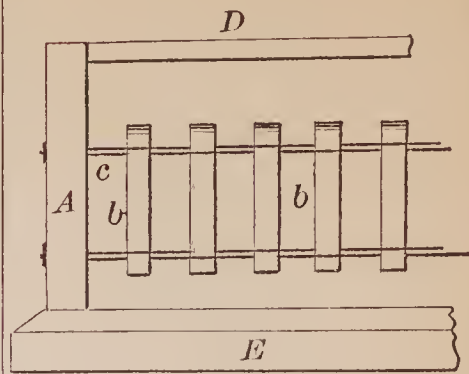
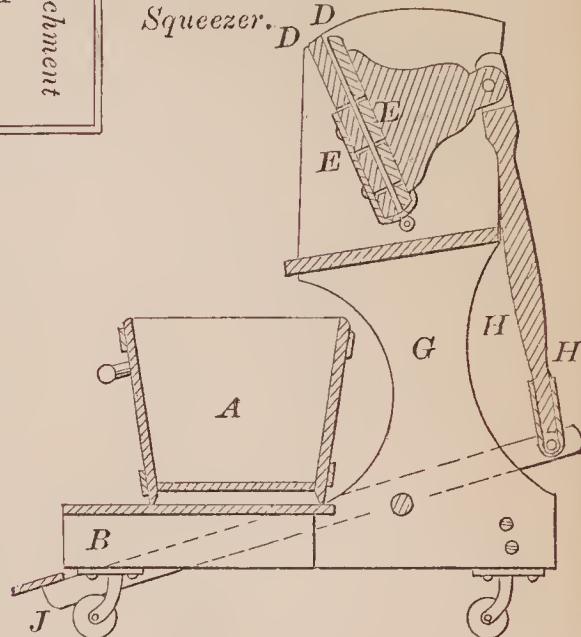
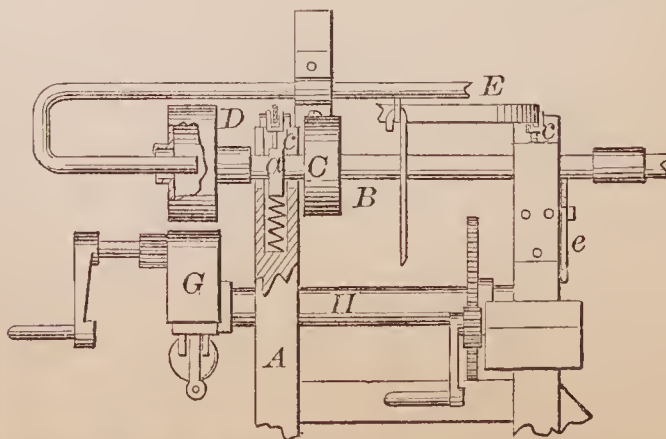
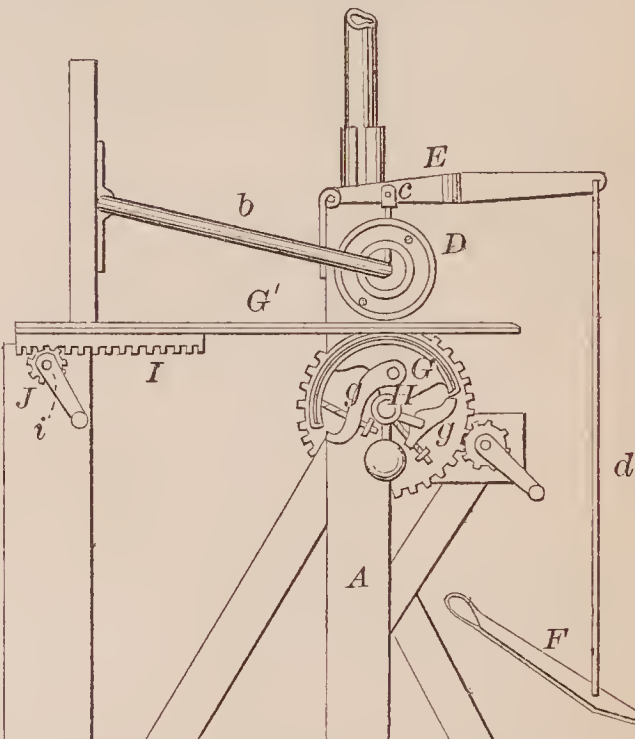


63289—D. P. Nickerson—*Ship's Davit and Winch.*

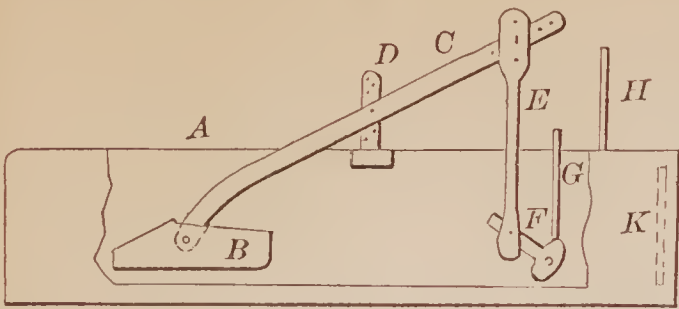


63287—G. R. Moore—*Heating Stove.*

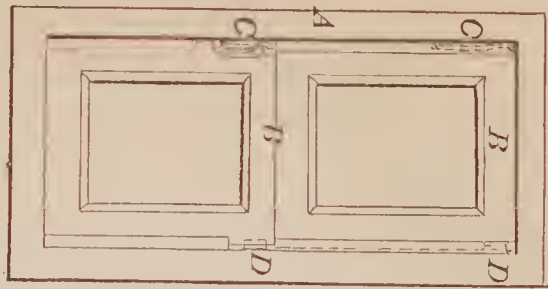


63290—A. W. Olds—*Field Fence.*63292—W. S. Peffer—*Bootjack.*63293—A. G. Polhameus—*Tank for Steamboat Timbers.*63295—Porter & Hallett—*Door Lock.*63297—J. C. Price—*Bridle Bit.*63291—S. B. Parker—*Safety Attachment for Pocket Books.*63296—A. W. Pratt—*Fence.*63294—E. N. Porter—*Mop Squeezer.*63301—P. O. Thayne—*Ironing Machine.*

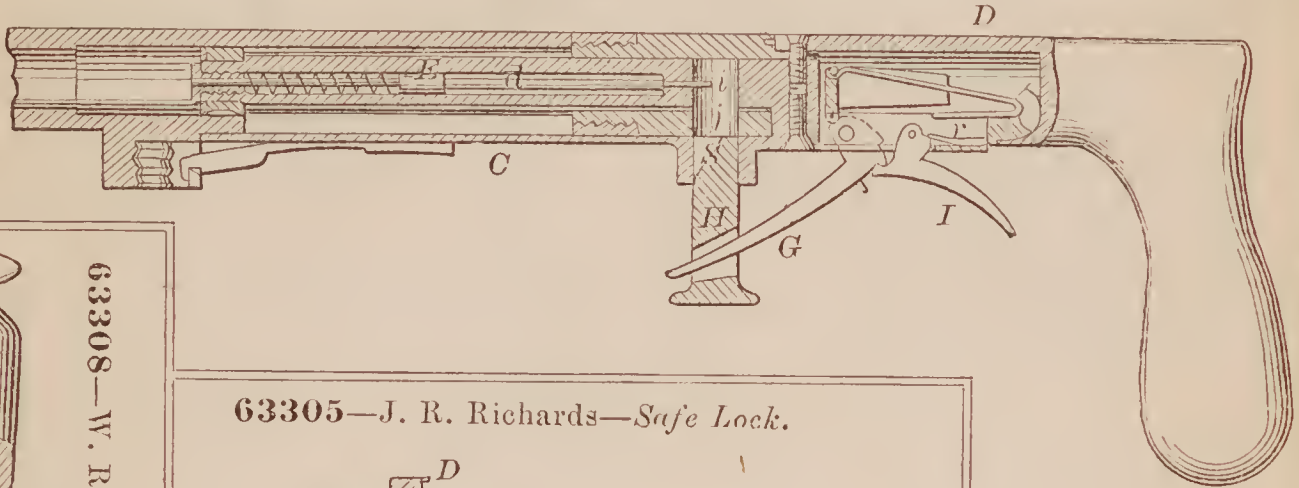
63302—H. Recher—*Water Gate.*



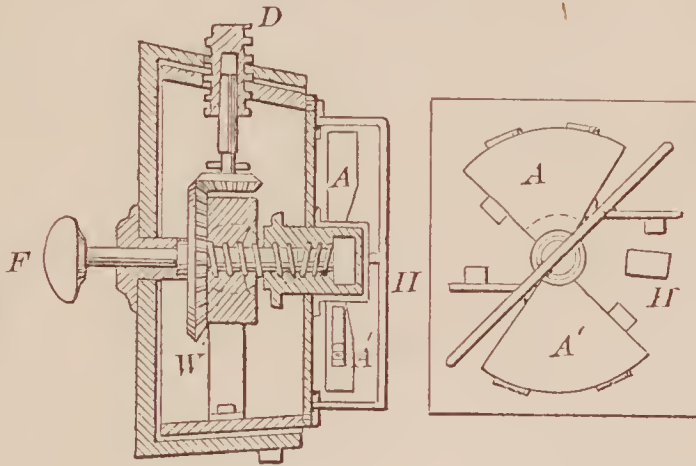
63306—O. M. Ridgway—*Sash Fastener.*



63303—T. Restell—*Breech-Loading Fire Arm.*



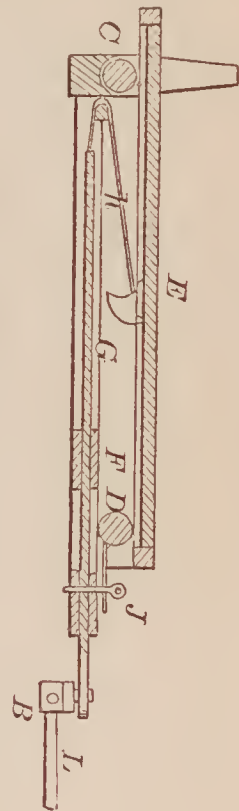
63305—J. R. Richards—*Safe Lock.*



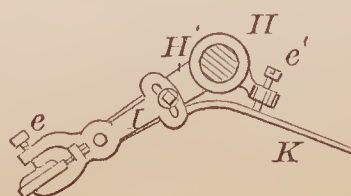
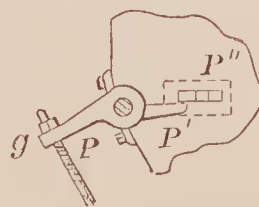
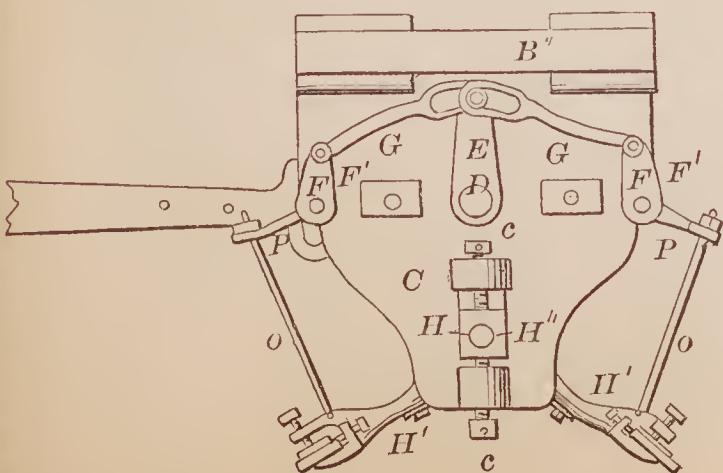
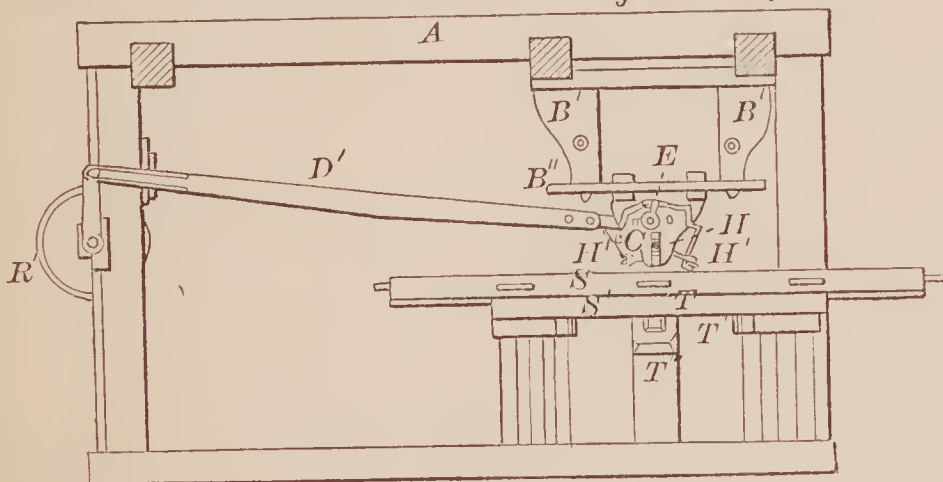
63308—W. Runte—*Tool Handle.*



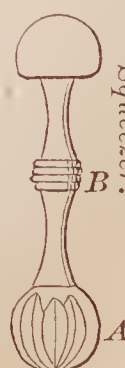
63309—B. Ryder, Jr.—*Wagon.*

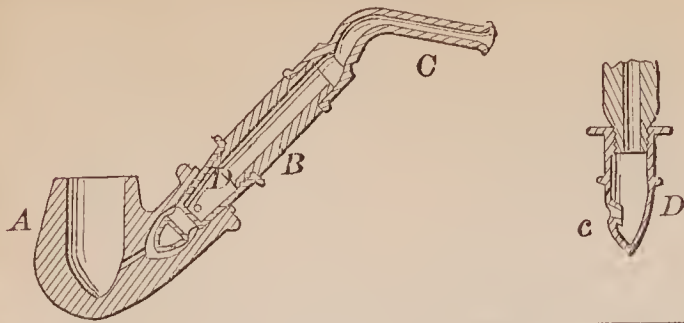
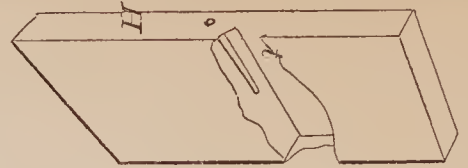
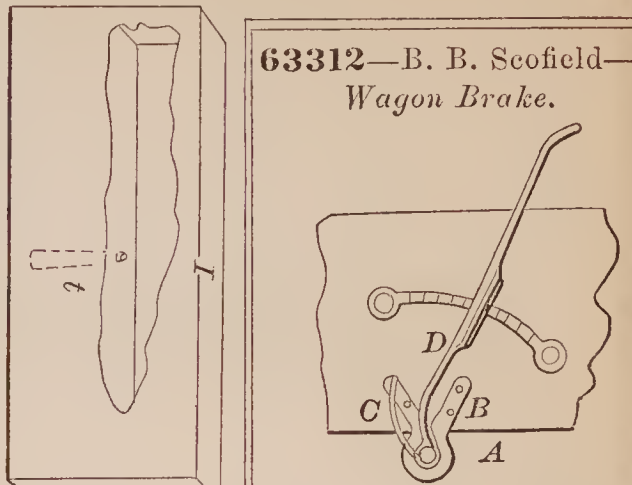
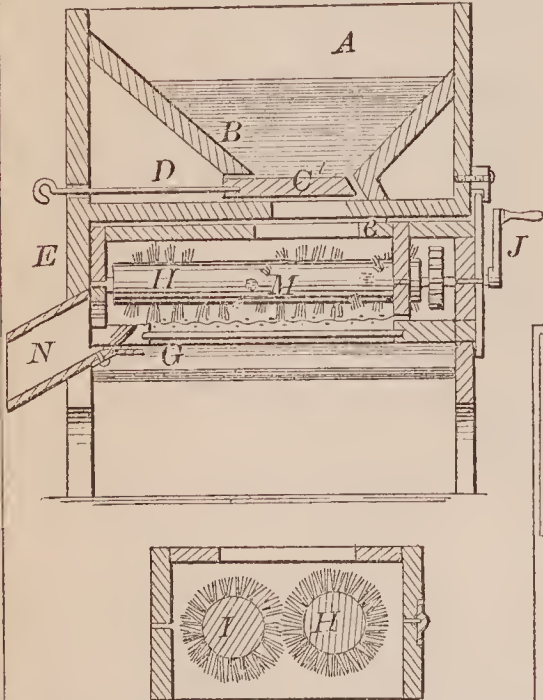
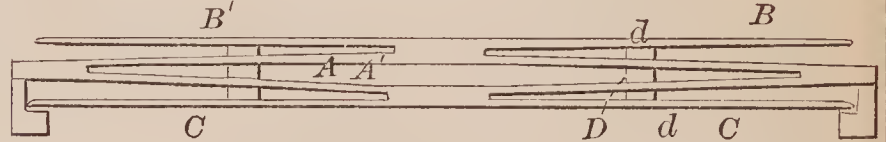
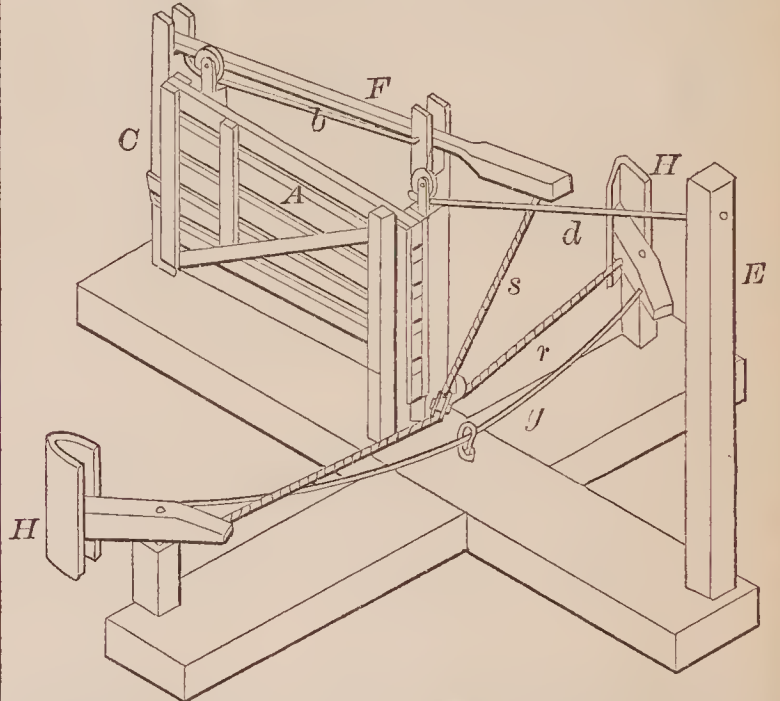
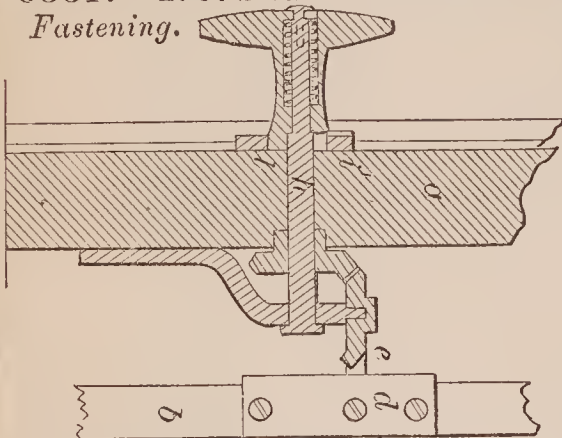
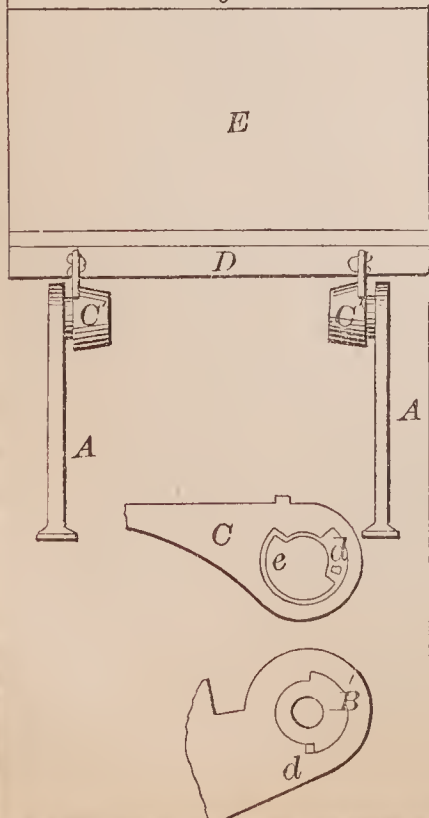
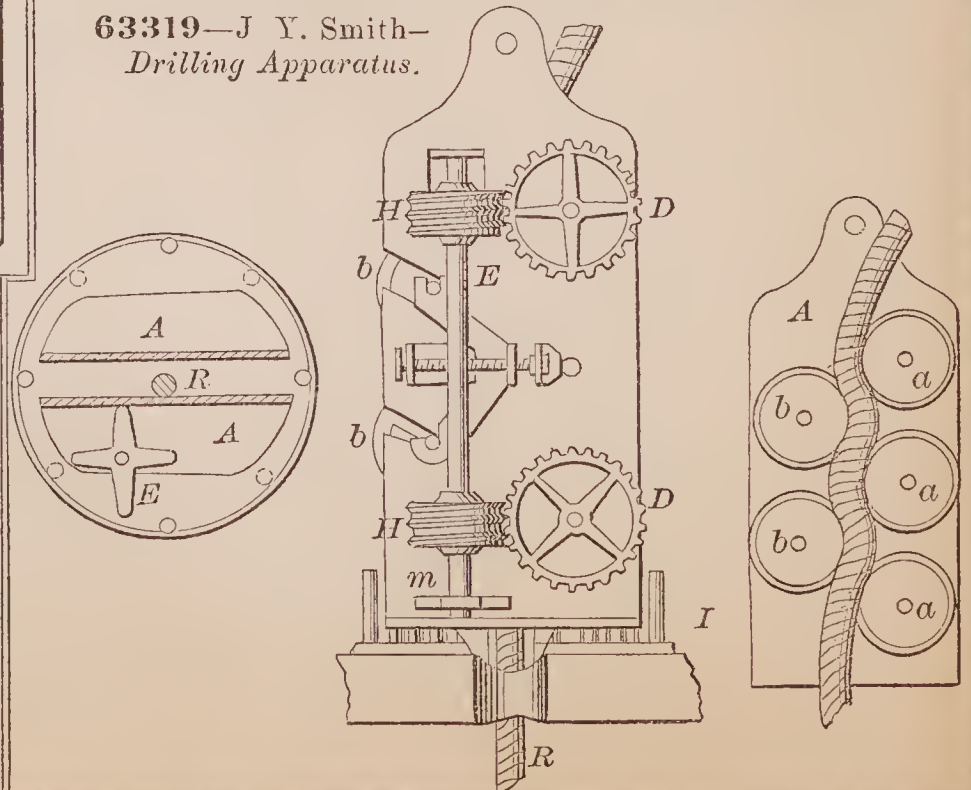


63307—A. W. Roberts—*Leather Scouring Machine.*

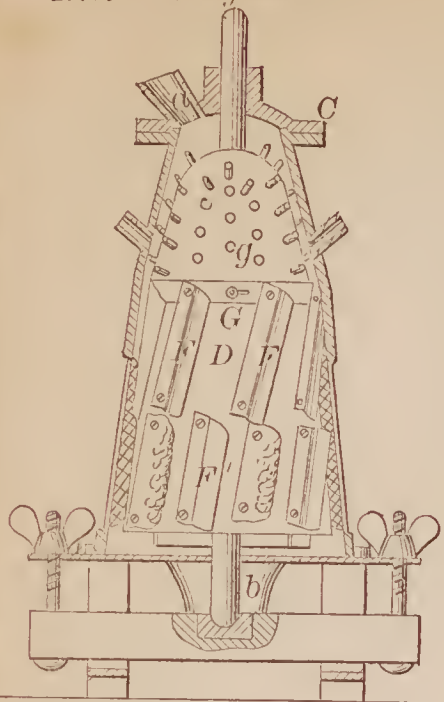


63304—A. J. T. Reuter—*Lemon Squeezer.*

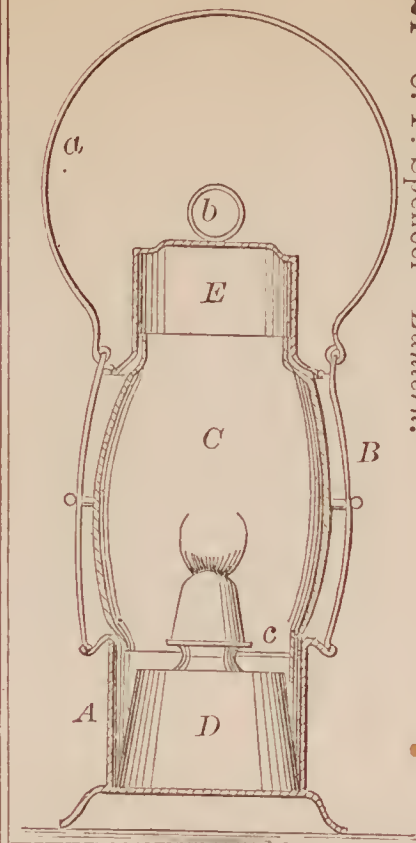


63310—L. Saarbach—*Tobacco Pipe.*63311—R. S. Sanborn—*Fireproof Safe.*63312—B. B. Scofield—*Wagon Brake.*63316—J. A. Sinclair—*Flour Sifter.*63313—H. G. Seekins—*Bed Bottom Spring.*63318—A. C. Smith—*Self-Acting Gate.*63317—T. J. Sloan—*Window Blind Fastening.*63315—C. W. Sherwood—*Folding Seat.*63319—J. Y. Smith—*Drilling Apparatus.*

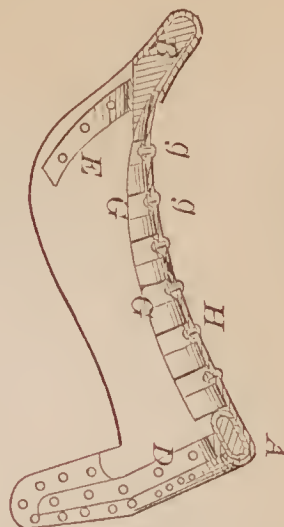
63320—D. H. Southworth—*Rice Hulling Machine.*



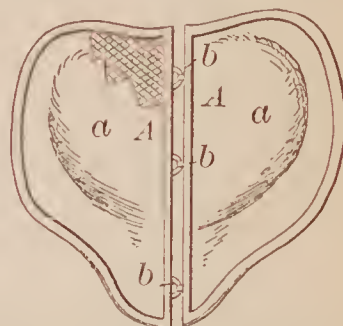
63321—C. F. Spencer—*Lantern.*



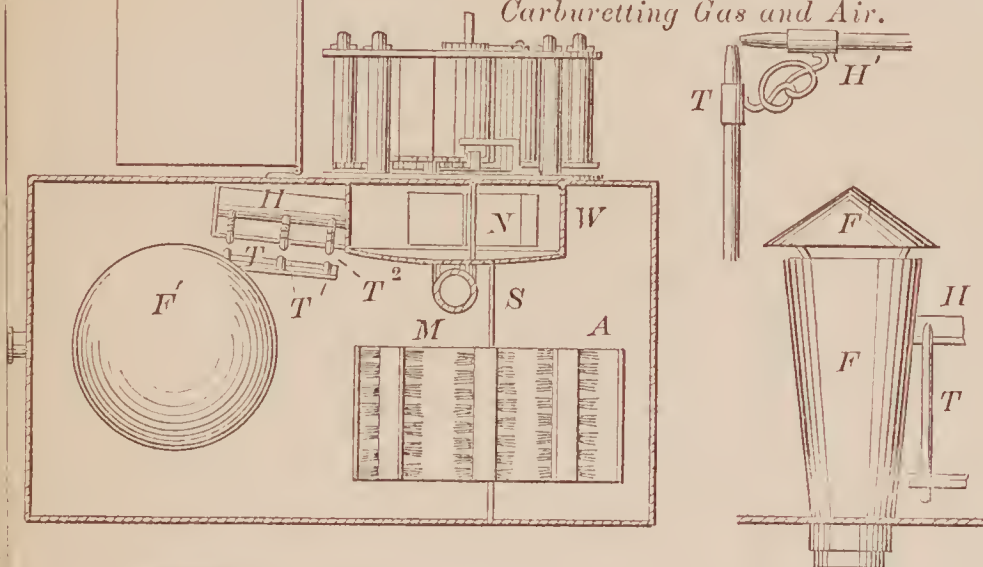
63322—S. S. Spurgin—*Riding Saddle.*



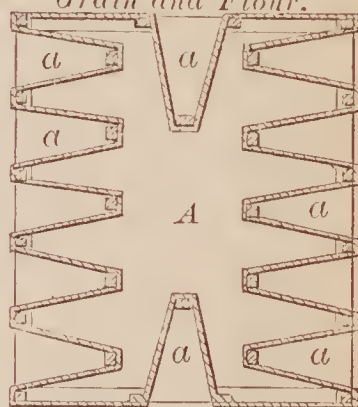
63323—Stadermann & Sauerbier—*Breast Protector.*



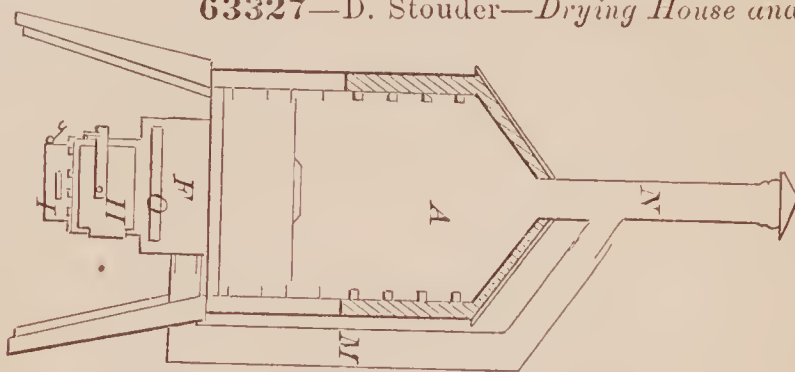
63326—J. S. Stephenson—*For Carburetting Gas and Air.*



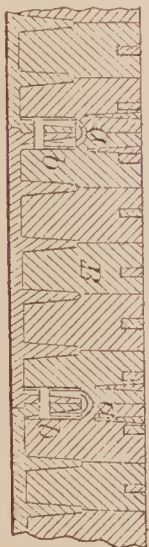
63325—H. Stanley—*Reservoir for Cooling Grain and Flour.*



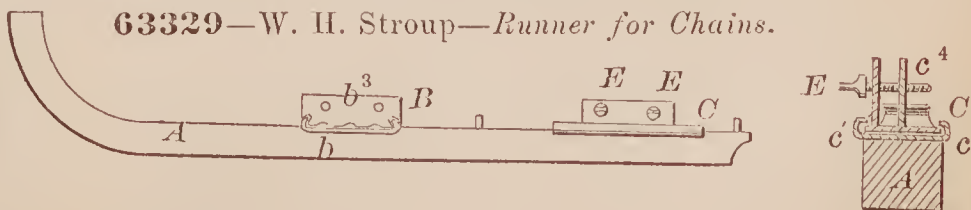
63327—D. Stouder—*Drying House and Oven.*



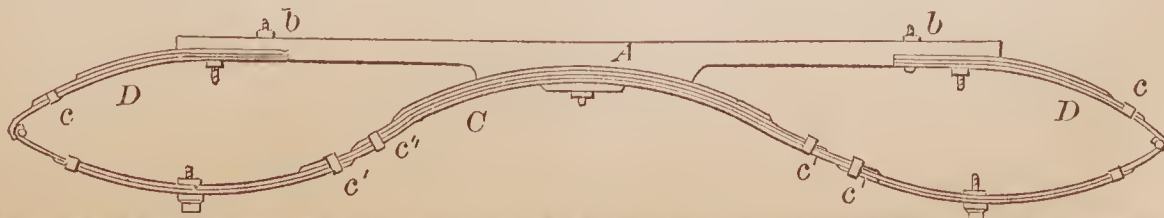
63324—C. W. Stafford—*Pavement.*

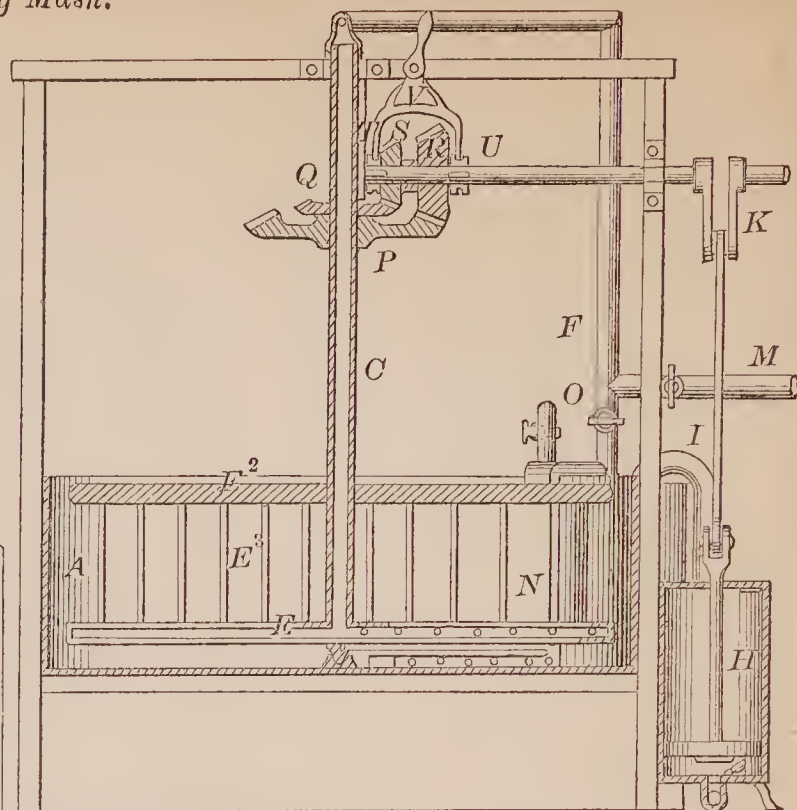
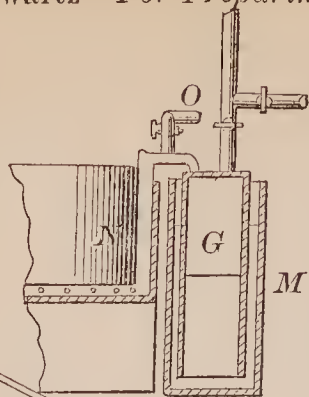
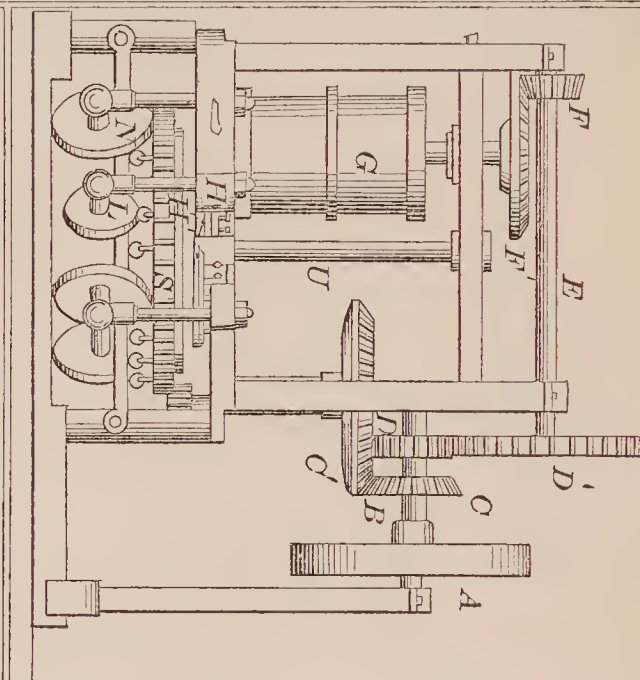
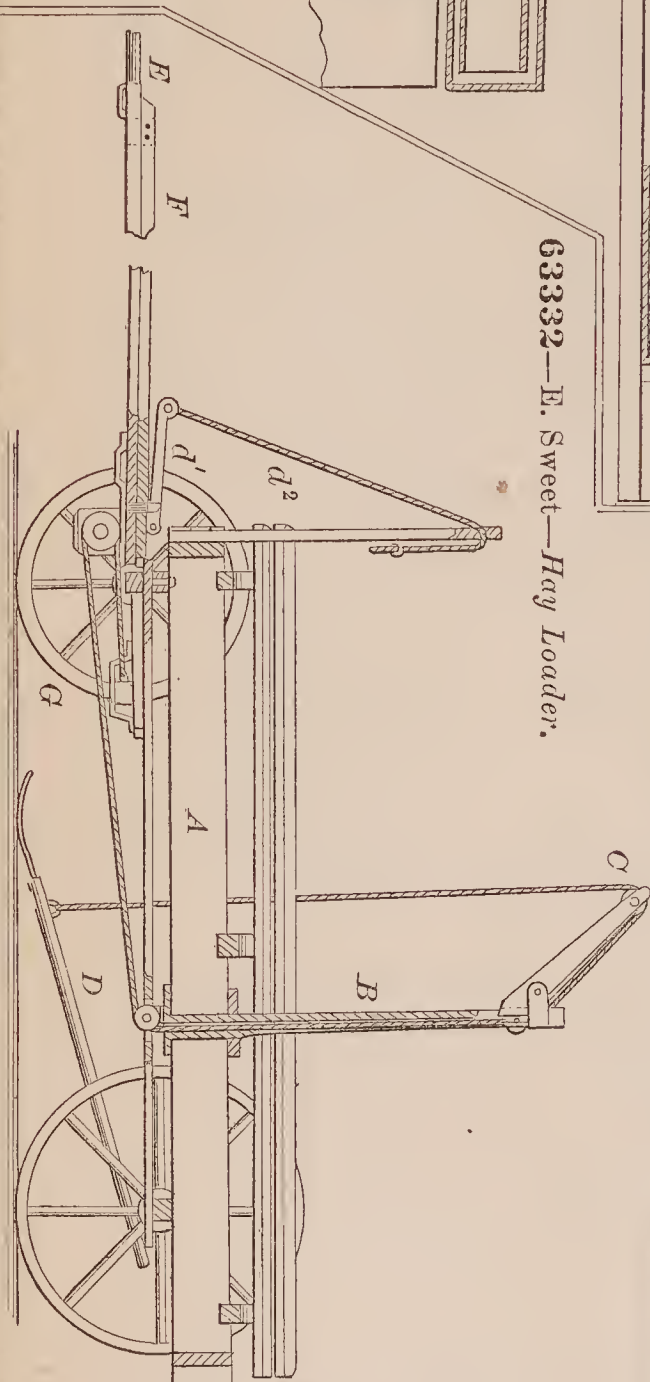
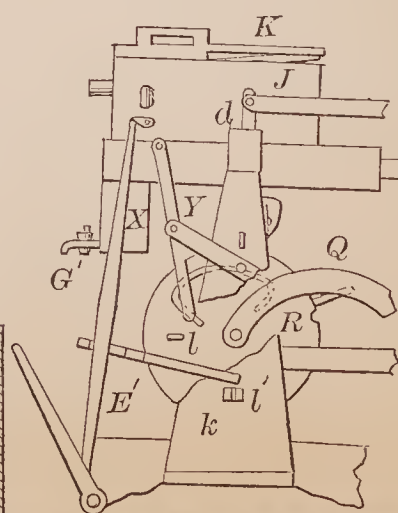
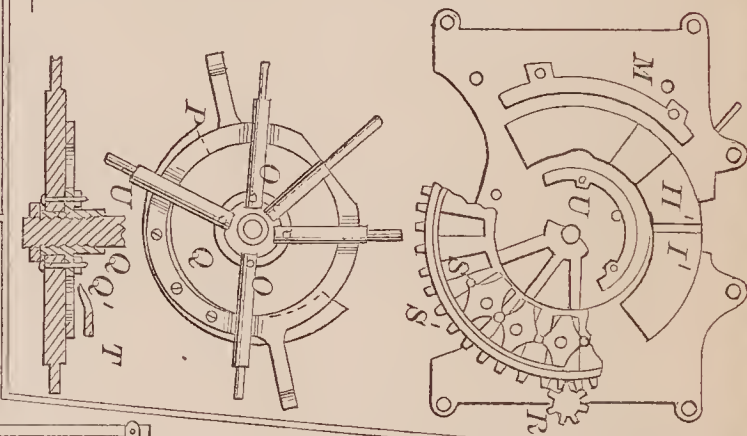
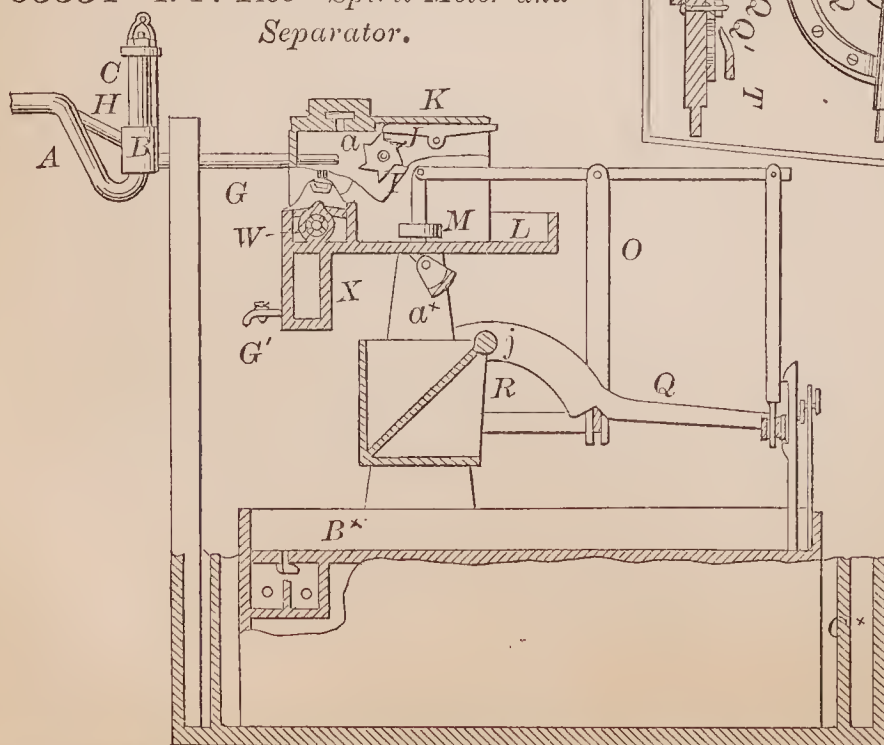


63329—W. H. Stroup—*Runner for Chains.*

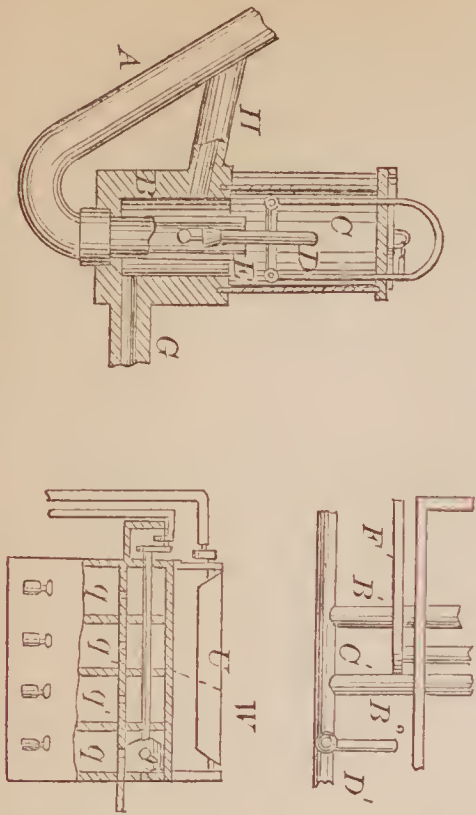


63330—J. B. Stuart—*Vehicle Spring.*

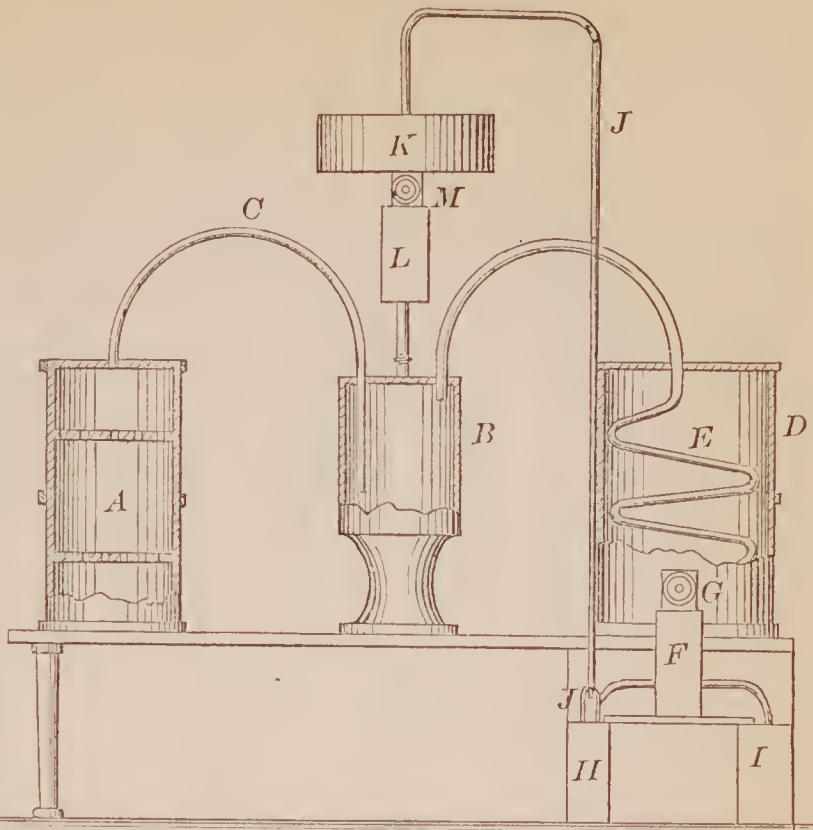


63331—A. S. Swartz—*For Preparing Mash.*63332—E. Sweet—*Hay Loader.*63333—P. L. Sword—*Brick Machine.*63334—I. P. Tice—*Spirit Meter and Separator.*

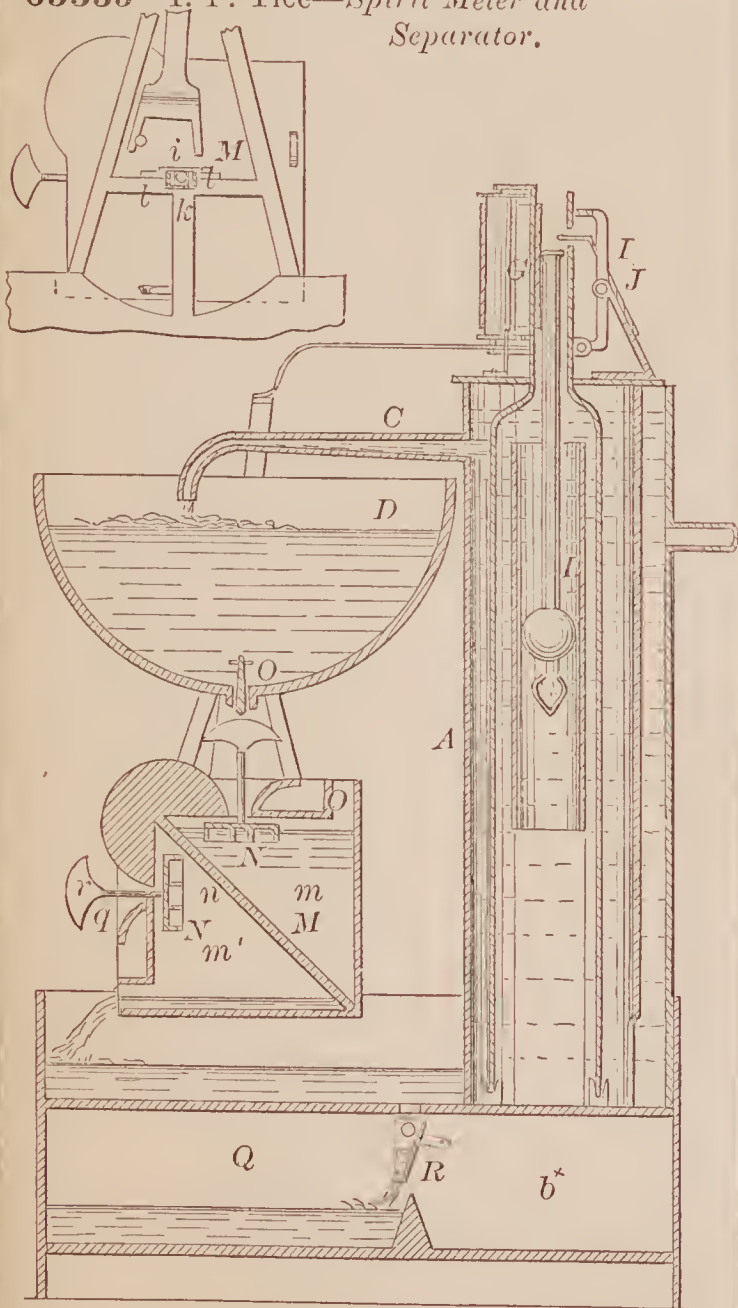
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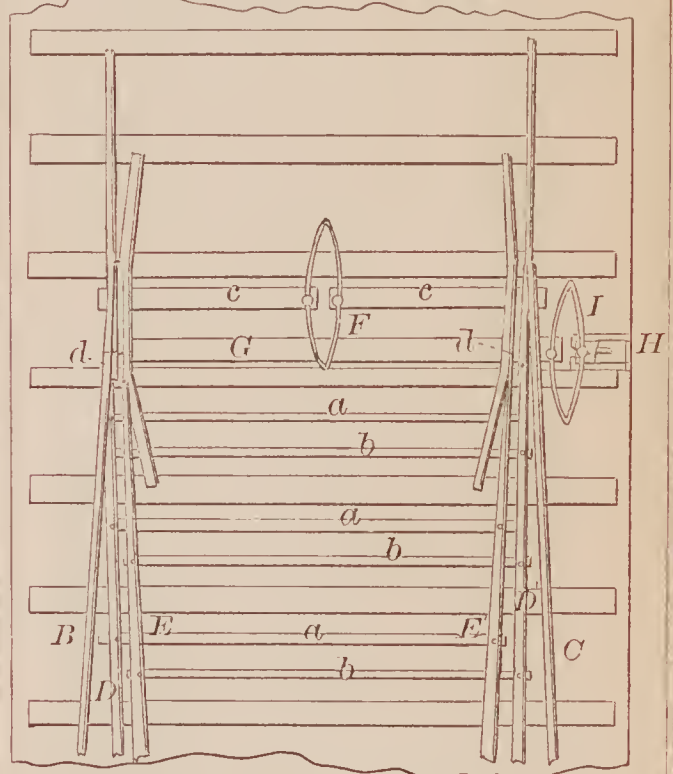
63336—I. P. Tice—Meter Attachment for Stills.



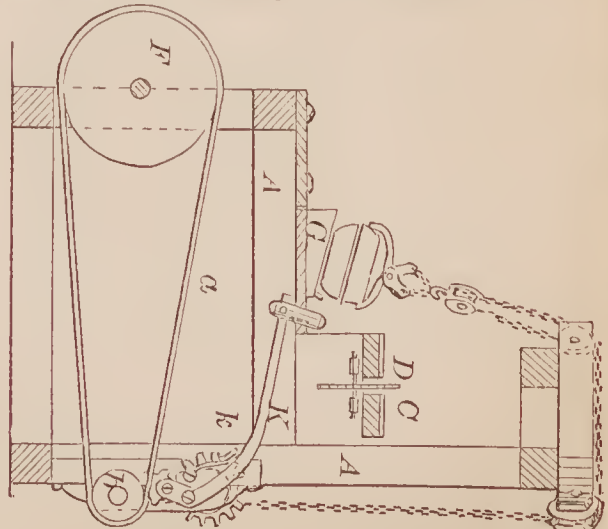
63335—I. P. Tice—Spirit Meter and Separator.



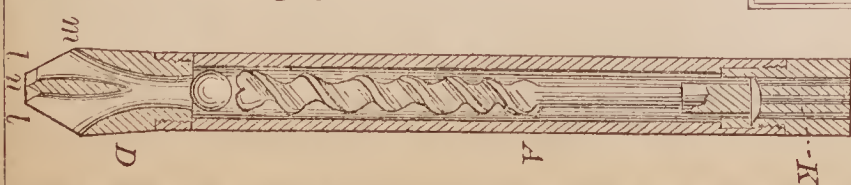
63337—J. Tillinghast—^d Railway Switch: ^D ^a



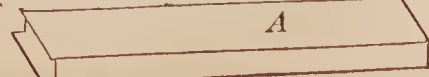
63340—J. Tracy—Saw Mill.



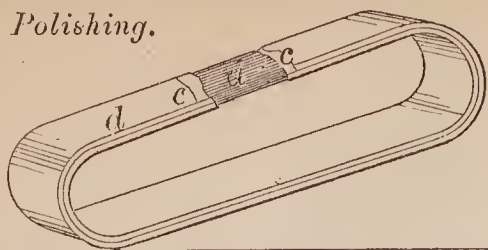
63338—W. Tingley—Well Drill.



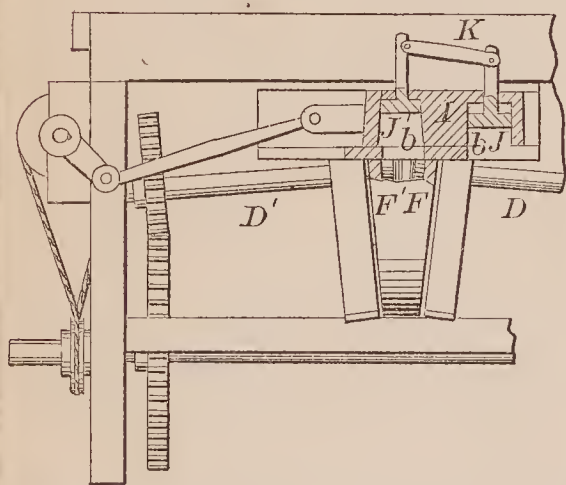
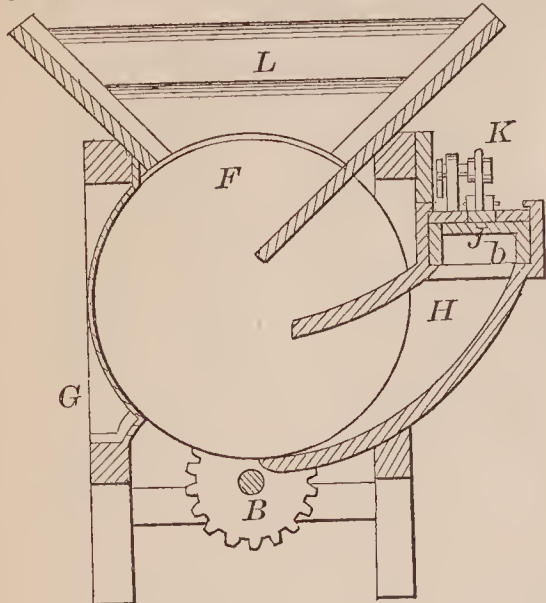
63339—S. P. Townsend—Manufacture of Railroad Ties, Bridges, &c., of Galvanized Iron.



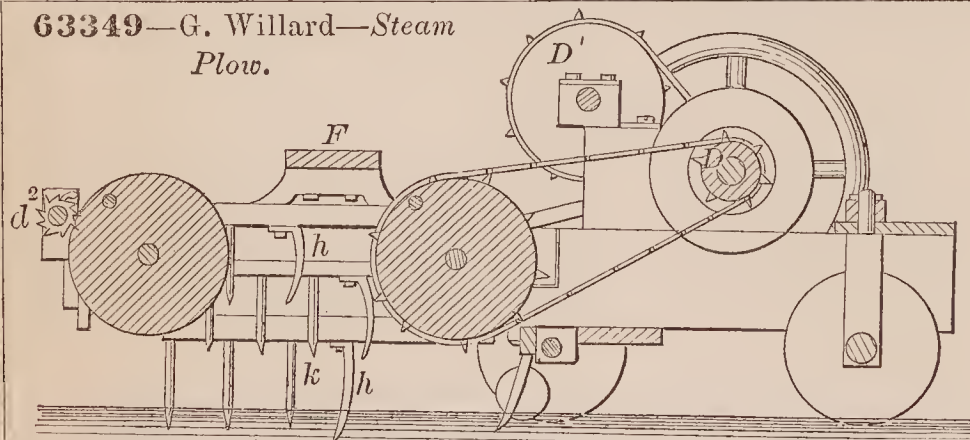
63341—J. A. Traut—*Endless Belt for Polishing.*



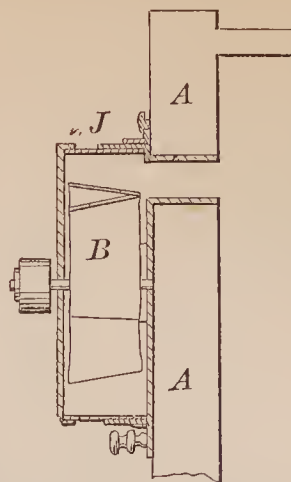
63342—T. J. Wells—*Peat Machine.*



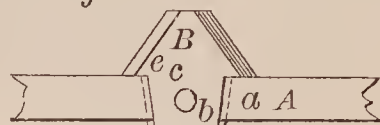
63349—G. Willard—*Steam Plow.*



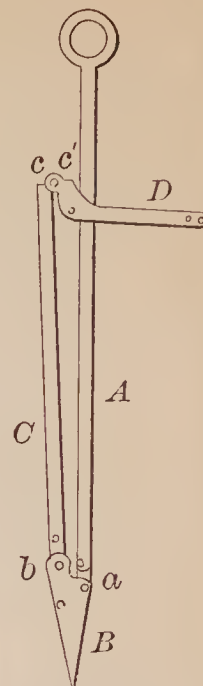
63343—A. Westcott—*Fan Wheel Blower.*



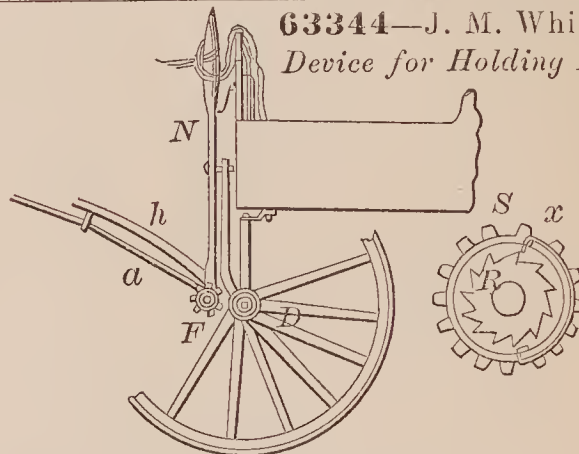
63350—C. S. Williamson—*Securing Cutters to Sickle Bars.*



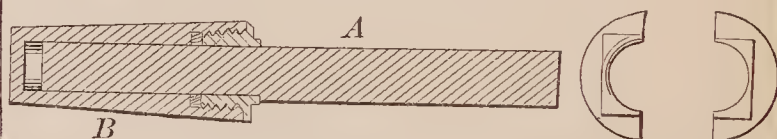
63345—Wicke & Evans—*Horse Hay Fork.*



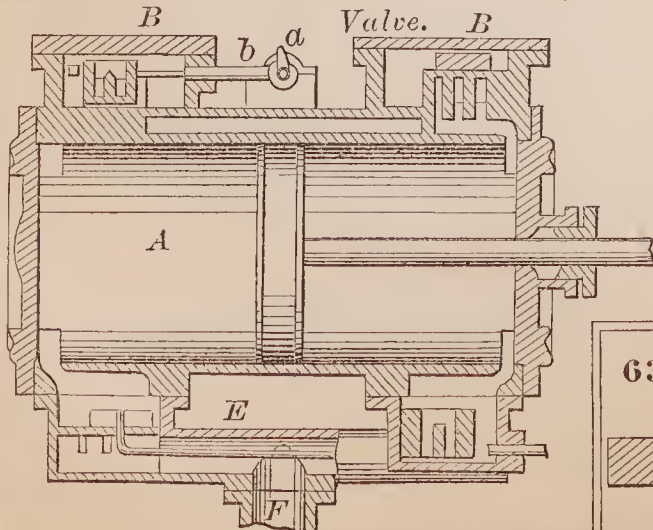
63344—J. M. Whiting—*Device for Holding Horses.*



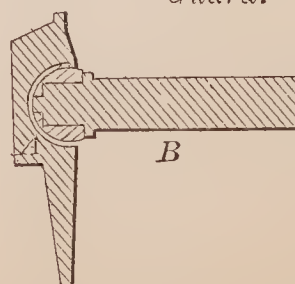
63348—J. W. Wilkie—*Axletree.*



63351—J. A. Woodbury—*Steam Engine Valve.*



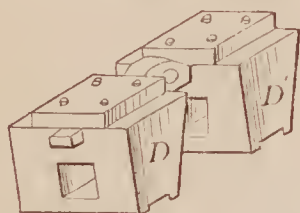
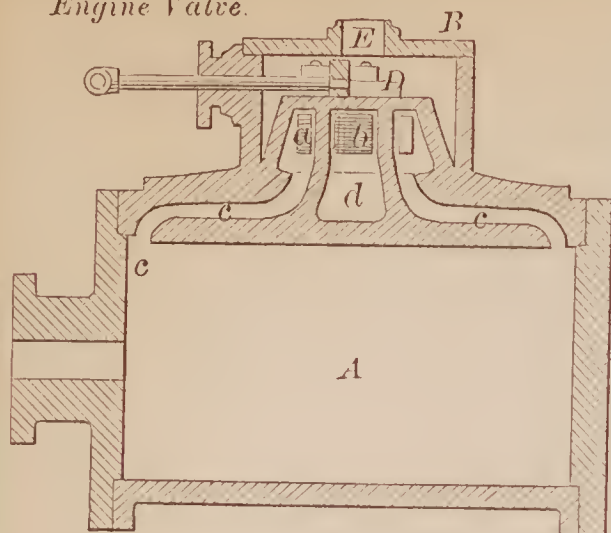
63346—Wiggin & Crosby—*Heel Shaving Guard.*



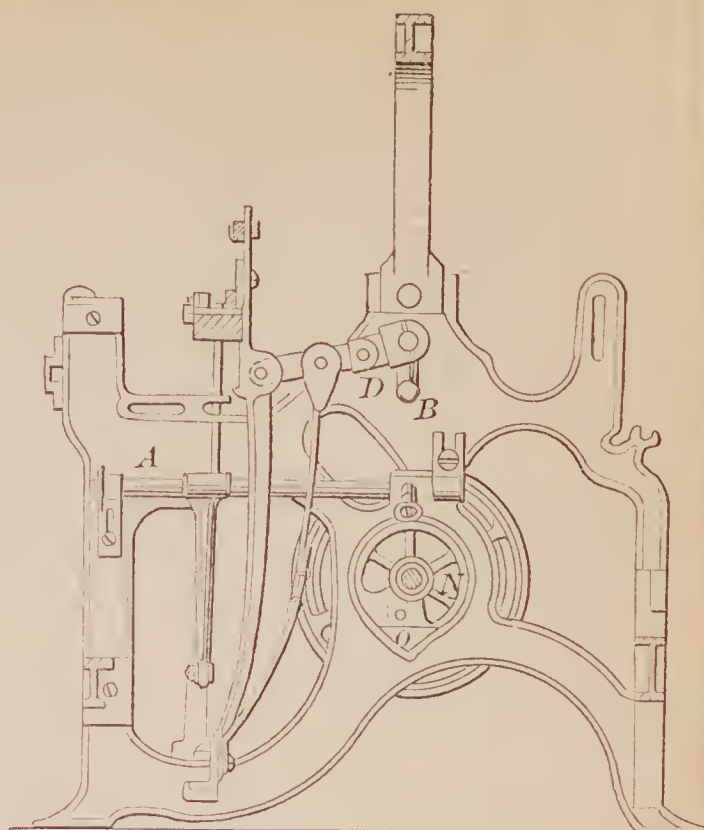
63347—J. W. Wilkie—*Axletree.*



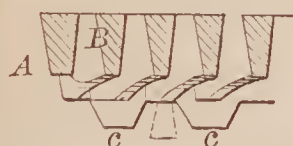
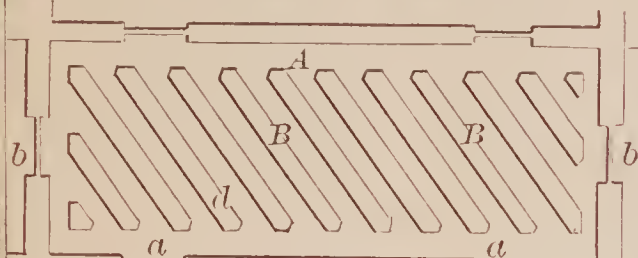
63352—J. A. Woodbury—*Steam Engine Valve.*



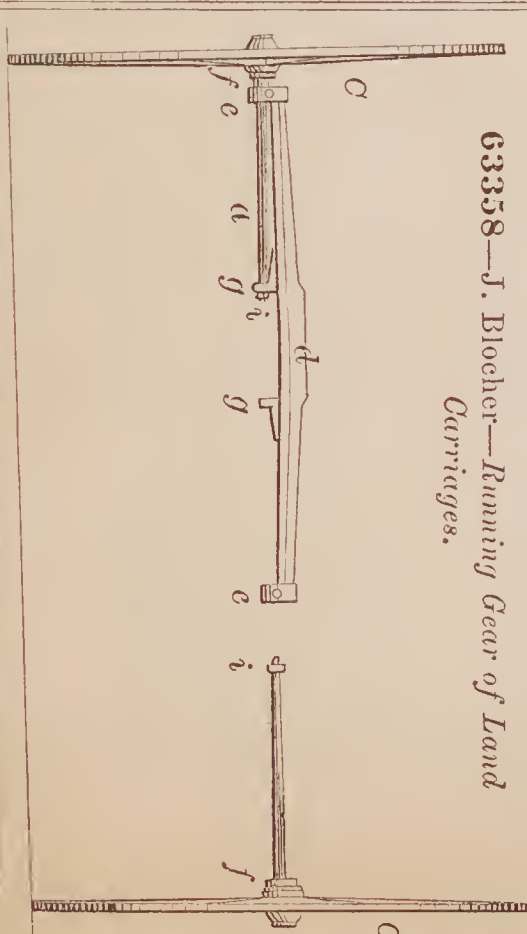
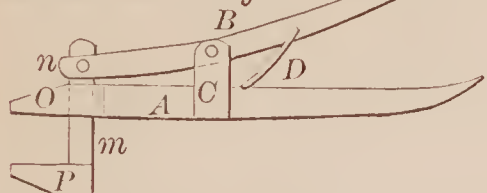
63353—C. Zwicky—*Loom.*



63354—H. Adams—*Furnace Grate.*

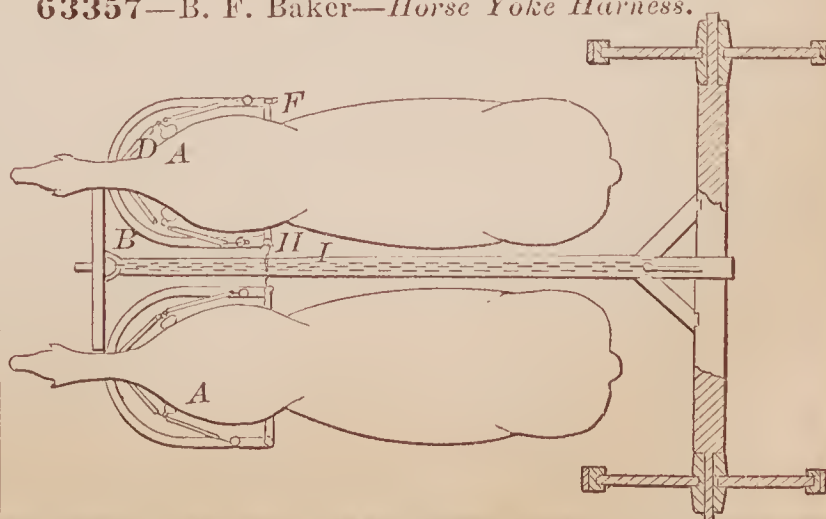


63356—J. N. Arvin—*Wrench and Tongs.*

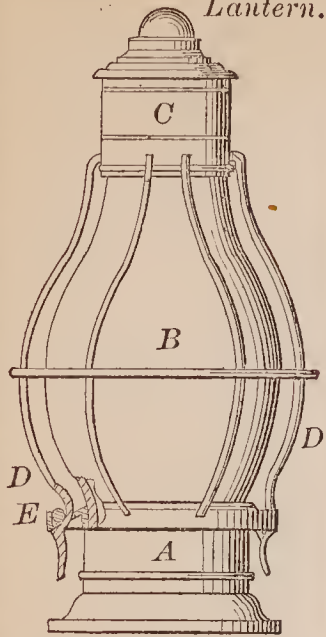


63358—J. Blocher—*Running Gear of Land Carriages.*

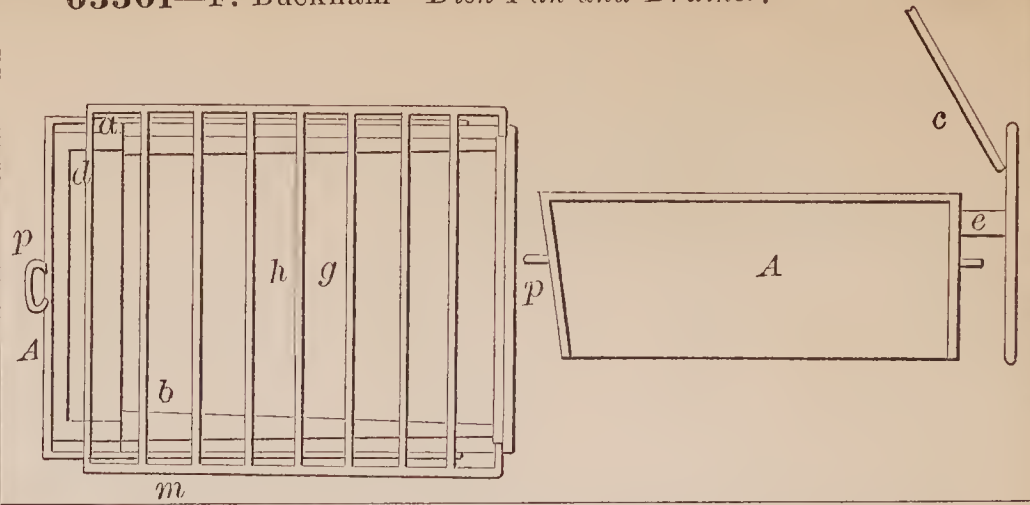
63357—B. F. Baker—*Horse Yoke Harness.*



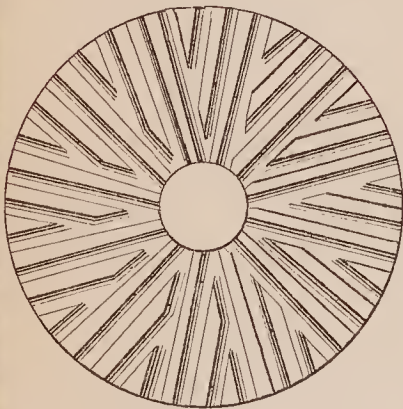
63359—E. Boorse—*Lantern.*



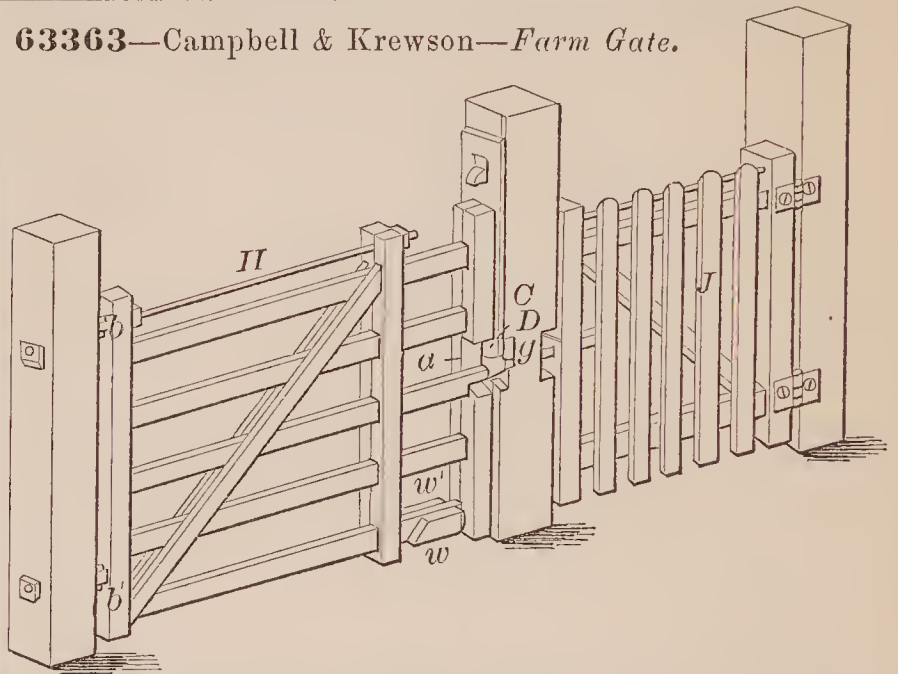
63361—F. Bucknam—*Dish Pan and Drainer.*



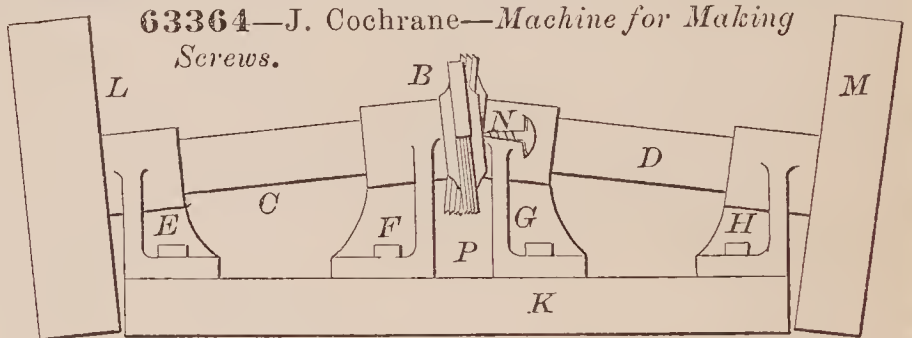
63360—D. Bowman—*Mill Stone Dress.*



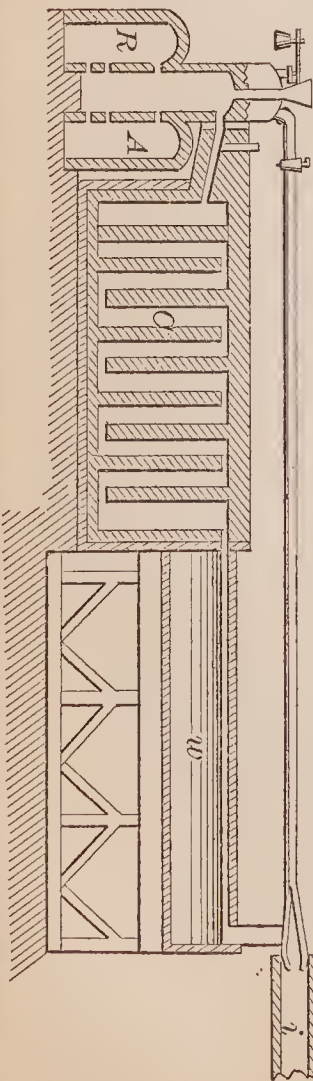
63363—Campbell & Krewson—*Farm Gate.*



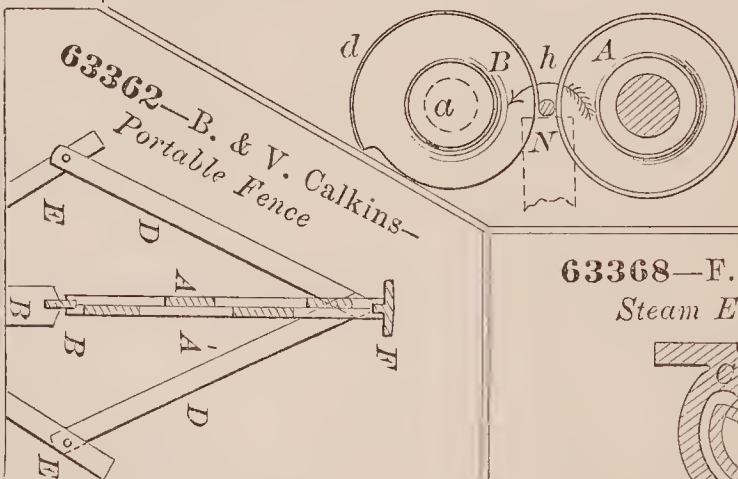
63364—J. Cochrane—*Machine for Making Screws.*



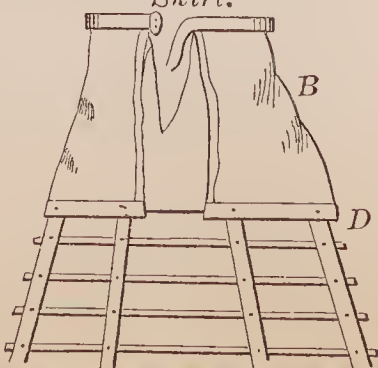
63365—J. C. Coult—*For Concentrating and Condensing Volatile Metallic Substances.*



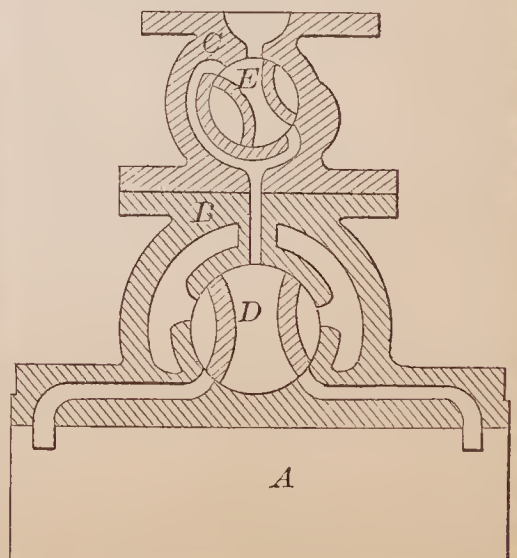
63362—B. & V. Calkins—*Portable Fence.*



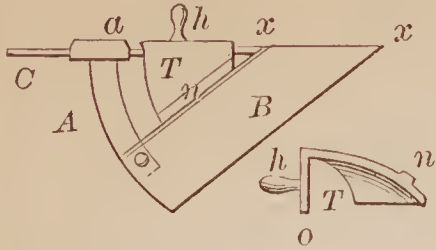
63366—C. Daniels—*Hoop Skirt.*



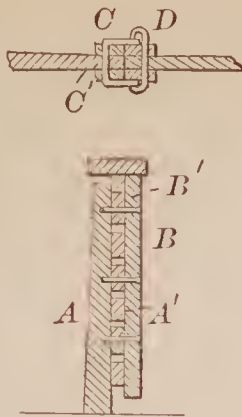
63368—F. W. Davidson—*Steam Engine Valve.*



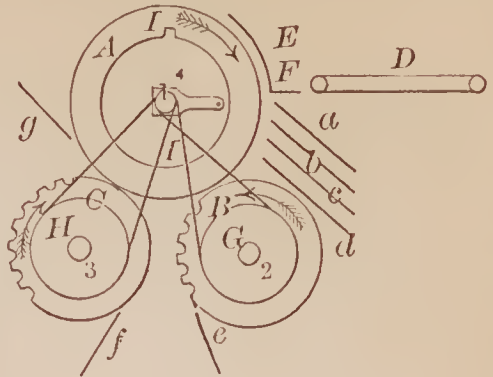
63369—J. Deere—*Making Plows.*



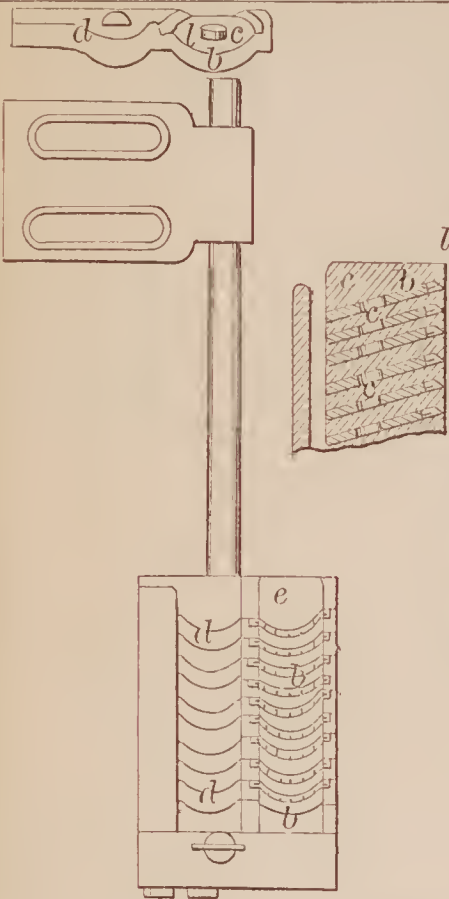
63370—D. A. Denison—*Gate.*



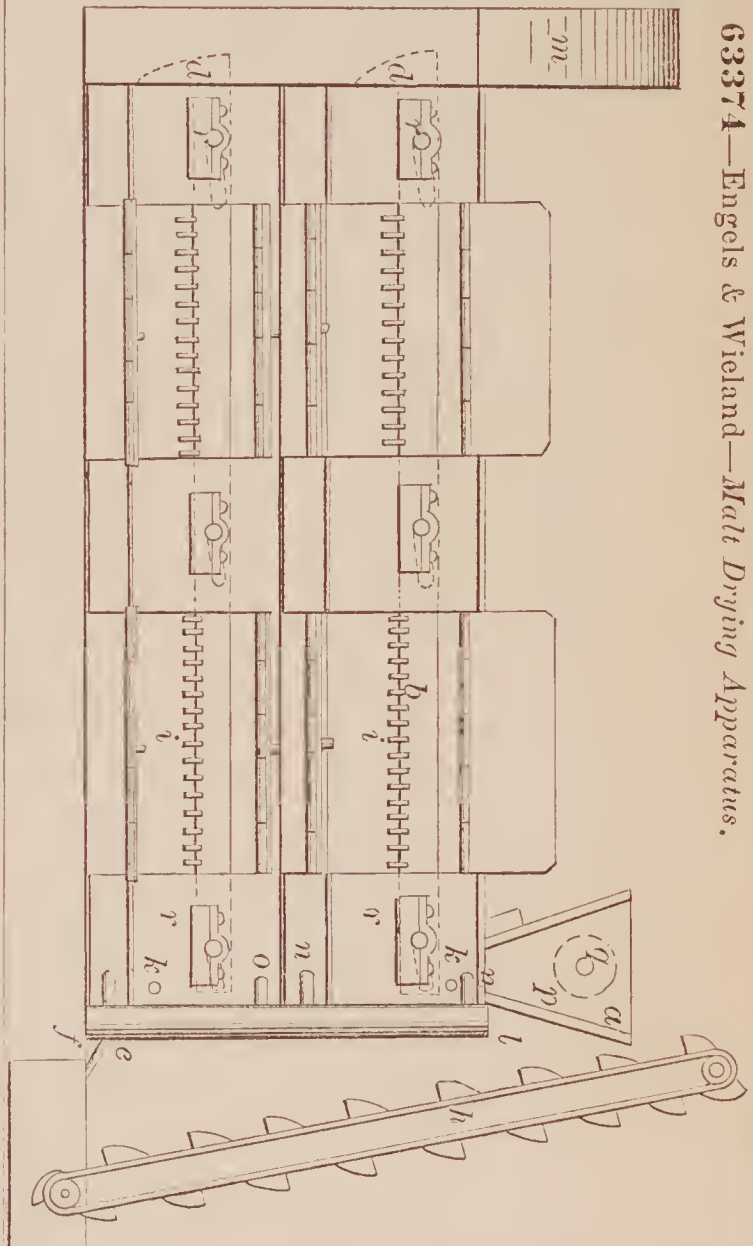
63373—A. B. Ely—*For Separating Fibrous Substances from Seed.*



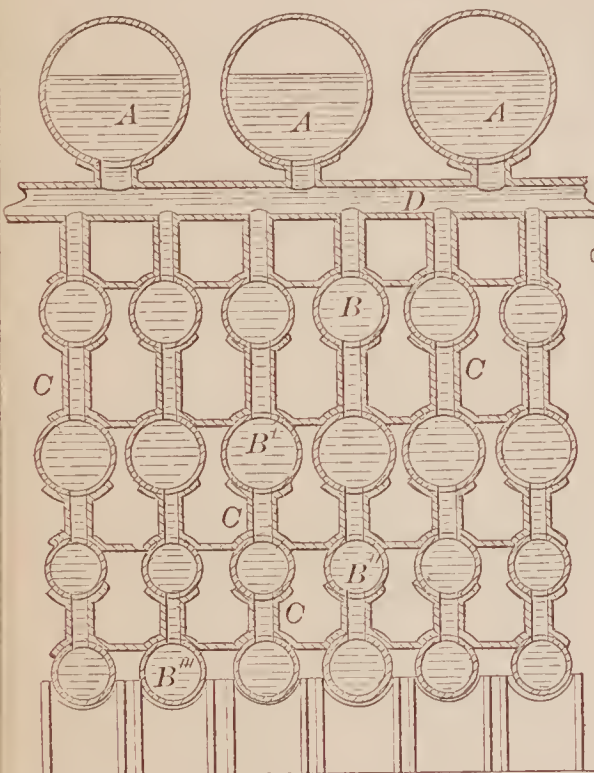
63372—W. W. Dutcher—*Loom Temple.*



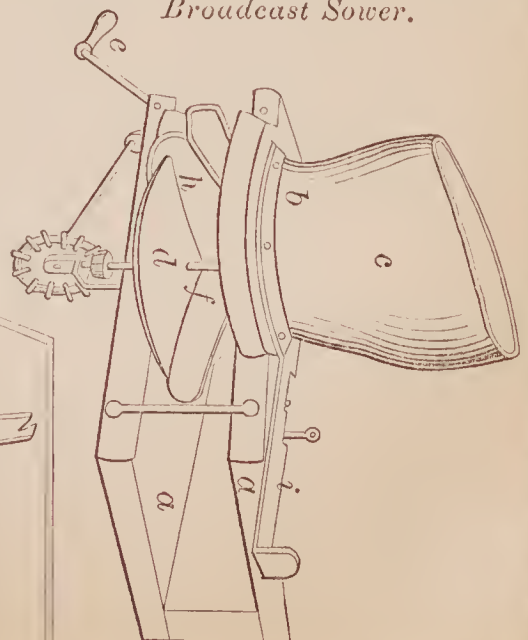
63374—Engels & Wieland—*Male Drying Apparatus.*



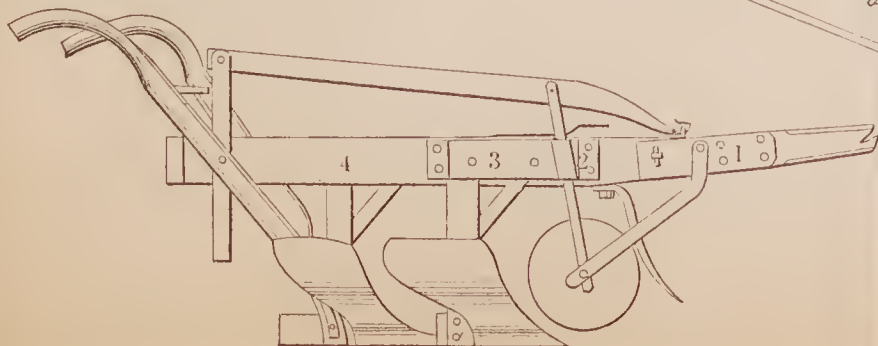
63375—L. Fagin—*Steam Generator.*

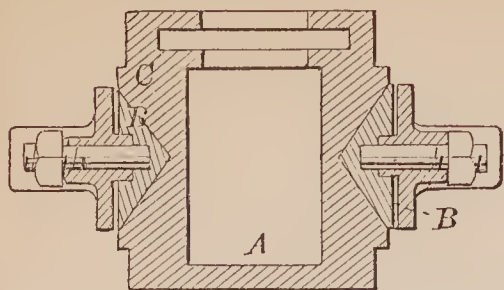
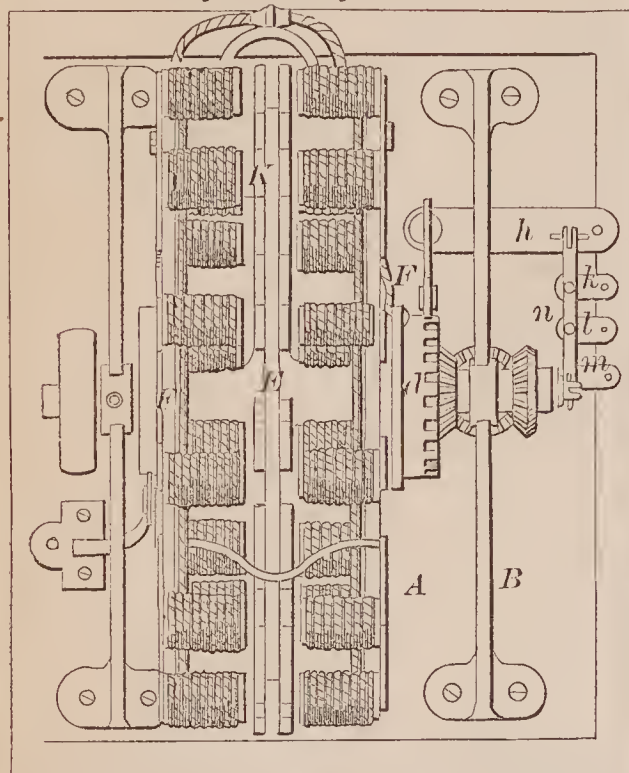
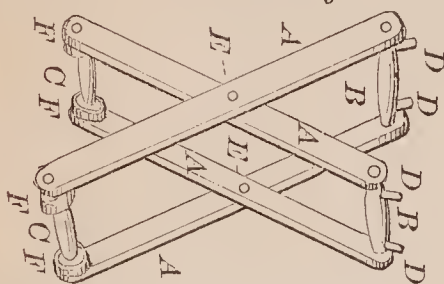
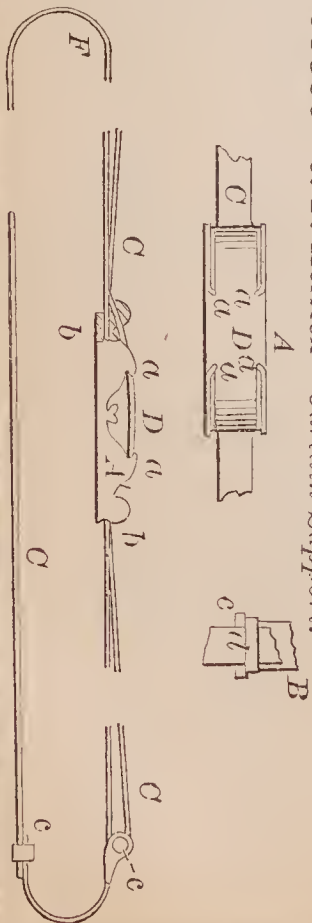
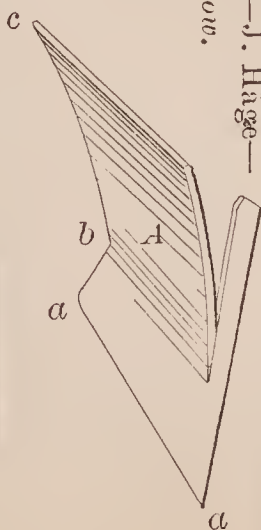
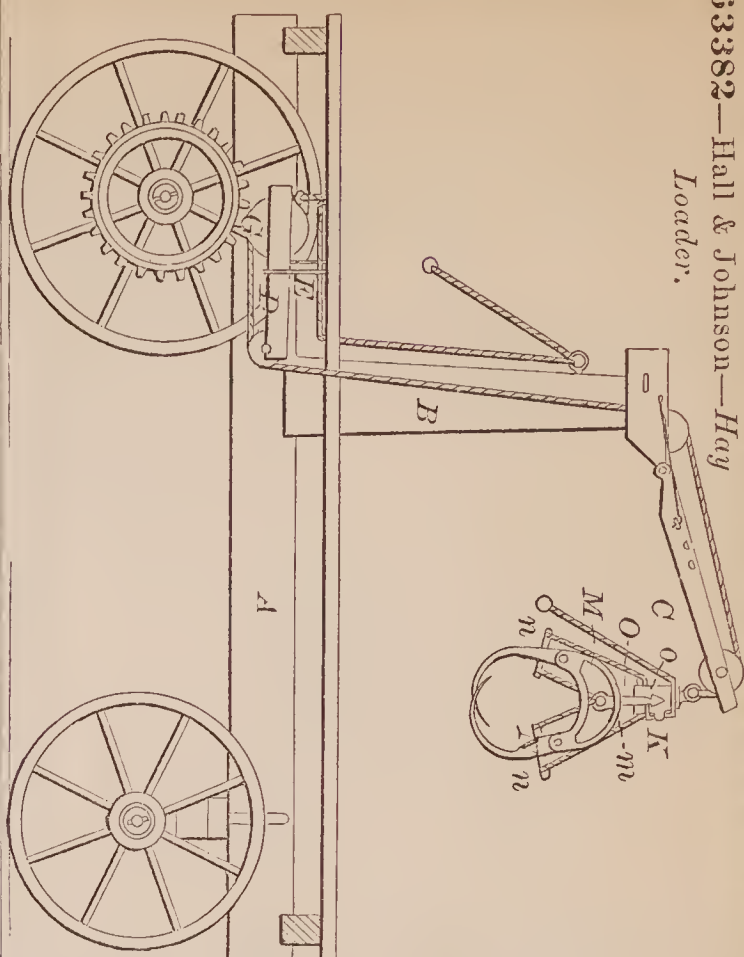
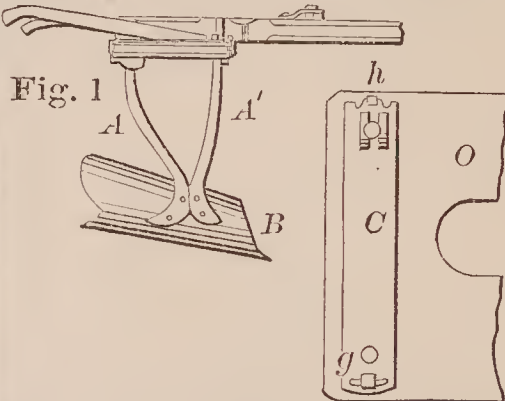
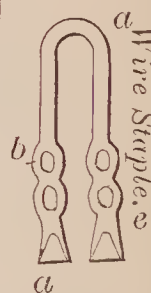
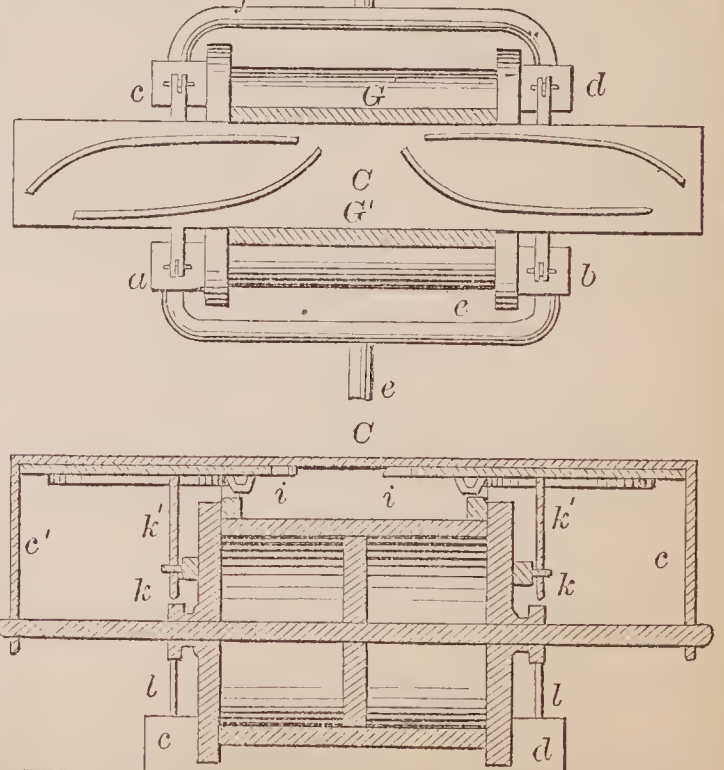


63378—F. G. & E. A. Floyd—*Broadcast Sower.*

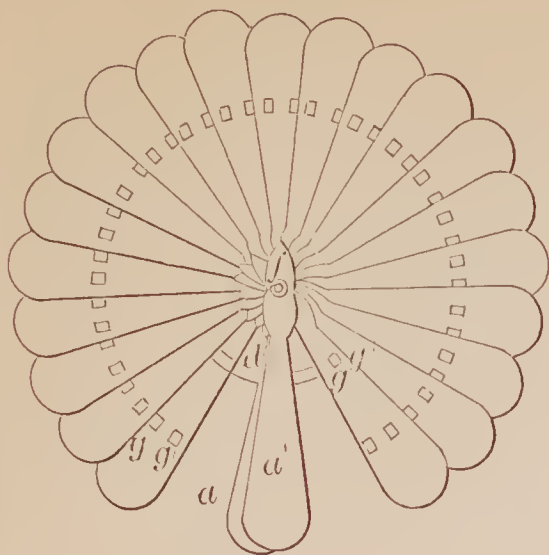


63377—J. Fish—*Plow.*

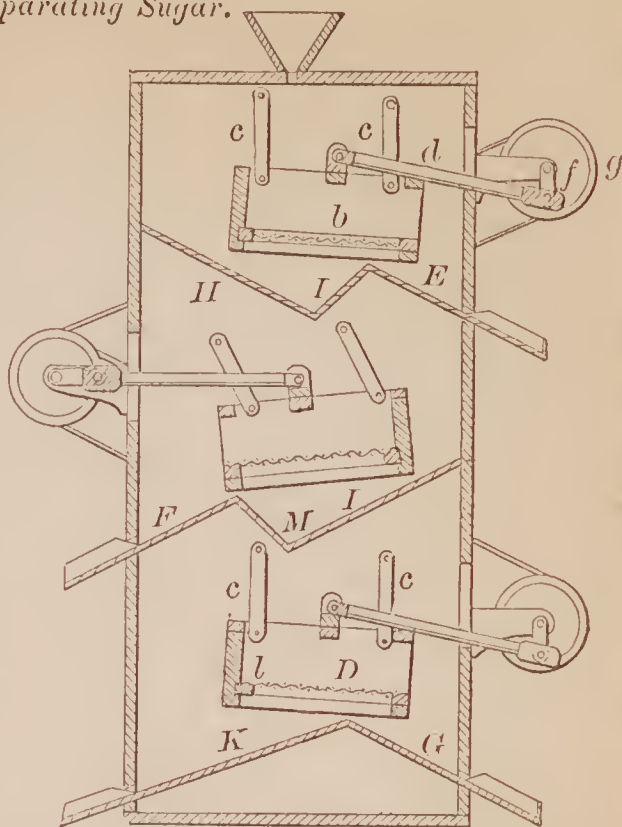


63379—A. A. Freeman—*Axle Box.*63380—C. J. B. Gaume—*Electro-Magnetic Engine.*63383—O. Hanks—*Bag Holder.*63386—C. F. Herrick—*Curtain Support.*63381—J. Häge—*Plow.*63387—P. J. Hershey—*Well Tube.*63382—Hall & Johnson—*Hay Loader.*63384—G. D. Hart—*Cultivator.*63385—H. A. Harvey—*Wire Staple.*63388—Horton & Hawkins—*For Measuring Fluids.*

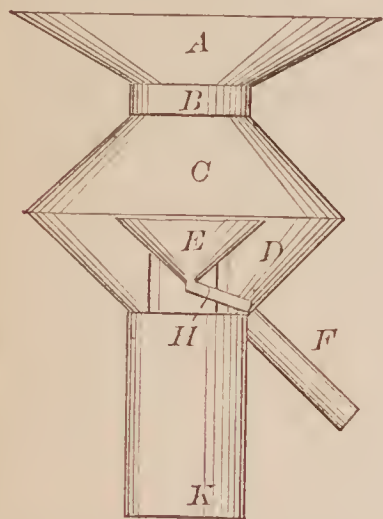
63389—J. L. Jackson—*Fan.*



63390—G. A. Jasper—*For Sifting and Separating Sugar.*



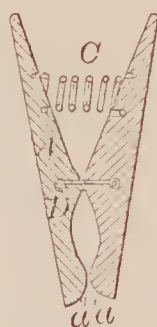
63391—Jeggle & Brooks—*Condenser.*



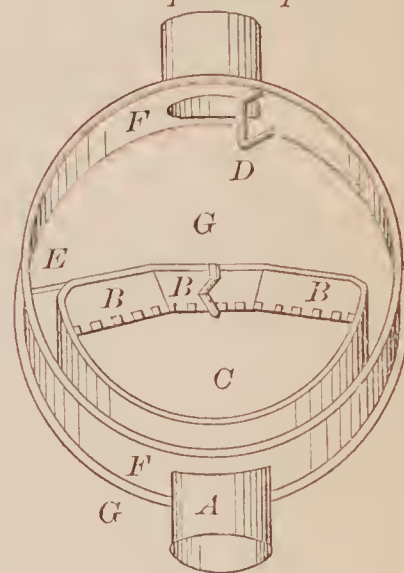
63392—M. Jinks—*Boring Bit.*



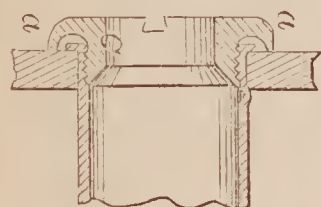
63393—C. C. Johnson—*Clothes Pin.*



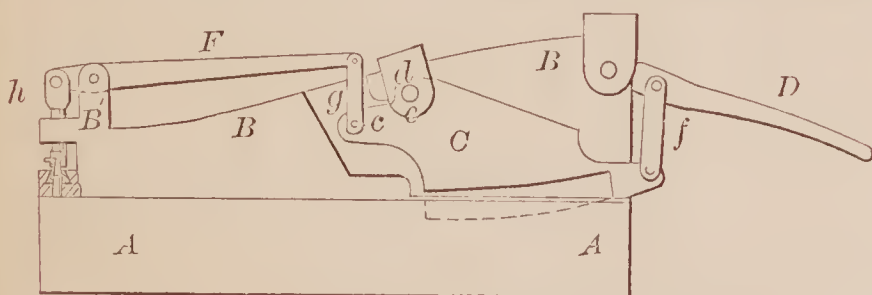
63395—E. Kabisius—*Store Pipe Damper.*



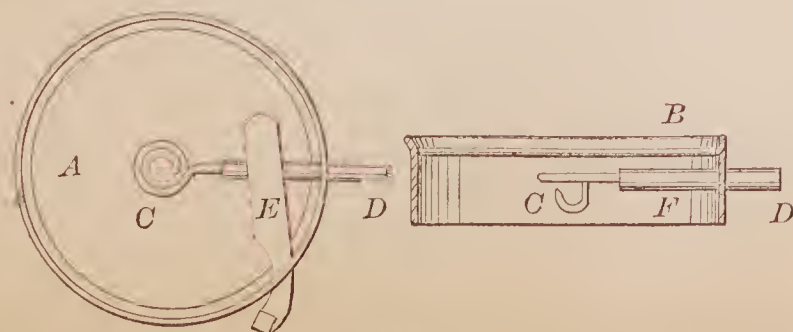
63399—Lanton & Jones—*Ferrule for Boiler Tubes.*



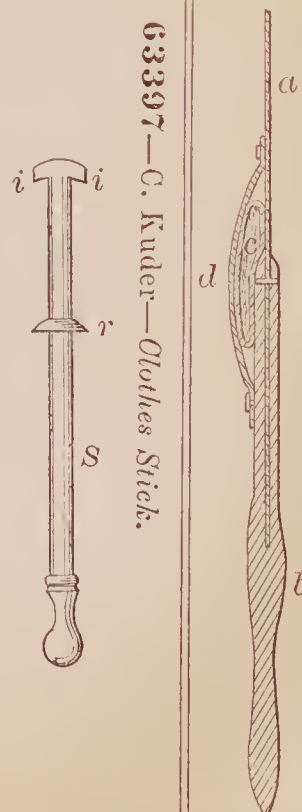
63398—I. Lamplugh—*Shearing and Punching Machine.*



63400—J. Lee—*Petroleum Stove.*

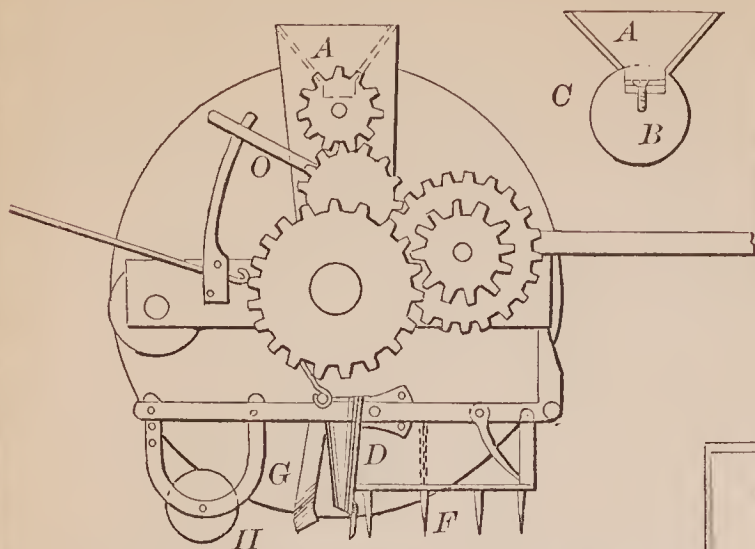
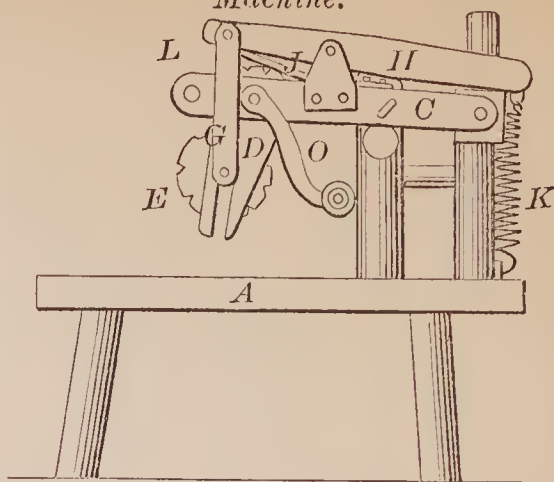
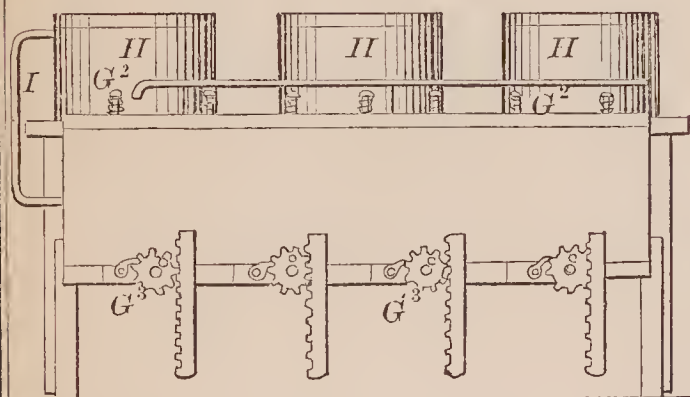
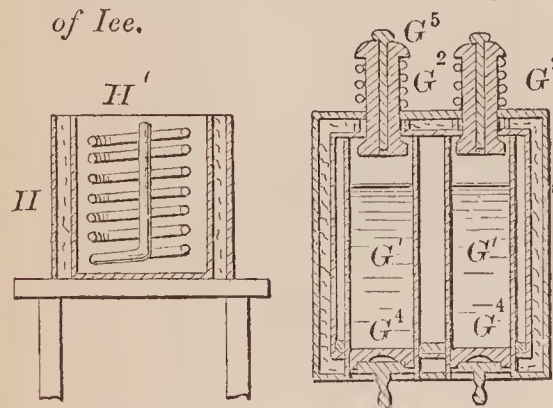
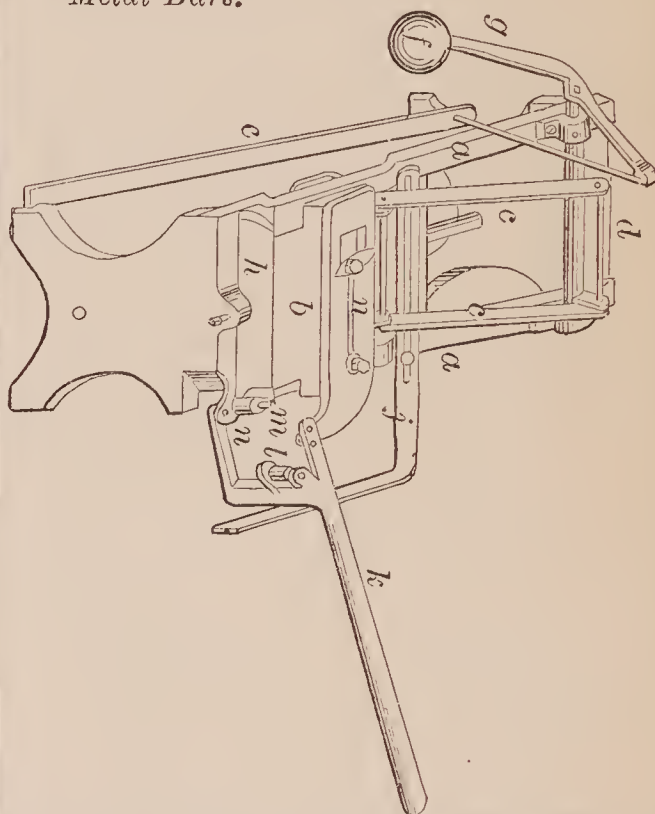
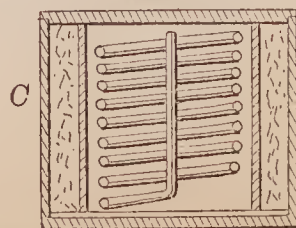
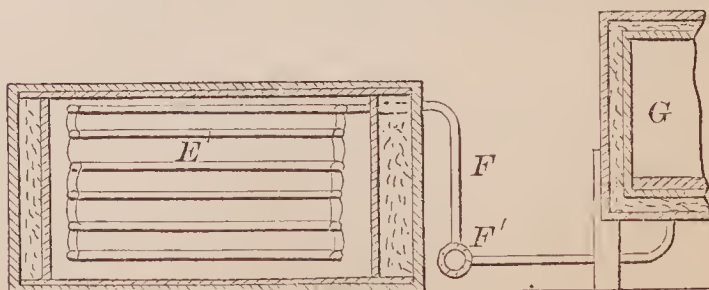
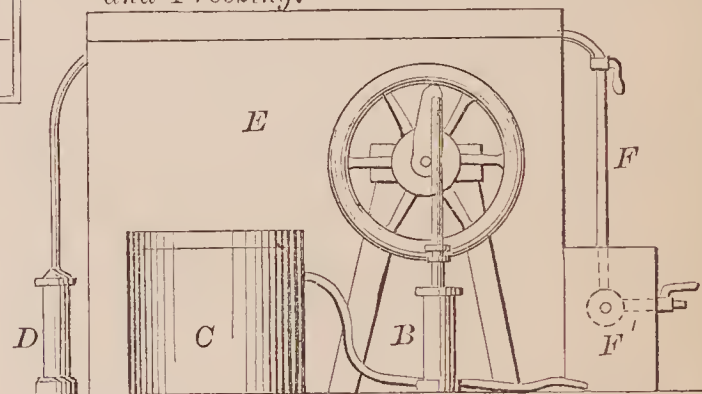
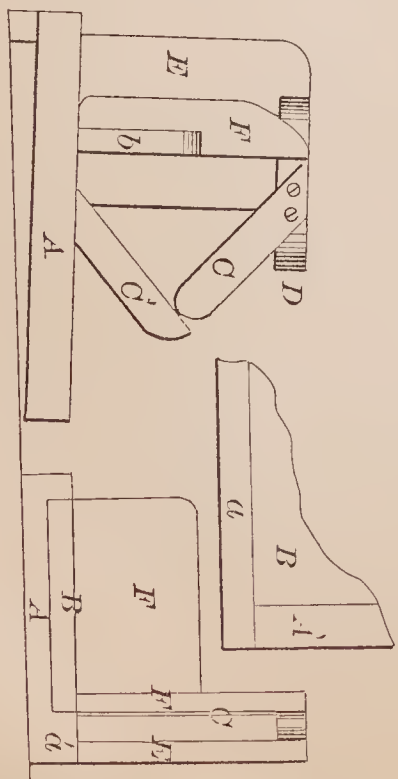


63397—C. Kuder—*Clothes Stick.*

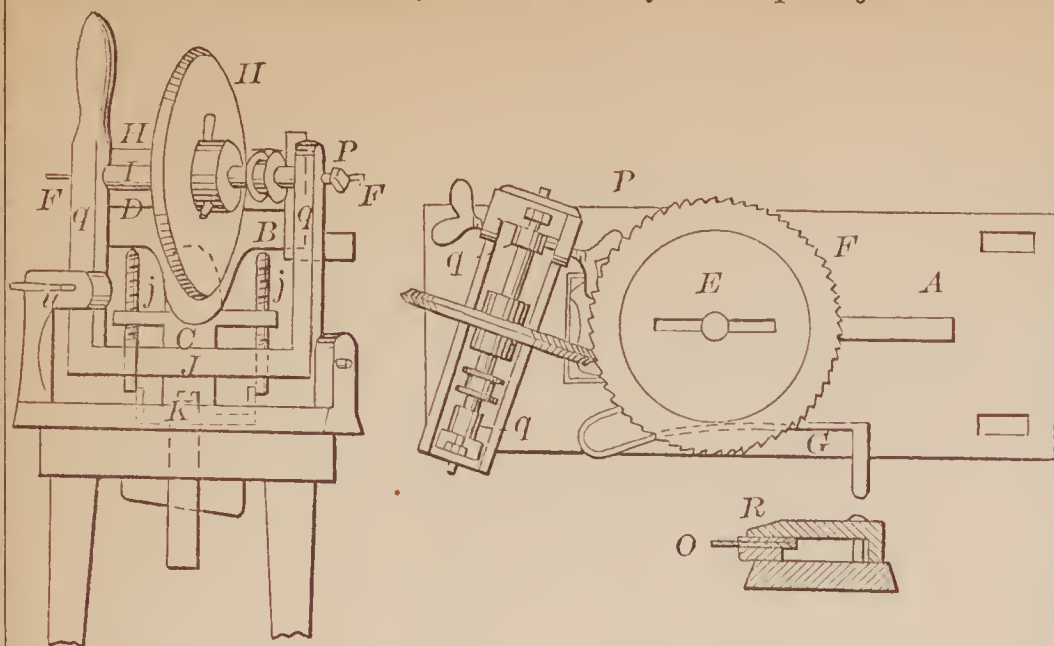


63396—Koppenfels & Brueck—*Fan.*

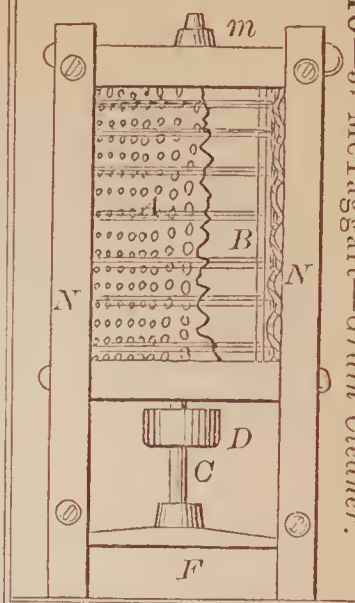


63401—N. Liddell—*Corn Planter.*63402—W. N. Lockwood—*Washing Machine.*63404—T. S. C. Lowe—*Manufacture of Ice.*63403—O. Long—*Machine for Bending Metal Bars.*63405—T. S. C. Lowe—*For Condensing Carbonic Acid, Drawing off, for Cooling and Freezing.*63406—J. Madden—*Bread Cutter.*

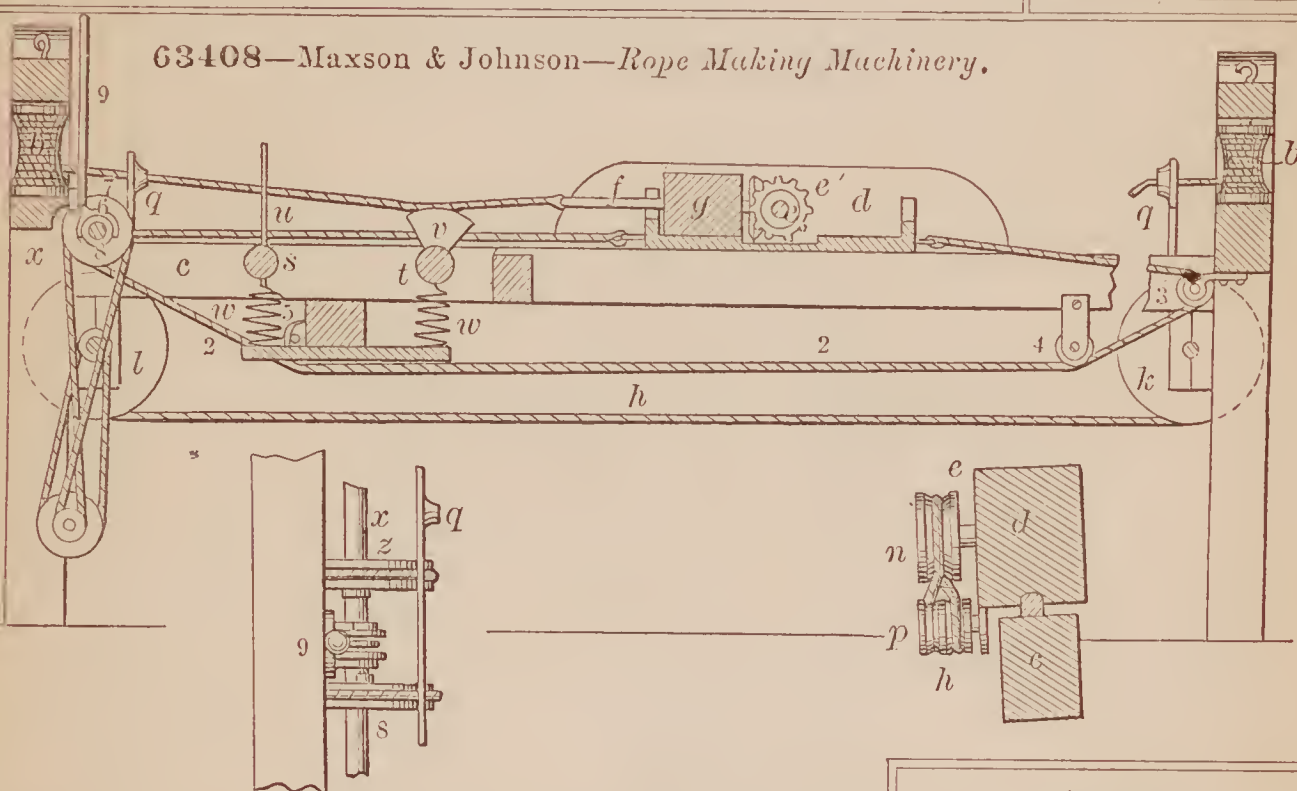
63107—T. T. Markland, Jr.—*Machine for Sharpening Saws.*



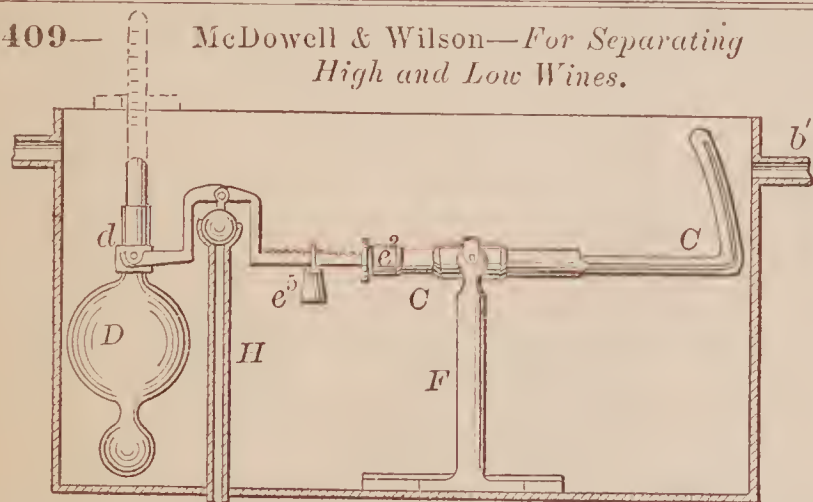
63410—J. McTaggart—*Grain Cleaner.*



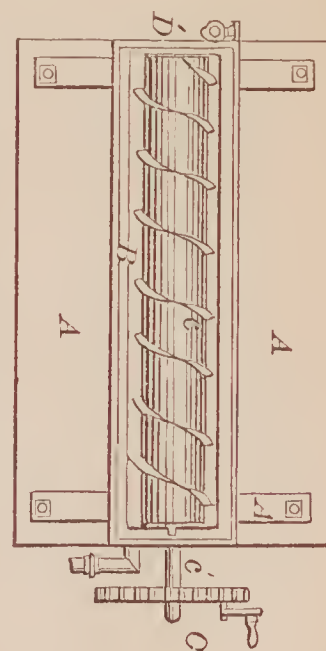
63408—Maxson & Johnson—*Rope Making Machinery.*



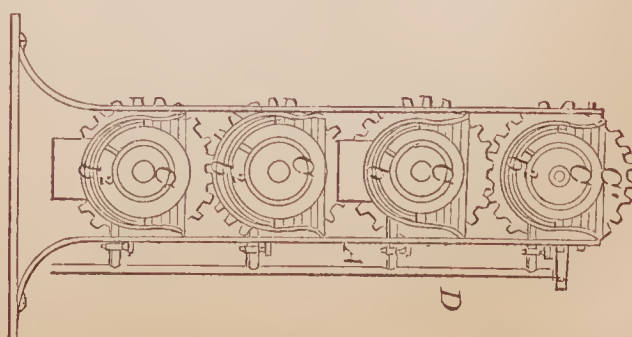
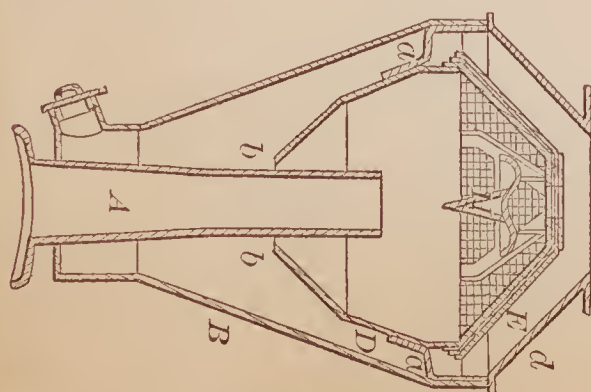
63409—McDowell & Wilson—*For Separating High and Low Wines.*



63412—J. O. Mellen—*Drying Apparatus.*

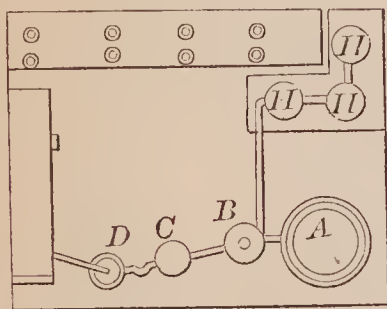
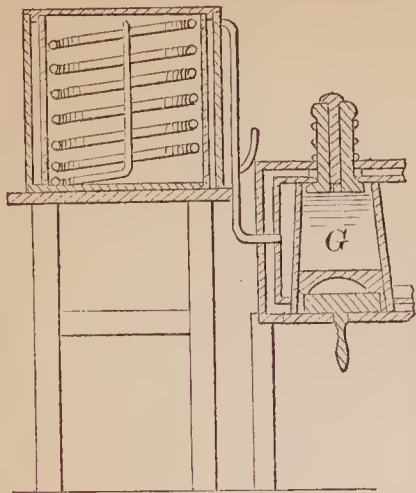


63411—W. J. Mehary—*Spark Arrester.*

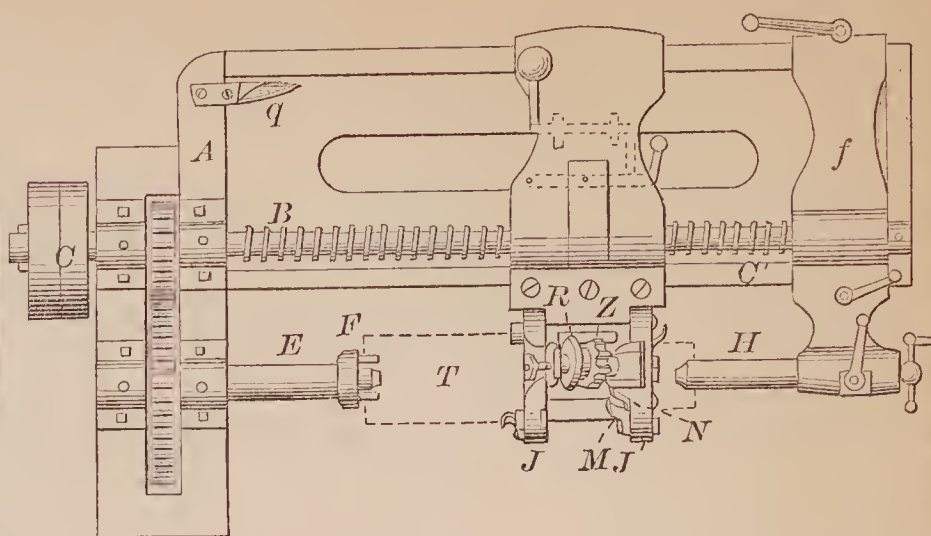


63413—T. S. C. Lowe—
Manufacturing Ice.

II



63414—H. Mellish—For Cutting out the Bodies of Fruit
Baskets.



63416—F. Million—Gas Engine.



Fig. 5

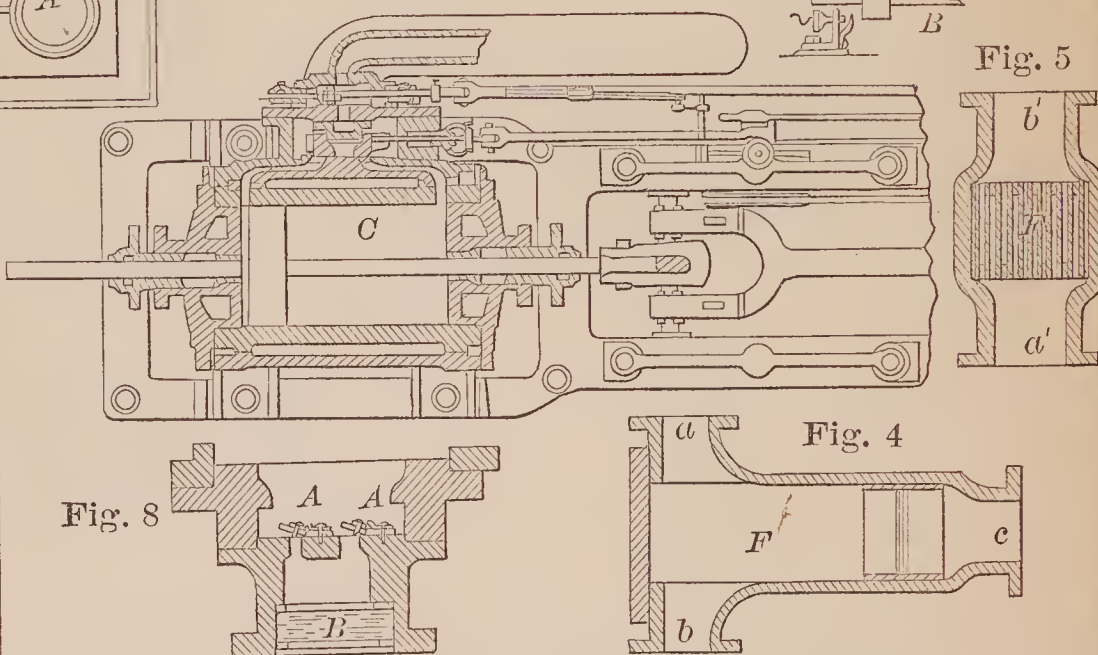
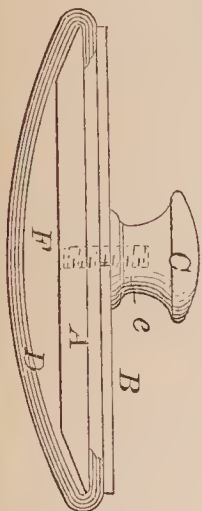


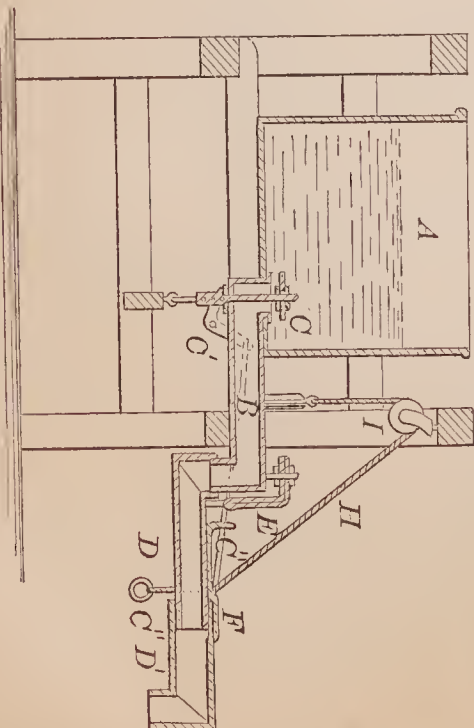
Fig. 8

Fig. 4

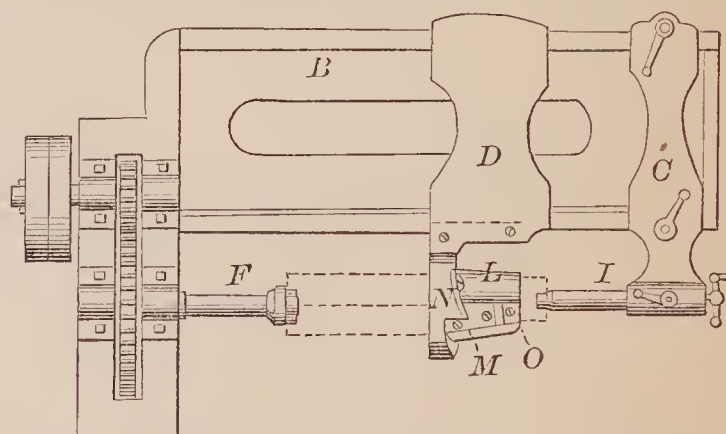
63417—C. C. Moore—Blotter.



63418—J. Morton—Railroad
Water Tank.



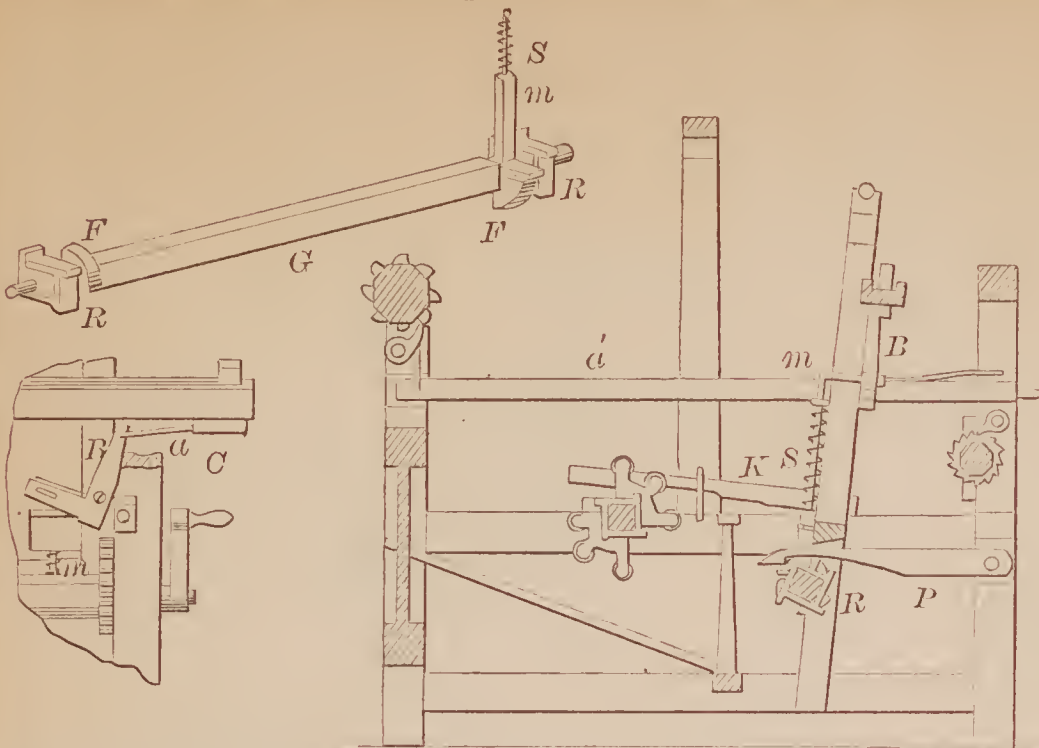
63415—H. Mellish—For Cutting Toy Pails from Wood.



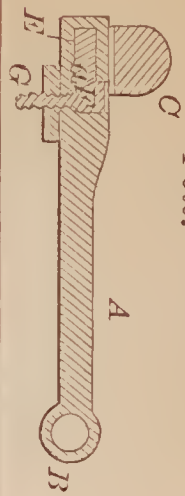
63419—F. Munson—Filing and Recording Bonds, &c.

30	29	28	27
26	25	24	23
22	21	20	19
18	17	16	15
14	13	12	11
10	9	8	7
6	5	4	3
2	1		

63421—W. W. & V. J. Phillips—For Operating Picker Stuffs of Looms.



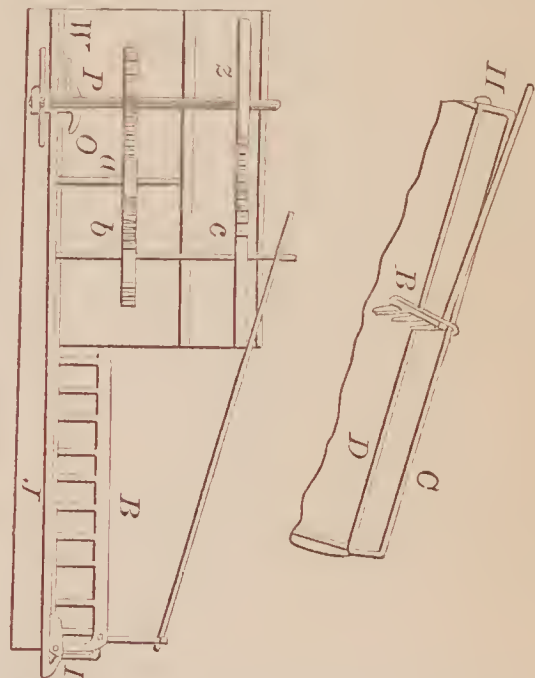
63423—J. E. Prudden—Adjustable Carriage Pole.



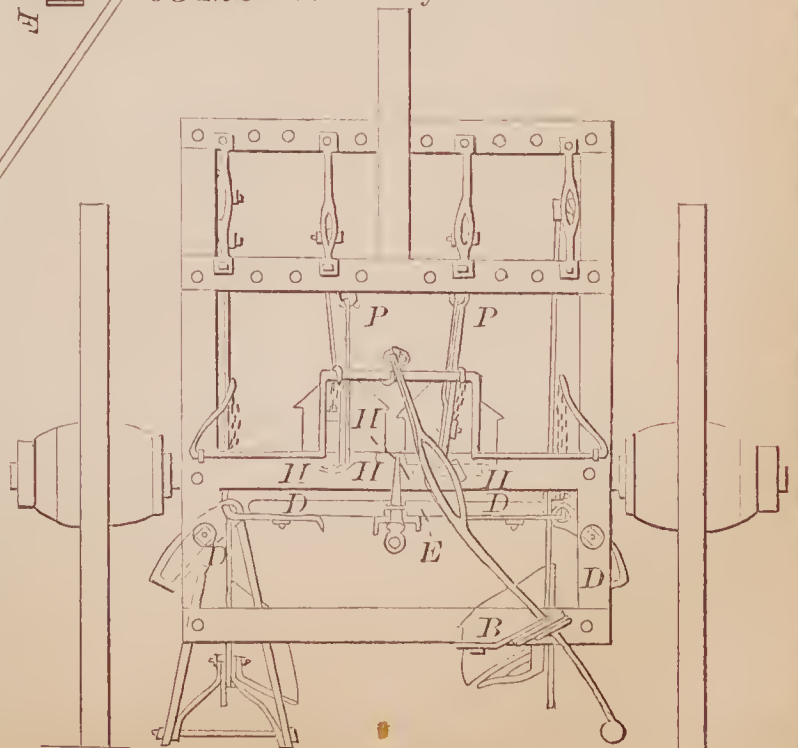
63425—E. Reed—Wagon Seat.



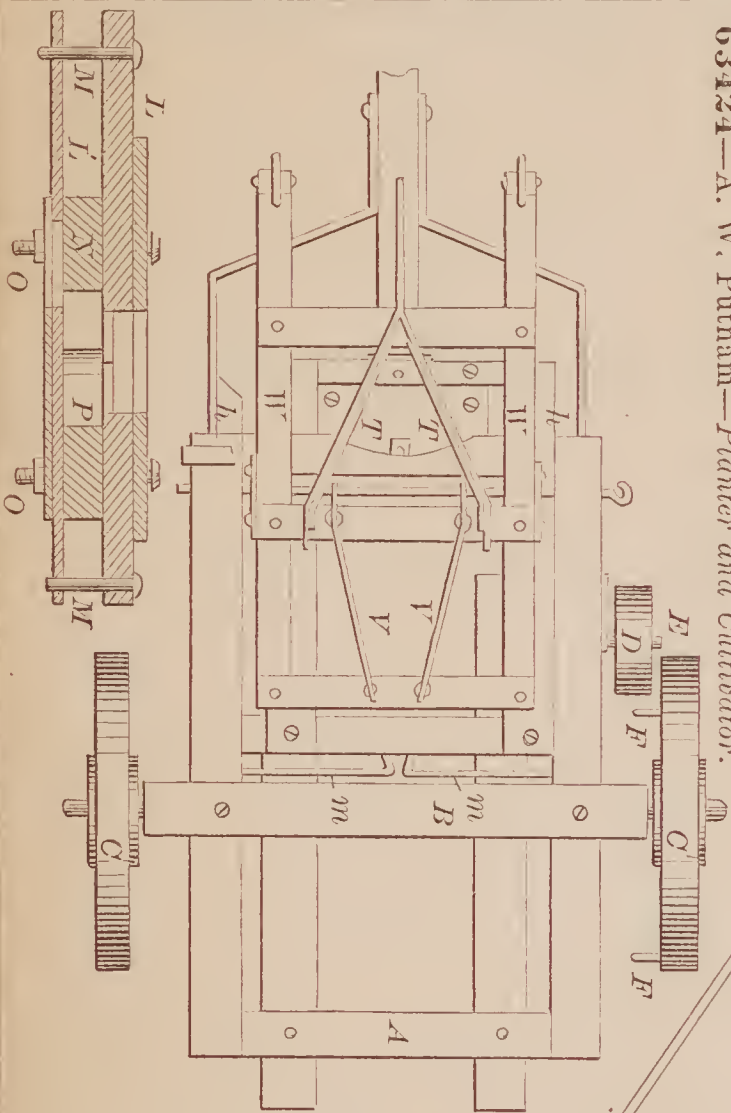
63427—L. M. Rice—Harvester Rake.



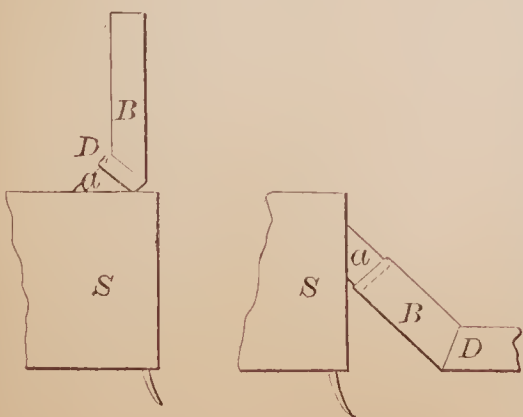
63426—J. H. Reynerson—Cultivator.

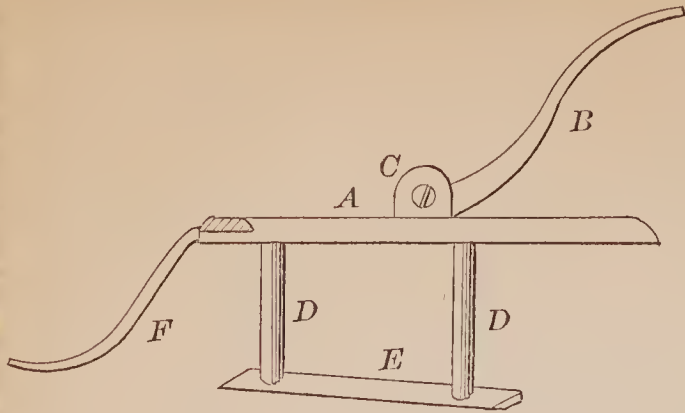
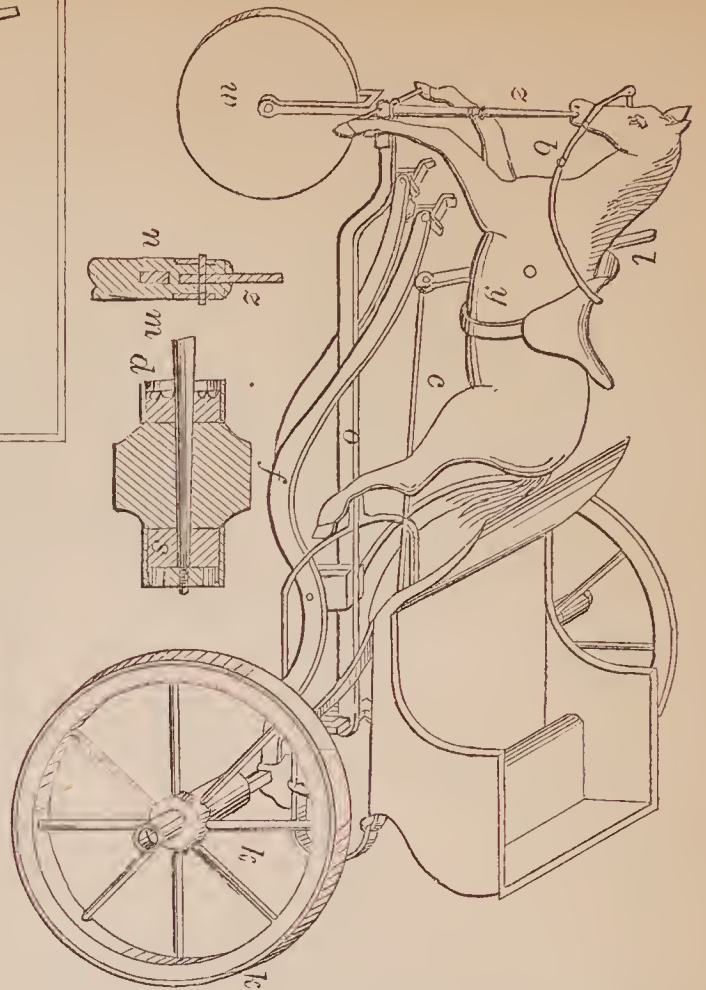
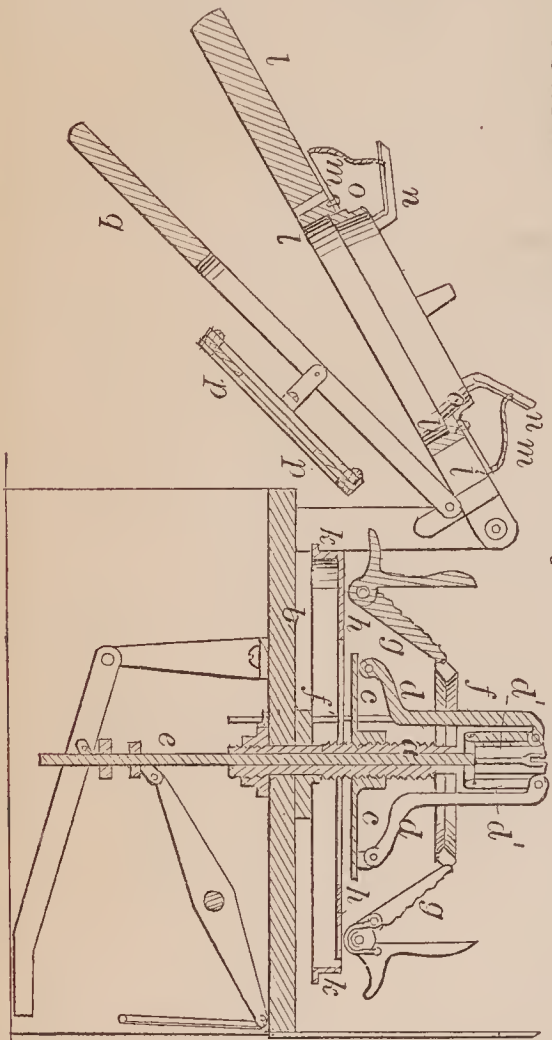
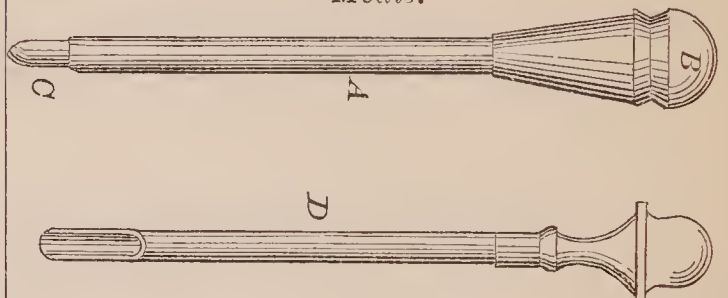
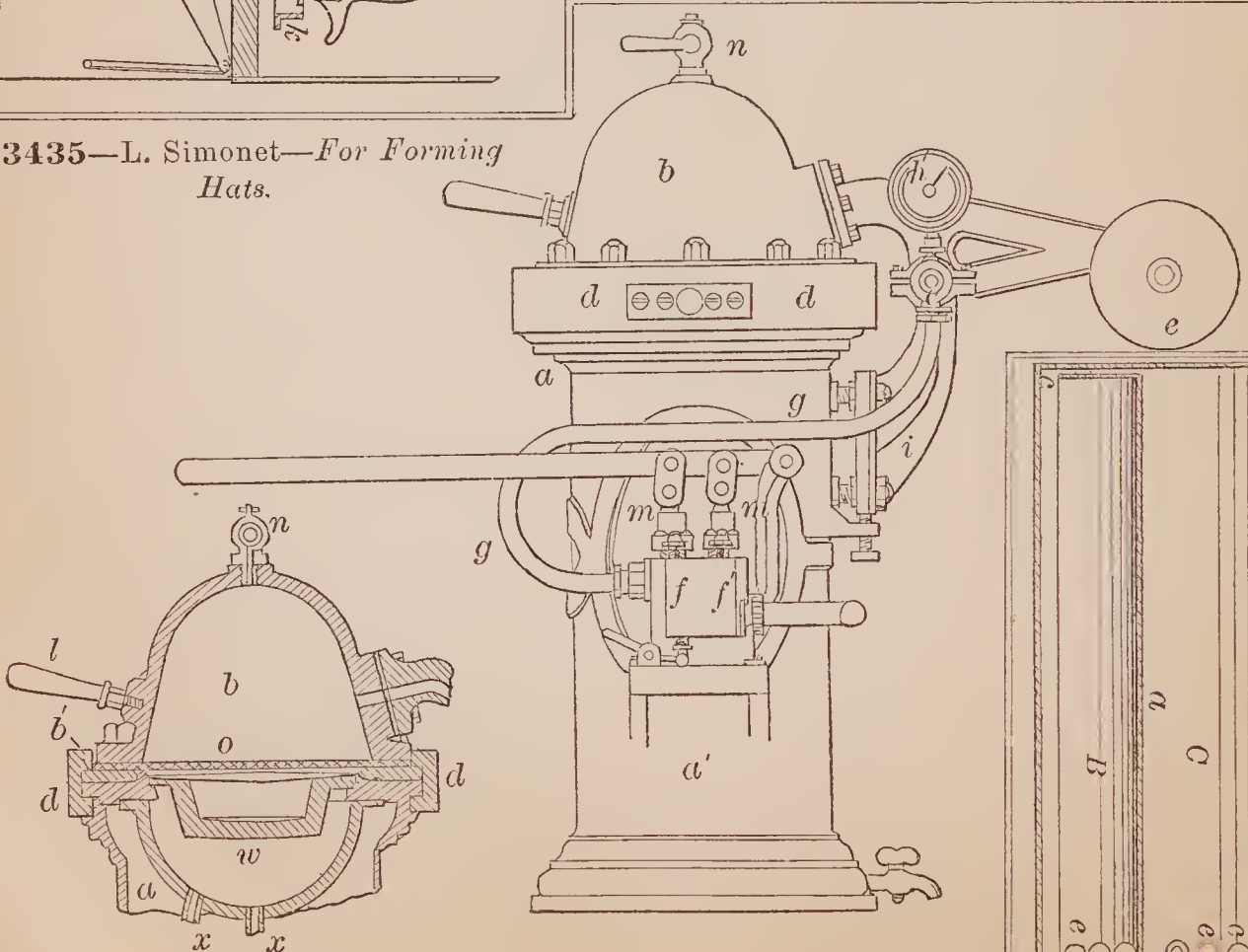
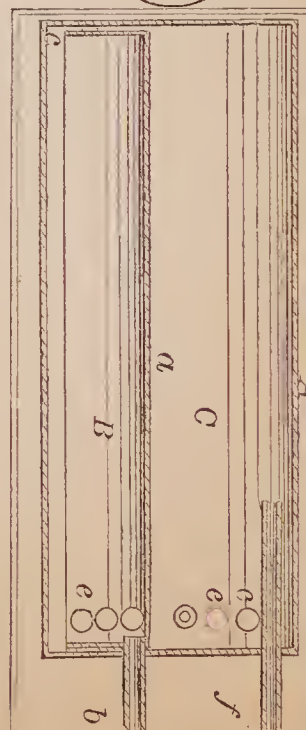


63424—A. W. Putnam—Planter and Cultivator.

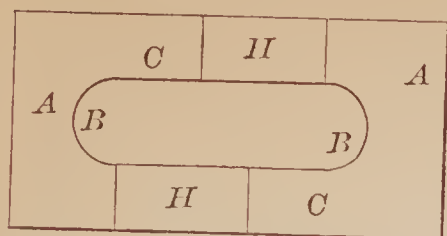


63422—M. L. Powell—Stove Pipe.

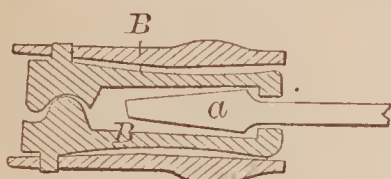
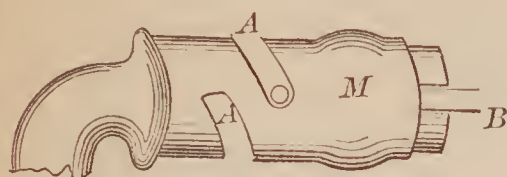


63430—T. B. Rogers—*Cultivator.*63433—J. Scheen—*Baby Carriage and Velocipede.*63434—J. Sheldon—*Hat Blocking Machine.*63432—W. Sadler—*For Salting and Seasoning Meats.*63435—L. Simonet—*For Forming Hats.*63431—S. P. Ruggles—*Steam Generator.*

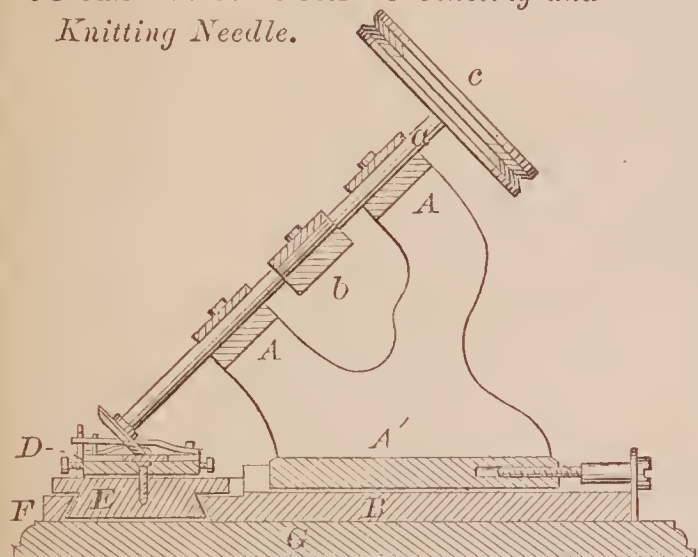
63436—Smith & Speth—*Chimney.*



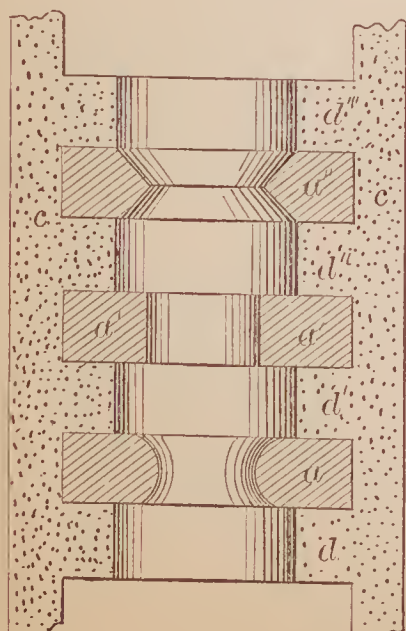
63438—G. Stackpole—*Bit Brace.*



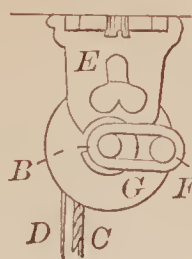
63442—J. P. Tirrell—*Crocheting and Knitting Needle.*



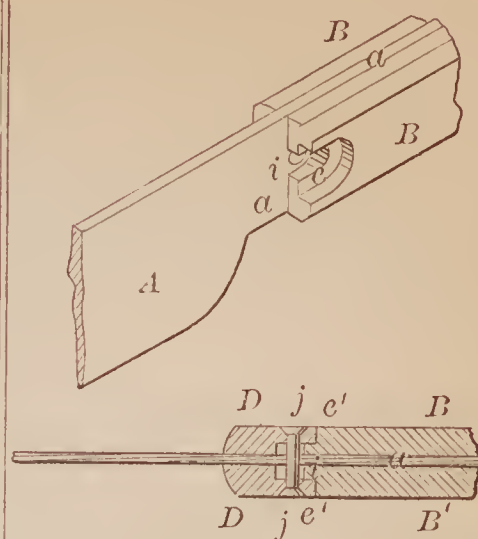
63443—R. C. Totten—*Mould for Casting Grooved Rolls.*



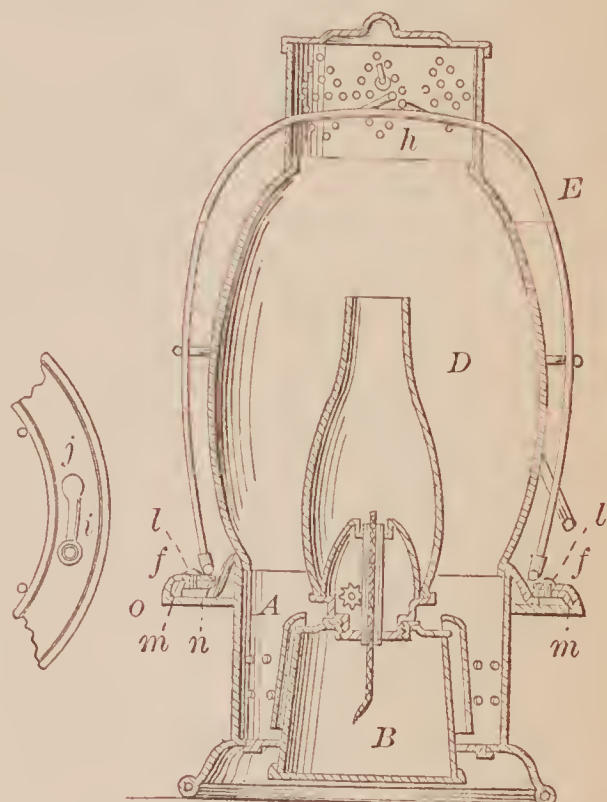
63440—L. H. Thomas—*Curtain Fixture.*



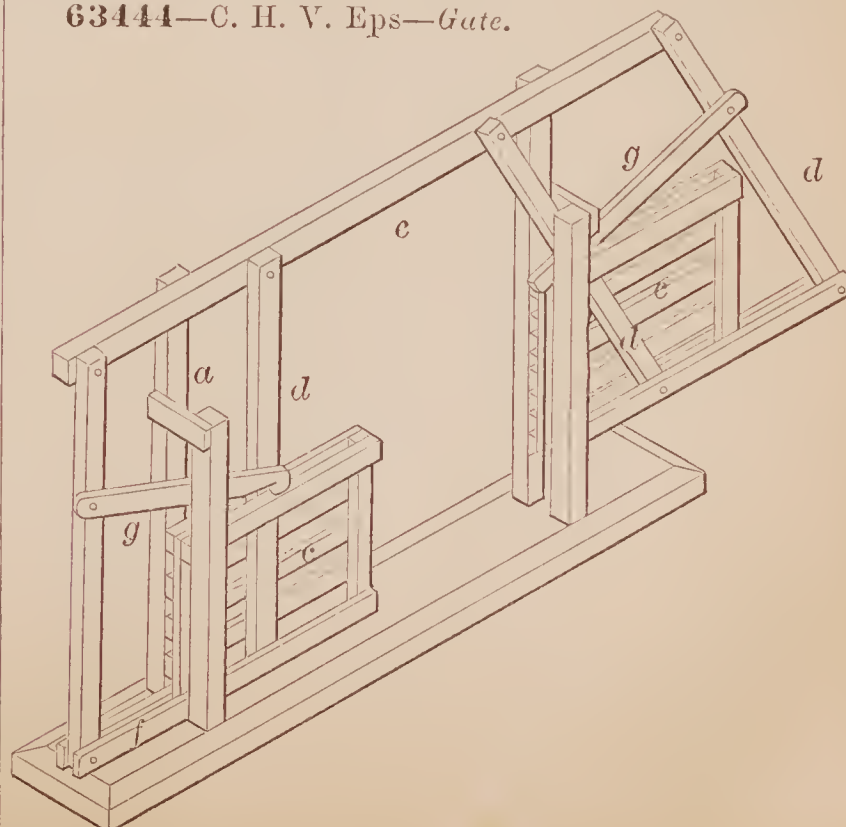
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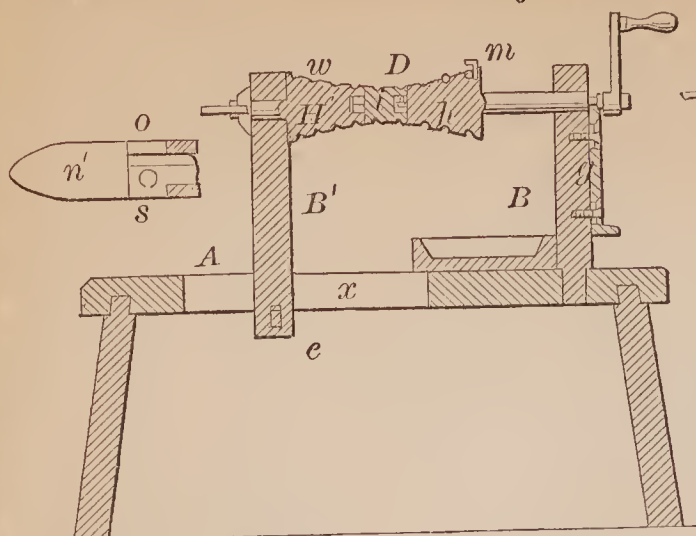
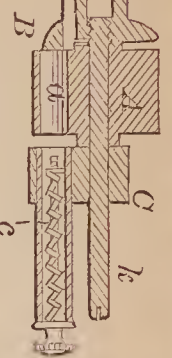
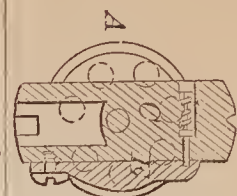
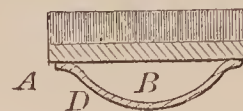
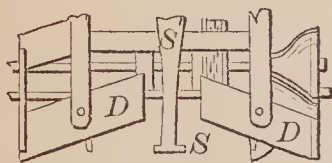
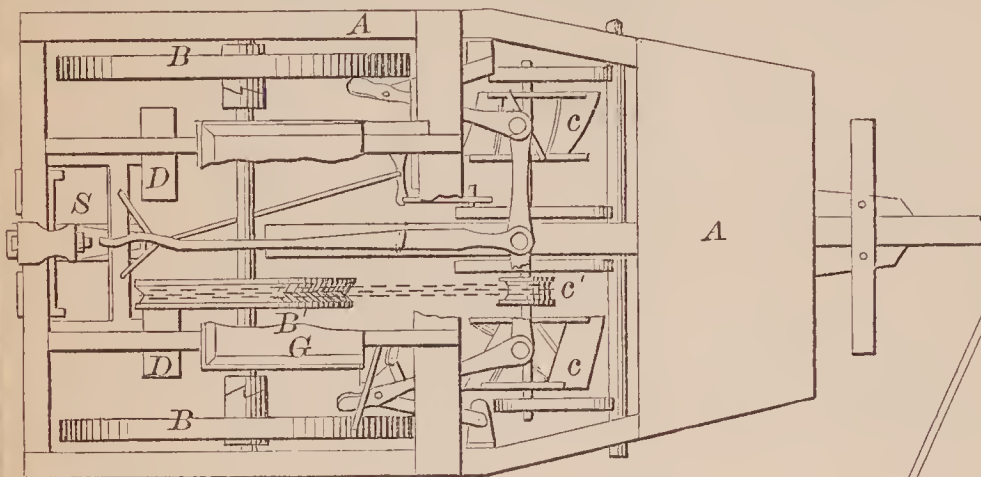
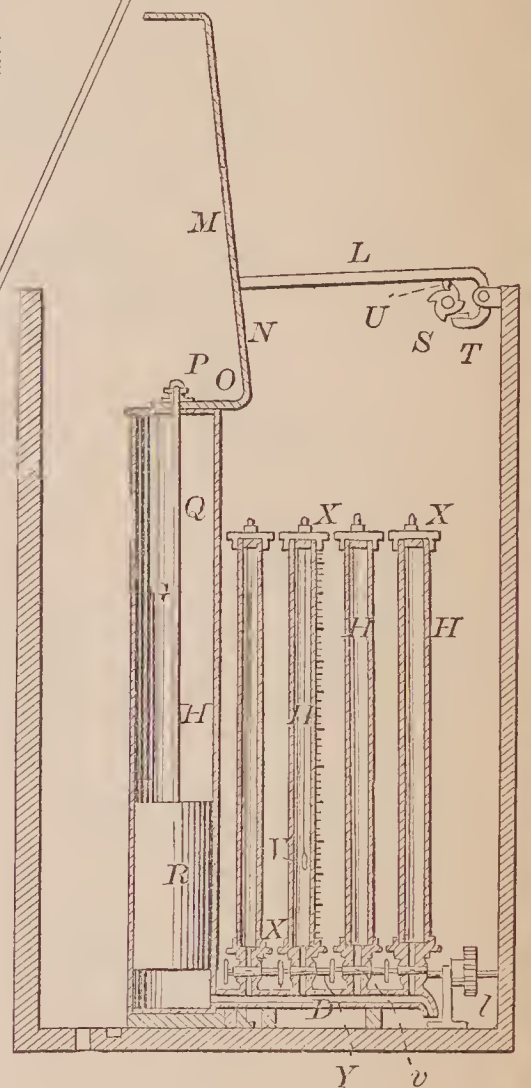
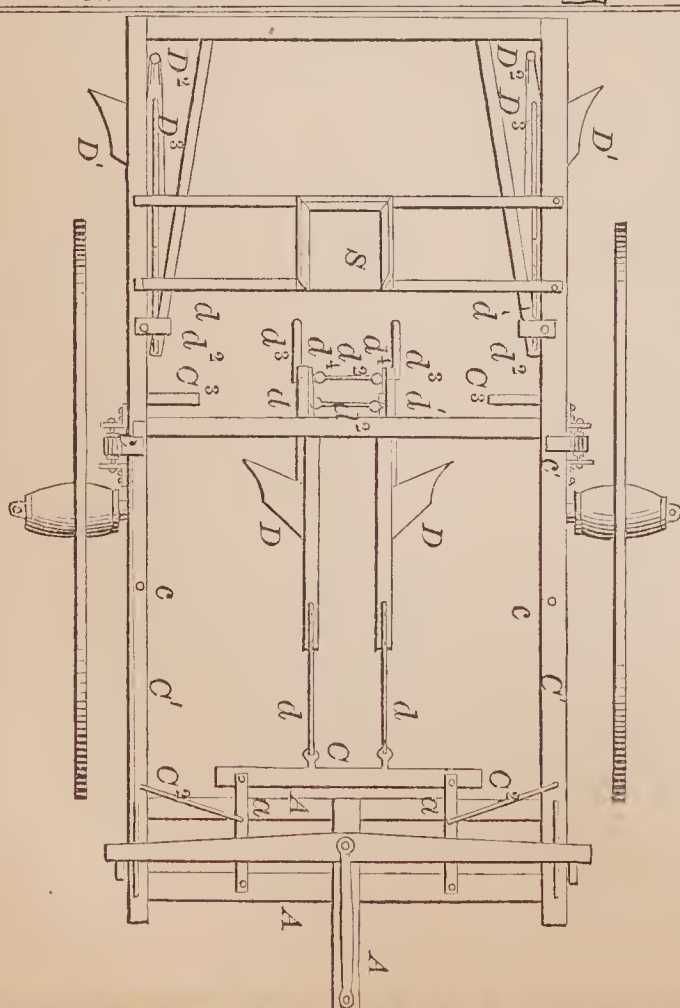
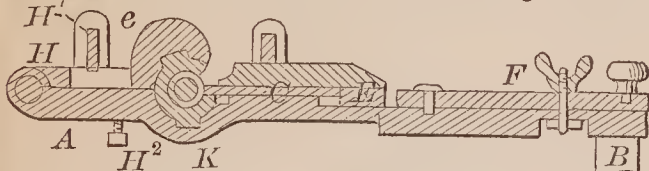
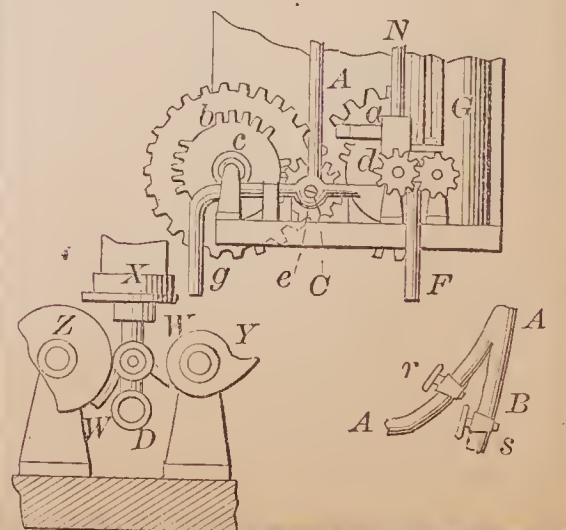


63441—W. S. Thompson—*Lantern.*

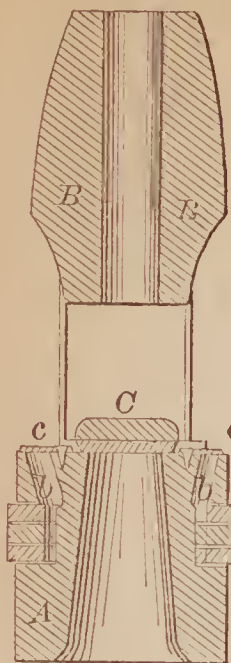


63444—C. H. V. Eps—*Gate.*

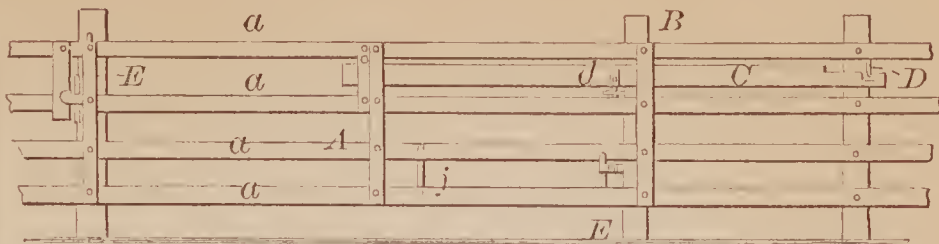


63445—W. Weaver—*For Coiling Wire.*63450—R. W. Drew—*Revolving Fire Arm.*63448—J. A. Wiedersheim—*Barber's Brush.*63451—R. N. Adams—*Cotton Cultivator.*63452—J. G. Allen—*Spirit Meter.*63446—G. H. Wells—*For Cutting Screws.*63447—P. L. West—*Cultivator.*

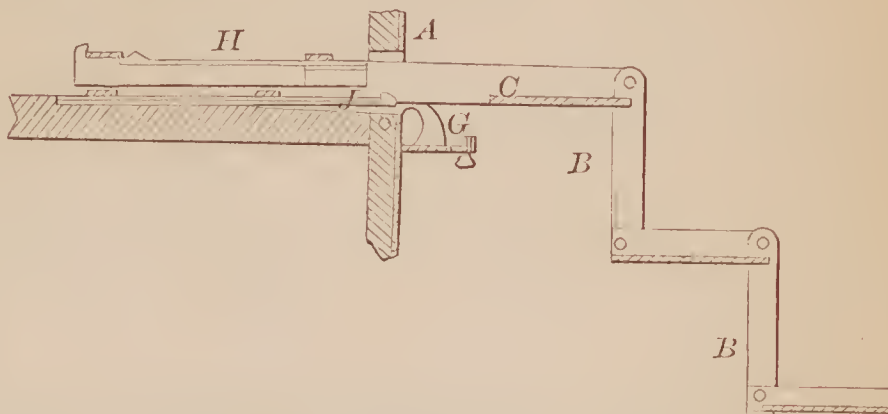
63454—M. J. Althouse—*Pump Piston Packing.*



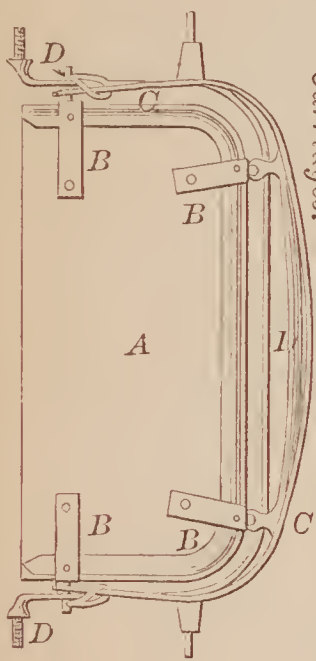
63455—S. E. Anthony—*Gate.*



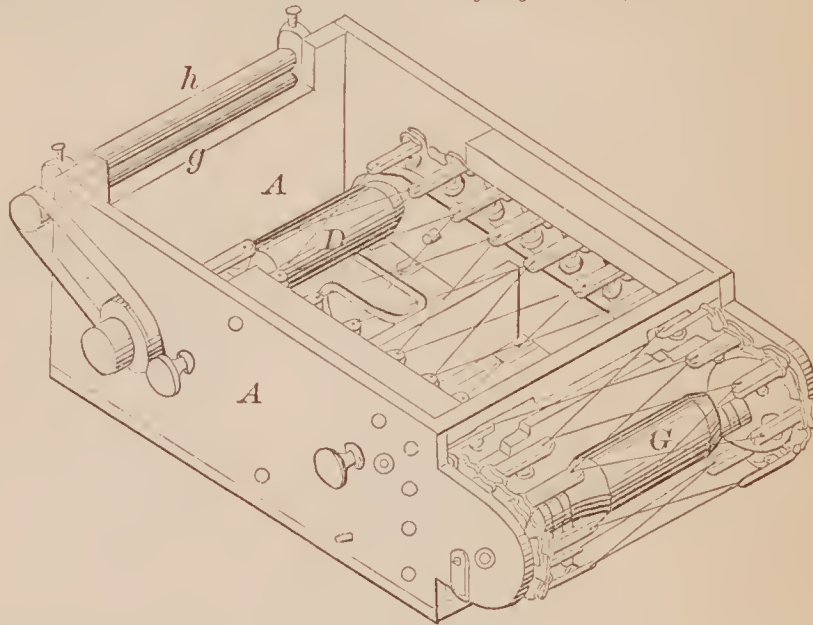
63458—F. Baker—*Carriage Step.*



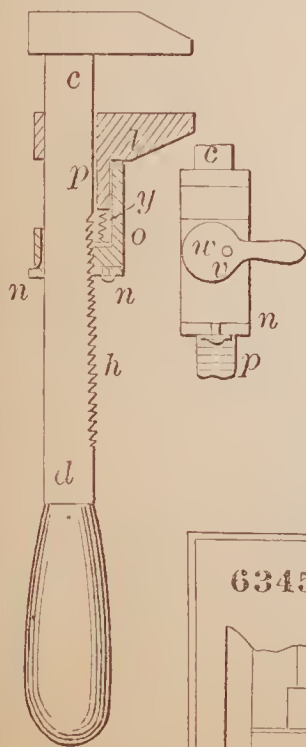
63457—A. E. Bailey—*Shifting Rail for Carriages.*



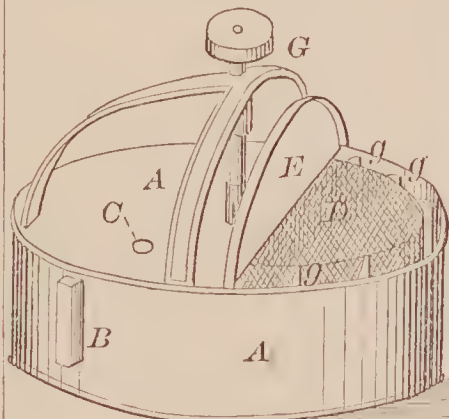
63461—L. W. Boynton—*For Drying Cloth, &c.*



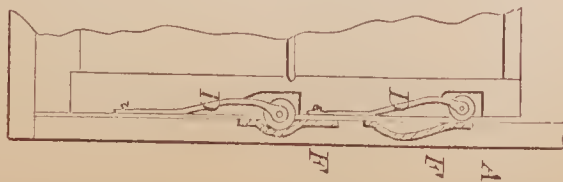
63459—S. S. Barnaby—*Wrench.*



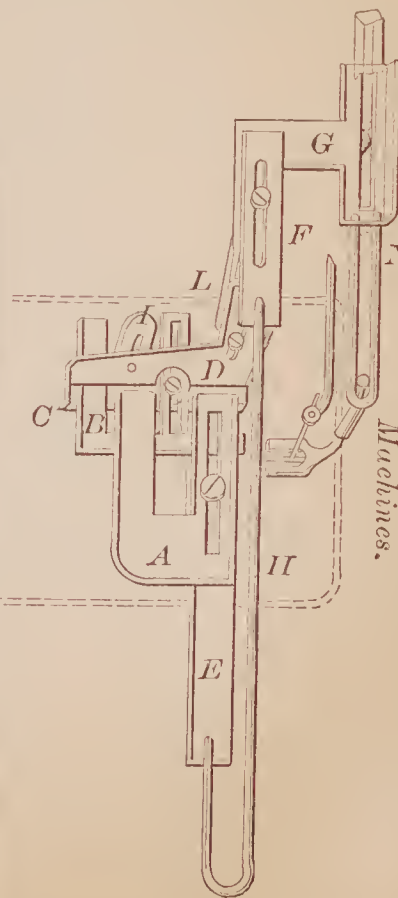
63462—L. W. Boynton—*Dryer for Wool, &c.*

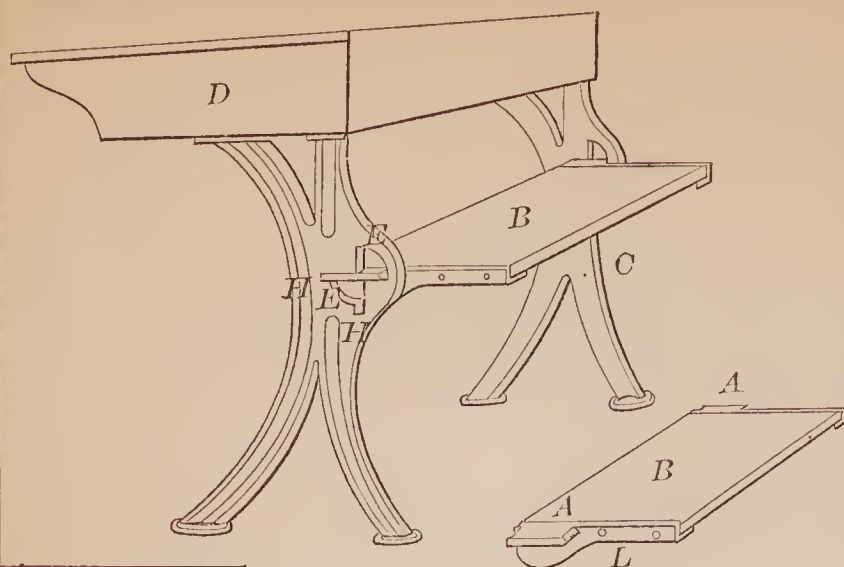
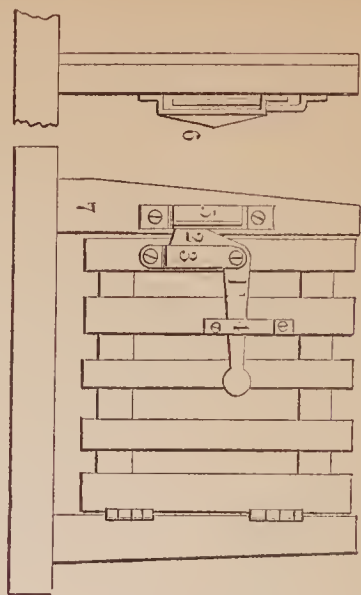
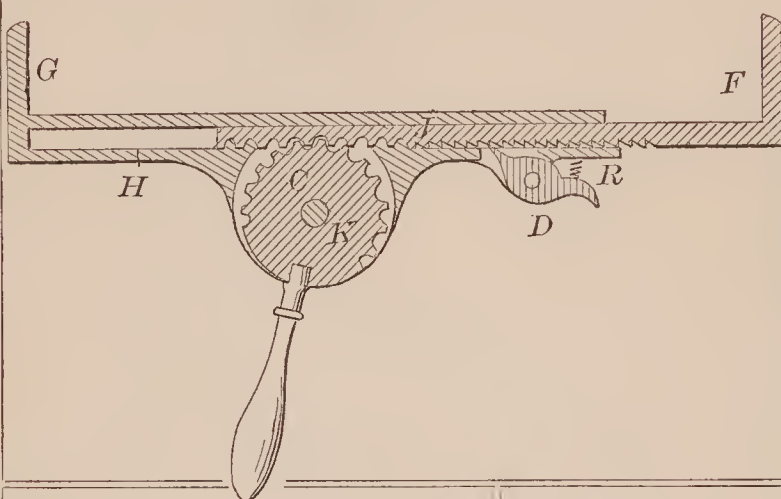
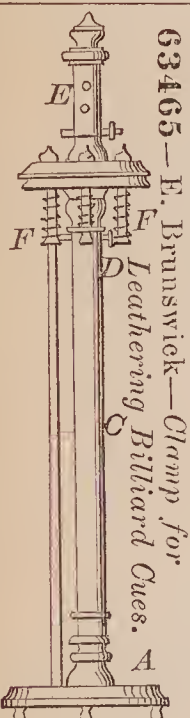
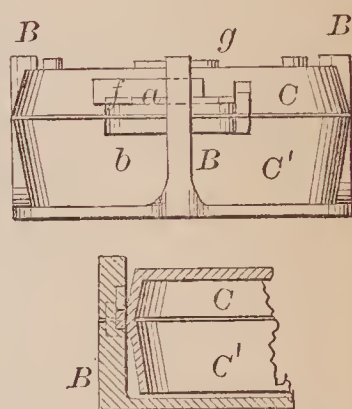
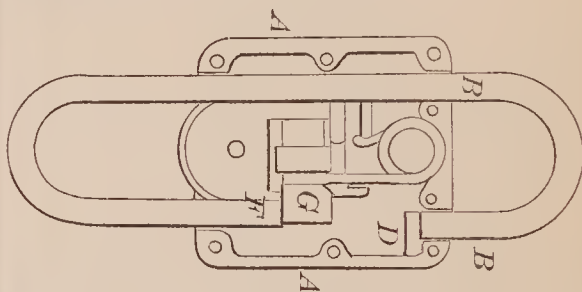
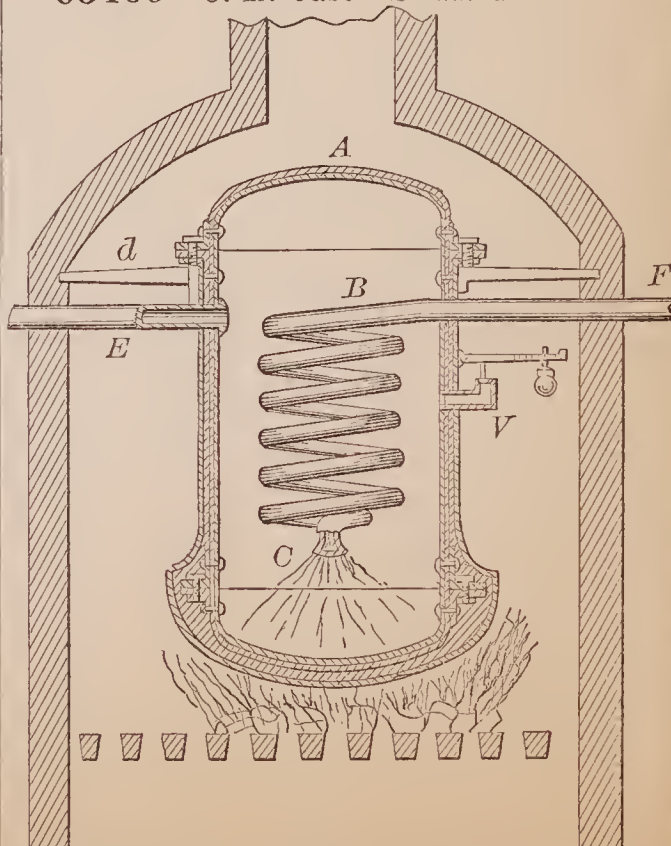
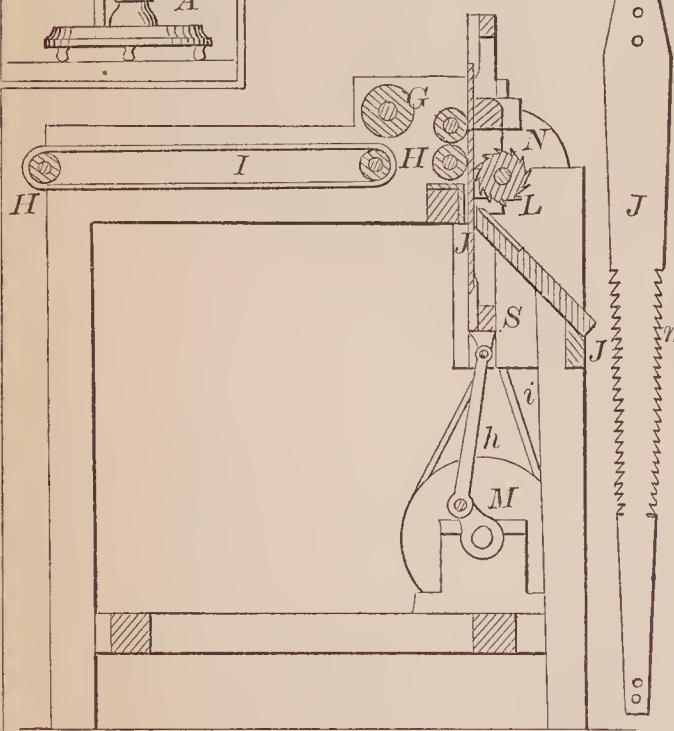
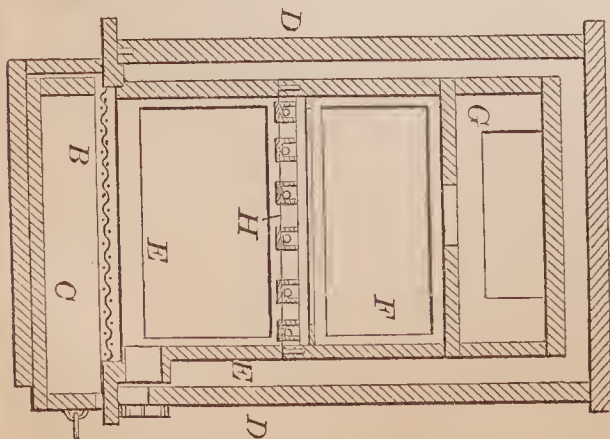


63456—J. Ayers—*Sash Supporter.*

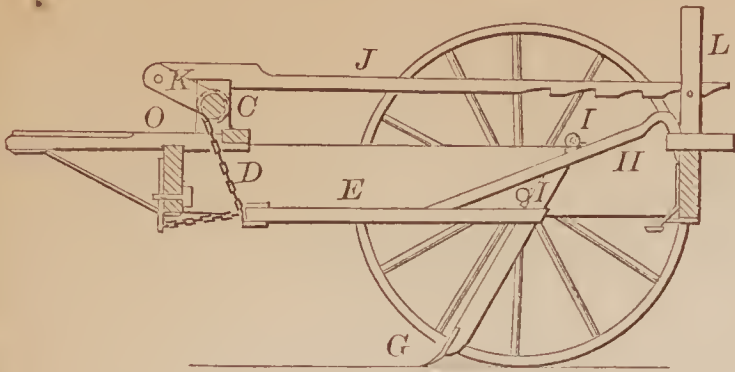


63463—S. C. Brown—*Plating Attachment for Sewing Machines.*

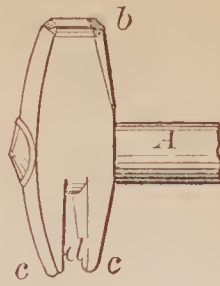


63464—F. C. Brownell—*Shelf Seat.*63466—J. T. Bryan—*Gate Latch.*63468—E. Card—*Clamp for Furnace Moulds.*63470—H. F. Clark—*Dentist's Vulcanizing Flask.*63465—E. Brunswick—*Clamp for Leathering Billiard Cues.*63467—I. D. Bush—*Padlock.*63469—C. E. Case—*Steam Generator.*63471—R. J. Clay—*Burying and Ginning Machine.*63472—H. Clipp—*Beehive.*

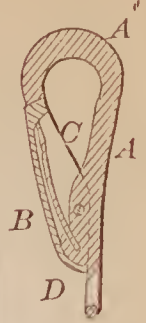
63473—D. W. Colburn—*Sulky Plow.*



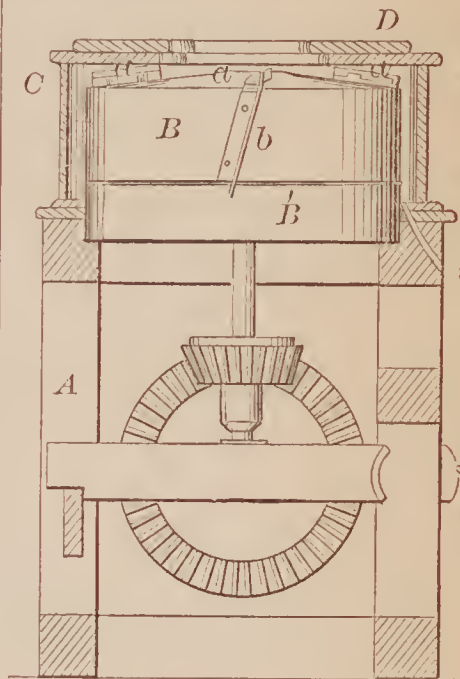
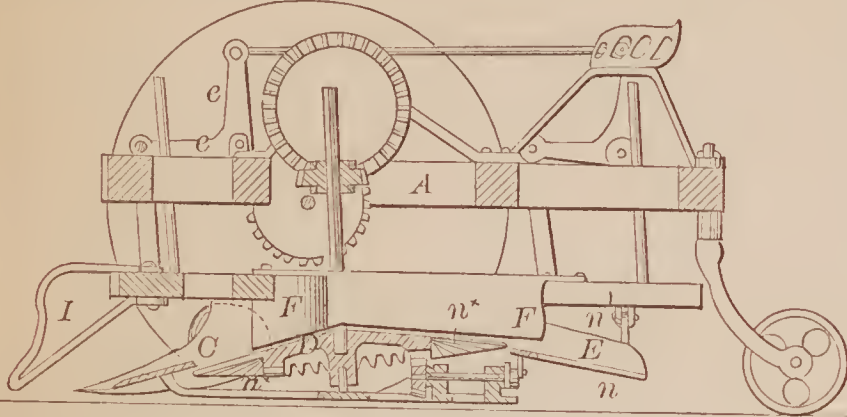
63474—J. Connolly—*For Upsetting Flanges.*



63478—E. A. Cooper—*Harness Snip.*

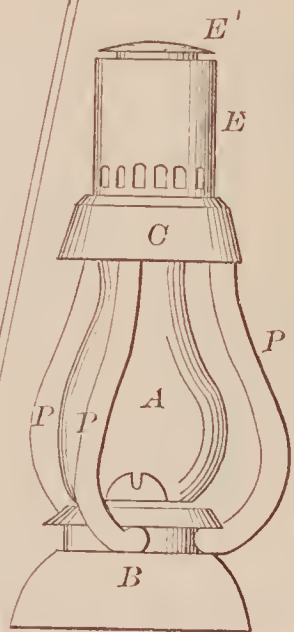
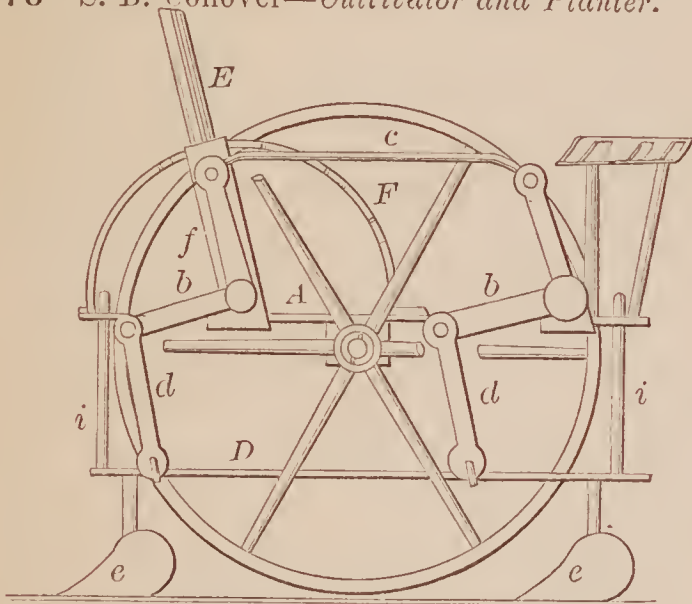


63475—S. B. Conover—*Potato Digger.*



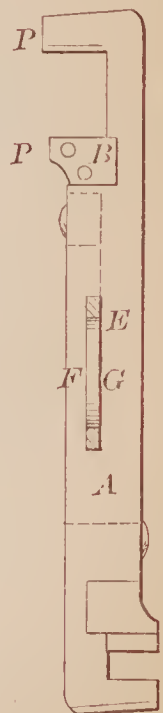
63479—M. Cosgro—*Grinding Mill.*

63476—S. B. Conover—*Cultivator and Planter.*

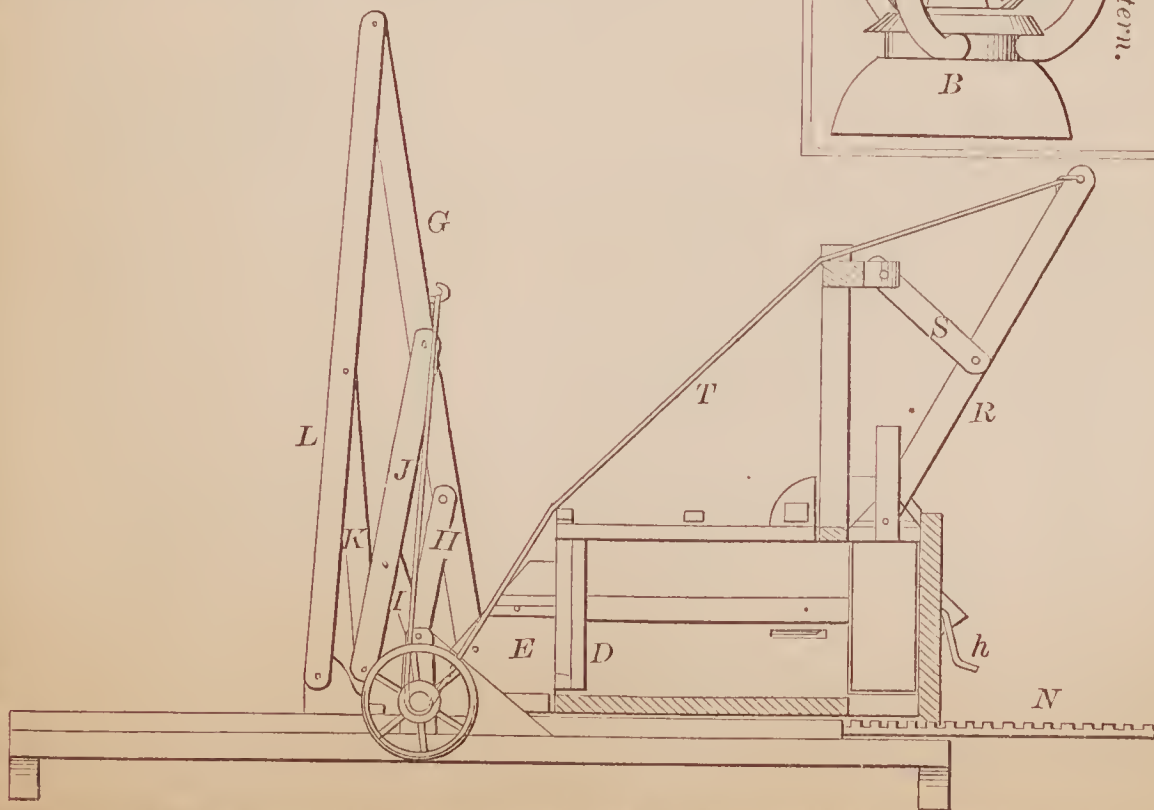


63480—A. R. Cridfield—*Lantern.*

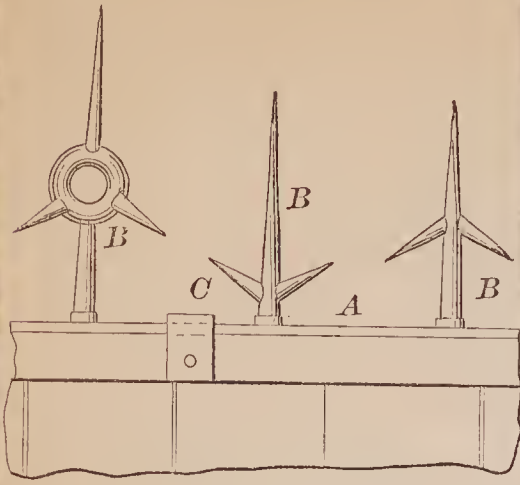
63481—J. E. Cronk—*Wrench.*



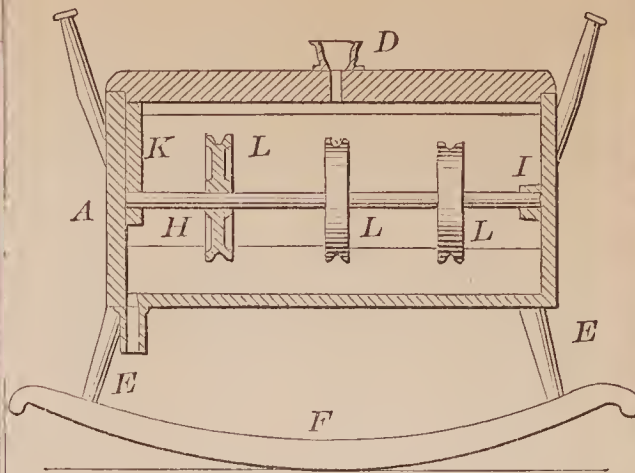
63477—J. W. Conway—*Hay Press.*



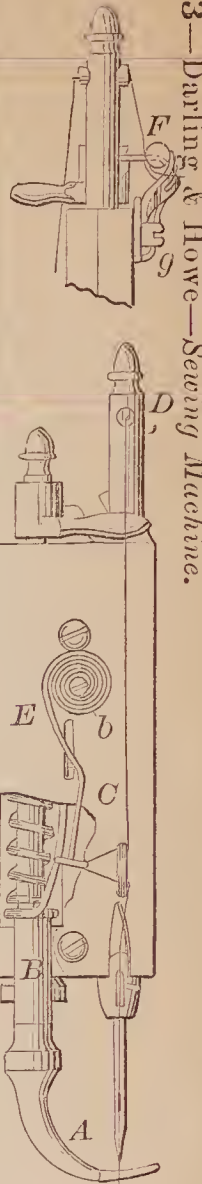
63482—A. Dabb—*Fence Picket.*



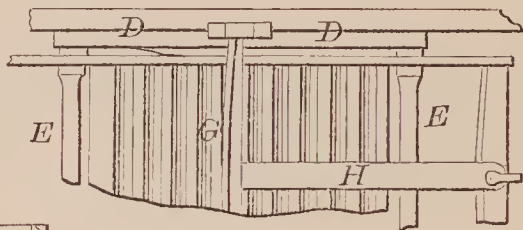
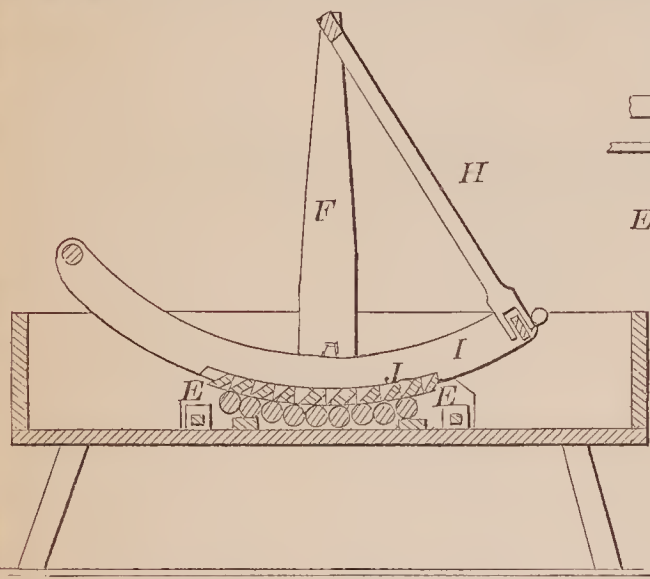
63485—G. Deckman—*Churn.*



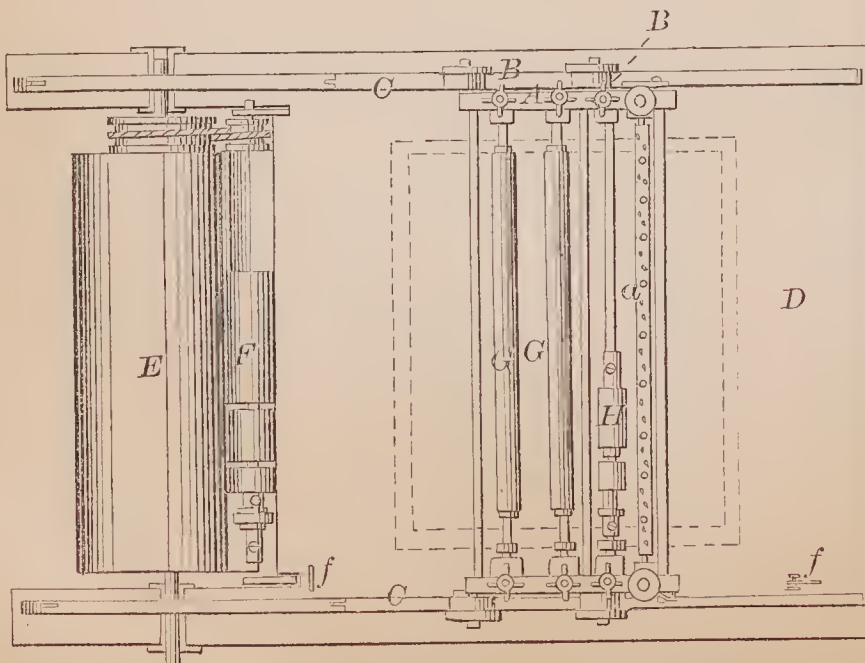
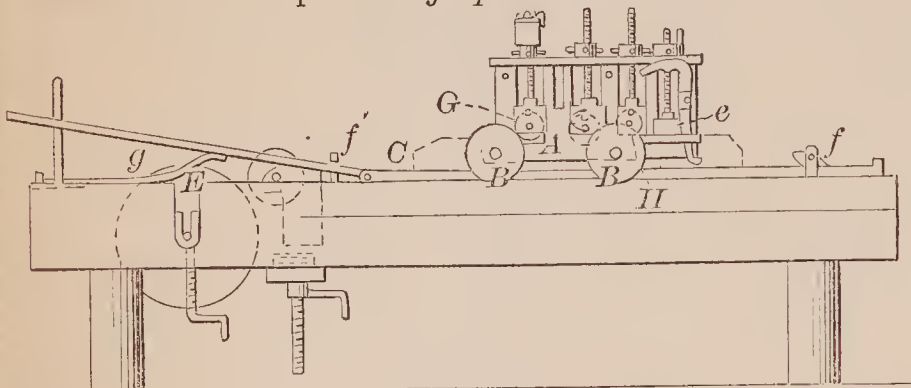
63483—Darling & Howe—Sewing Machine.



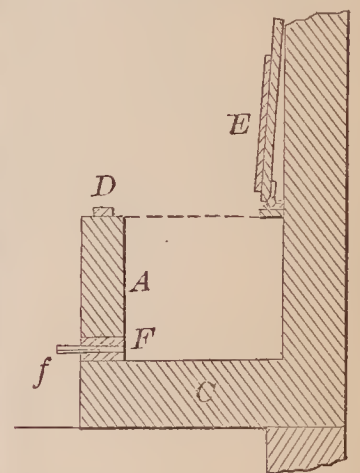
63488—Downie & Johnson—*Washing Machine.*



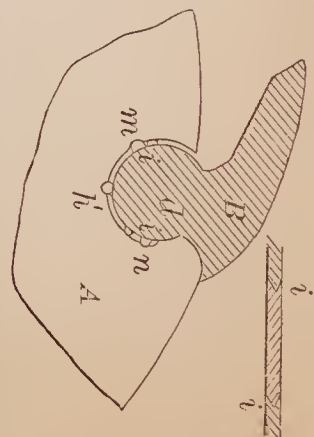
63489—G. Dunlop—*Lithographic Press.*



63484—E. Darnell—*Salting
and Preserving Meat, &c.*



63486—C. Diston—*See*.



63490—Engels & Wieland—*Hot Air Furnace.*

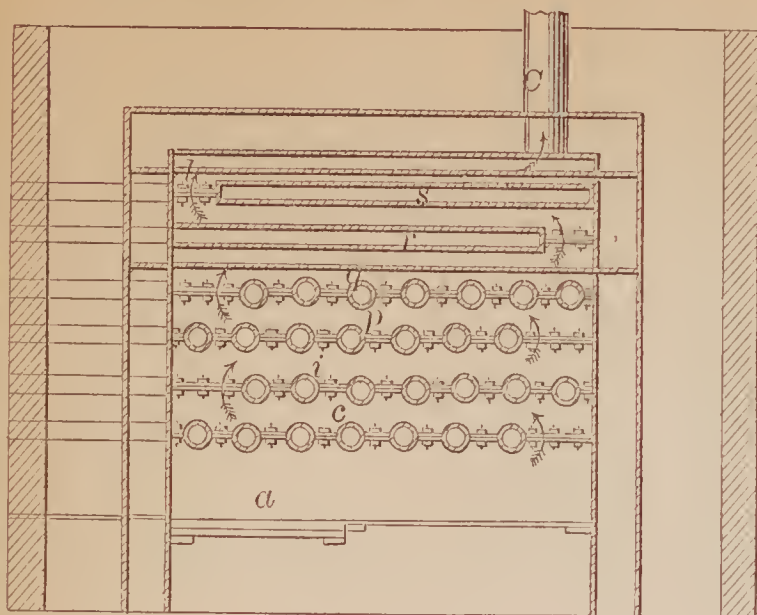
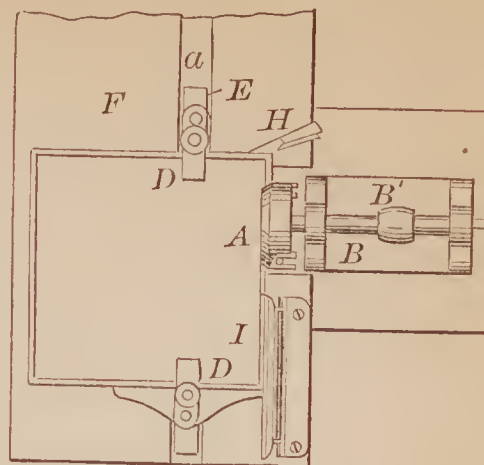
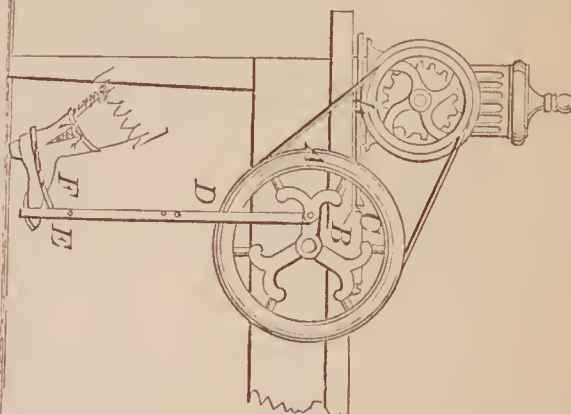


Fig. 6  Fig. 5 

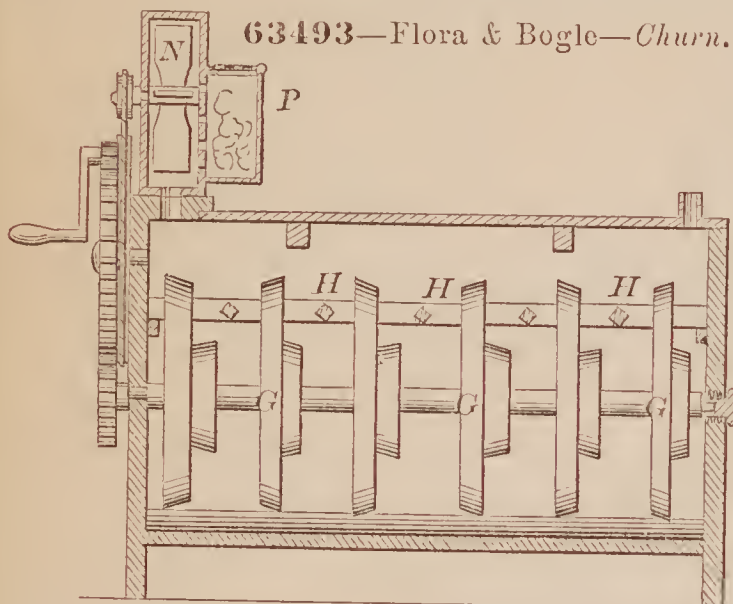
63491—Ferguson & Lovejoy—*For Trimming Metals.*



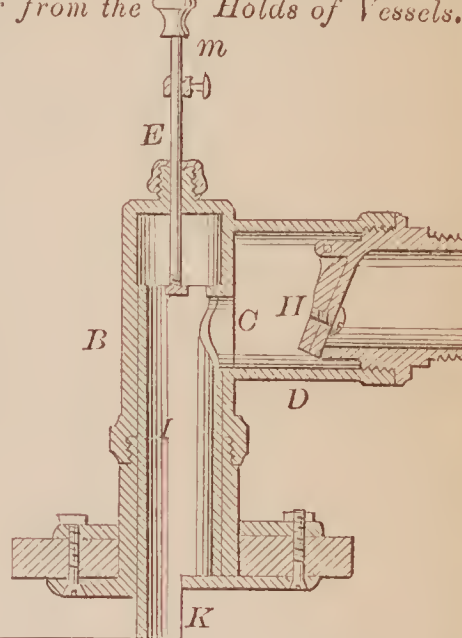
63494—Folsom & Anderson—*Treadle.*



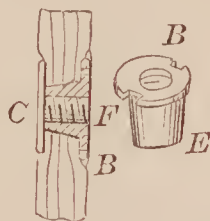
63493—Flora & Bogle—*Churn.*



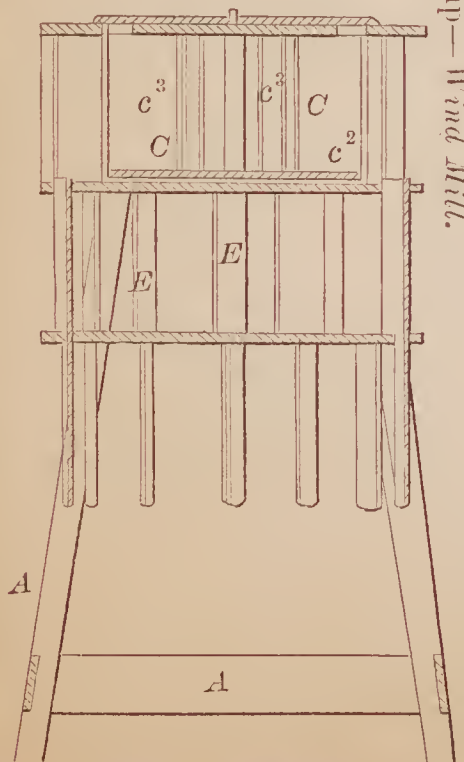
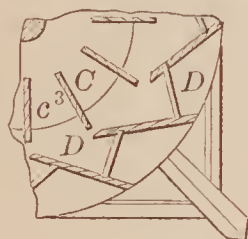
63496—T. W. Fox—*For Expelling Water from the Holds of Vessels.*



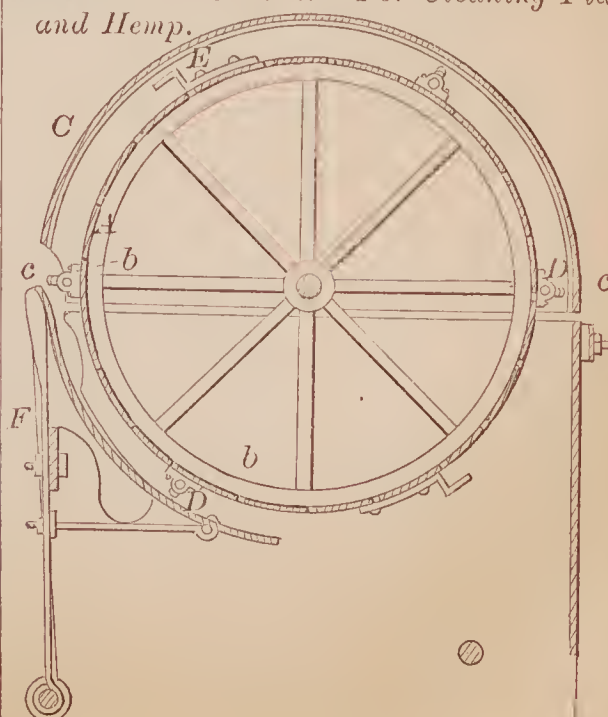
63497—C. Frank—*Belt Rivet.*



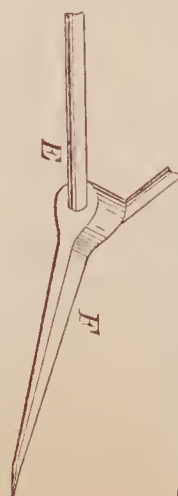
63498—H. P. Gallup—*Wind Mill.*

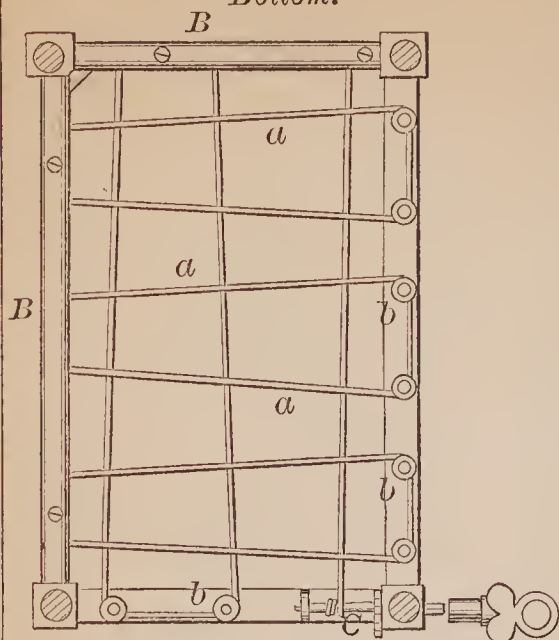
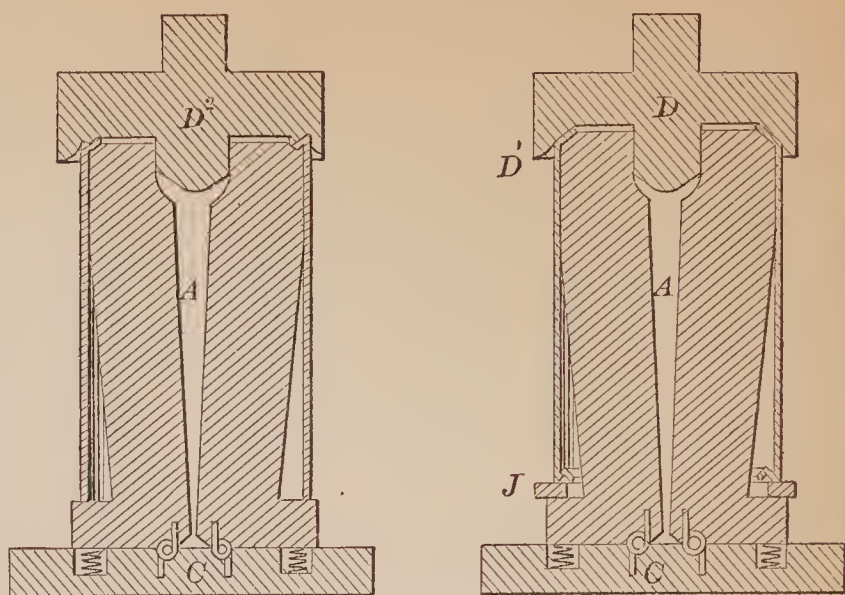
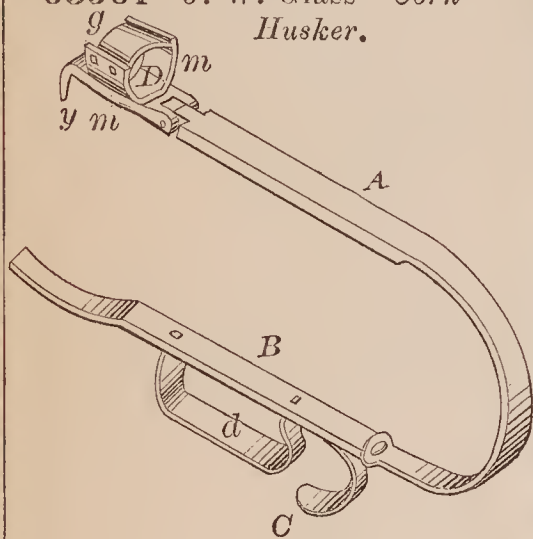
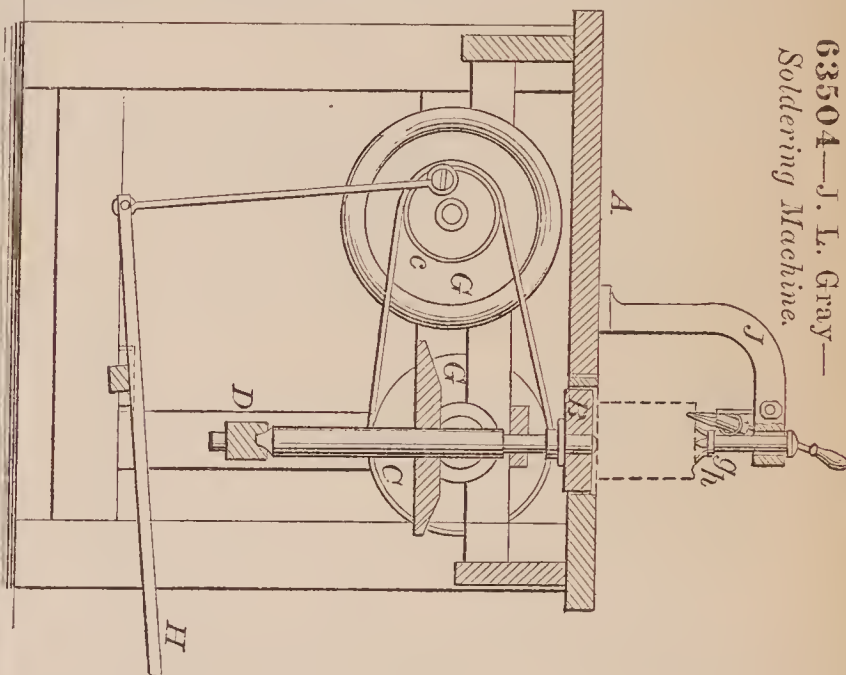
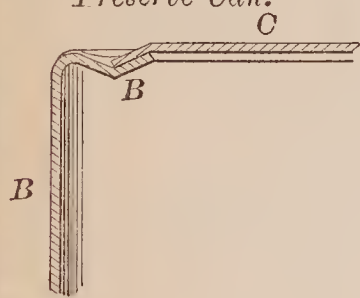
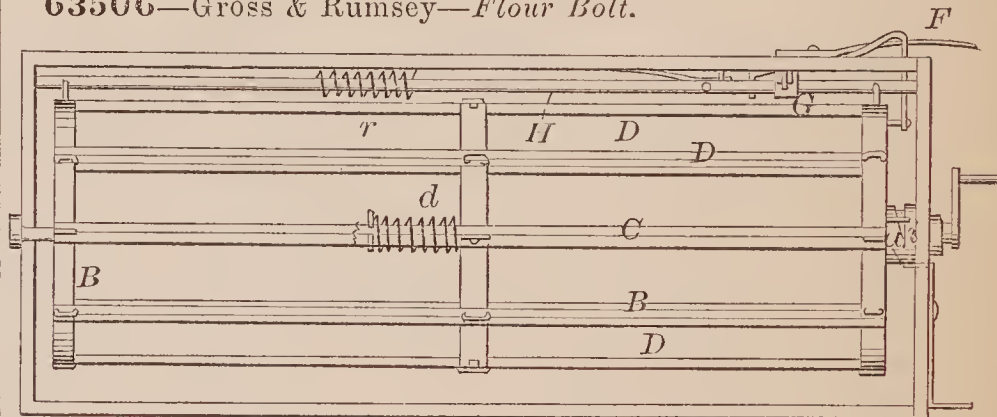
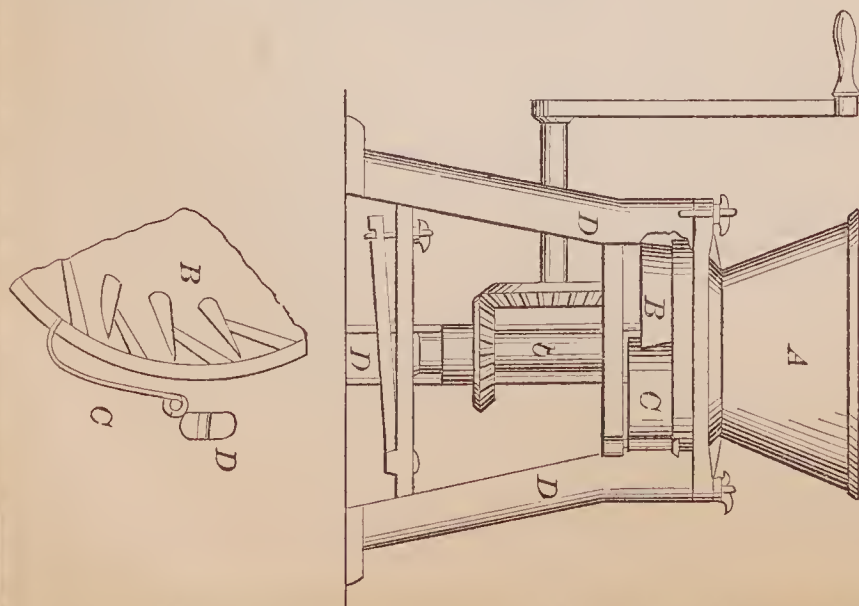
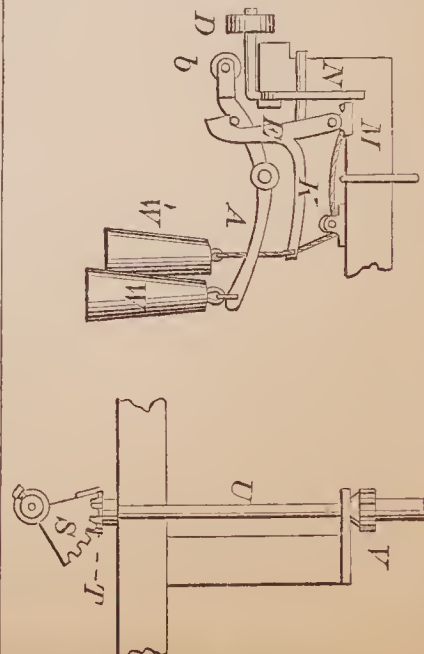


63499—A. Gärtner—*For Cleaning Flax and Hemp.*

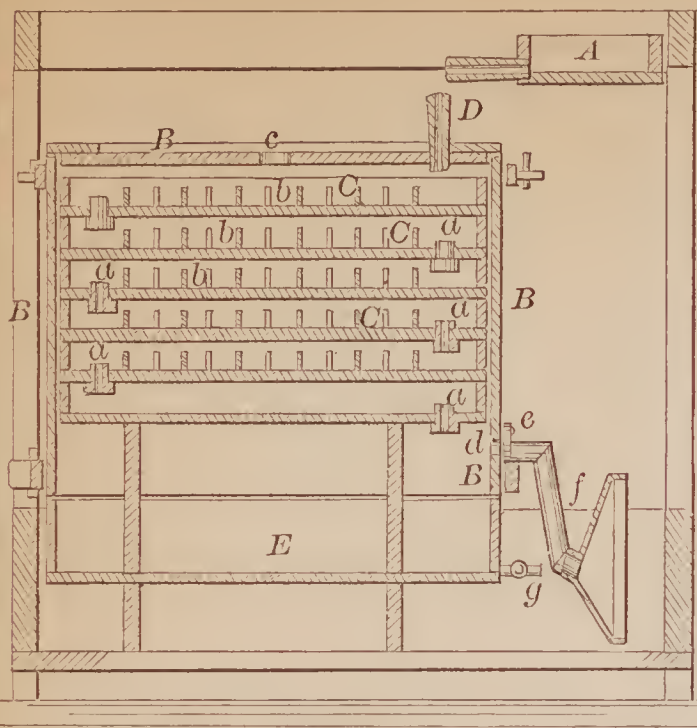


63495—Force & Egnew—*Weather Strip.*

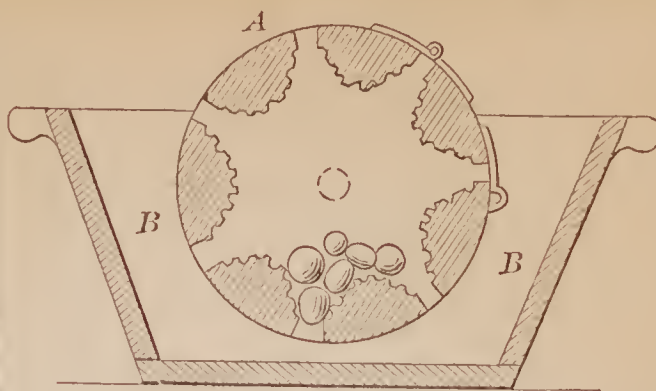


63500—C. F. Gillette—*Bed Bottom.*63503—J. L. Gray—*Die for Making Cans.*63501—J. W. Glass—*Corn Husker.*63504—J. L. Gray—*Soldering Machine.*63505—J. L. Gray—*Preserve Can.*63506—Gross & Rumsey—*Flour Bolt.*63502—S. J. Goodwin—*Paint Mill.*63507—R. Grotz—*Bridge.*

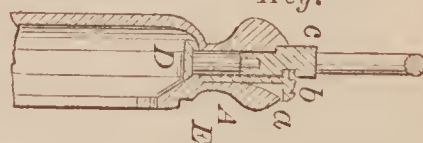
63508—T. Grundmann—*For Making Vinegar.*



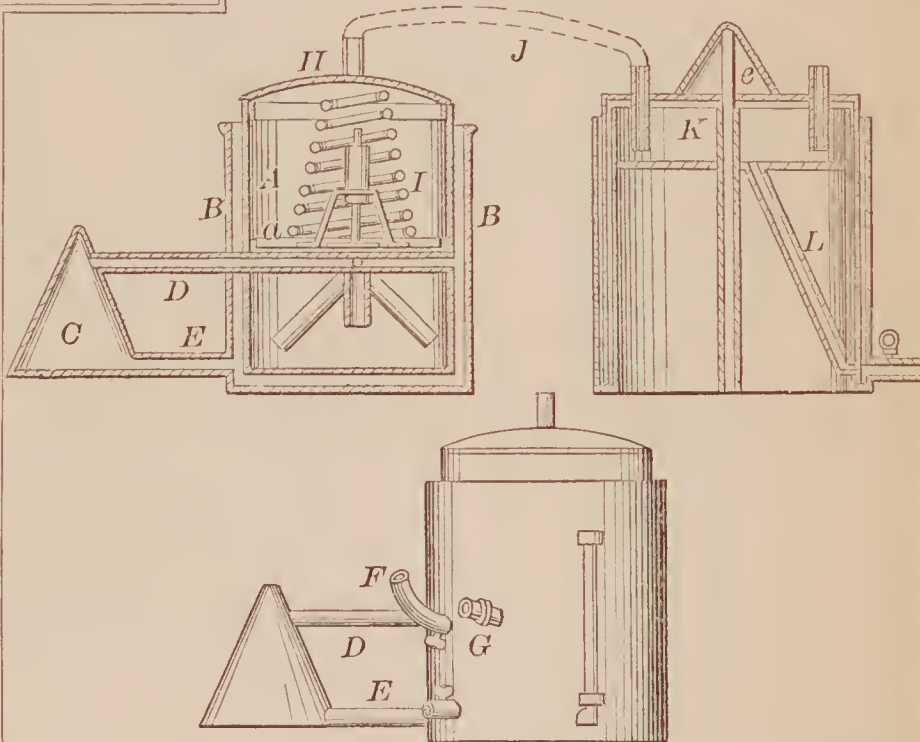
63509—A. W. Hall—*Washing Machine.*



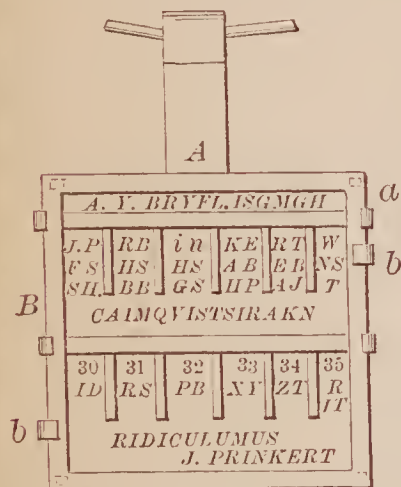
63513—J. A. Hanmann—*Watch Pendant Key.*



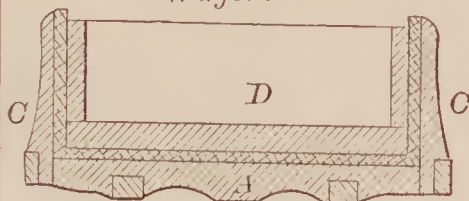
63511—D. Hall—*For Carburetting Gas and Air.*



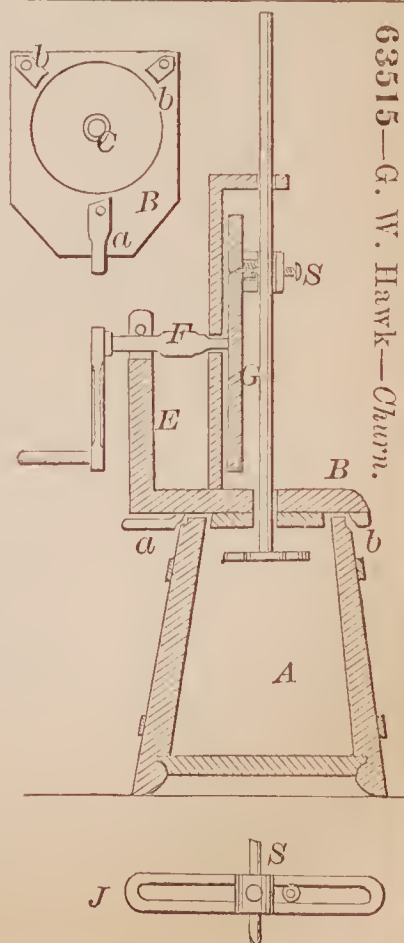
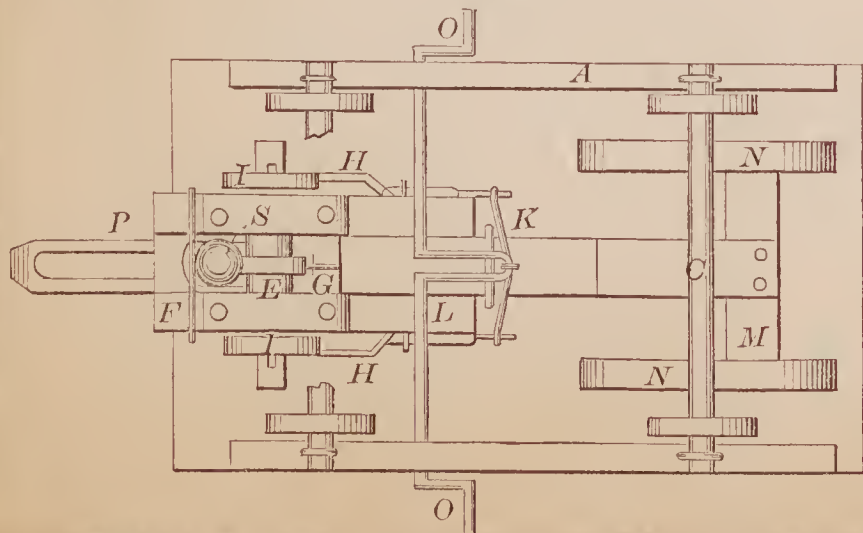
63512—S. Hallock—*Conductor for Electrotyping.*



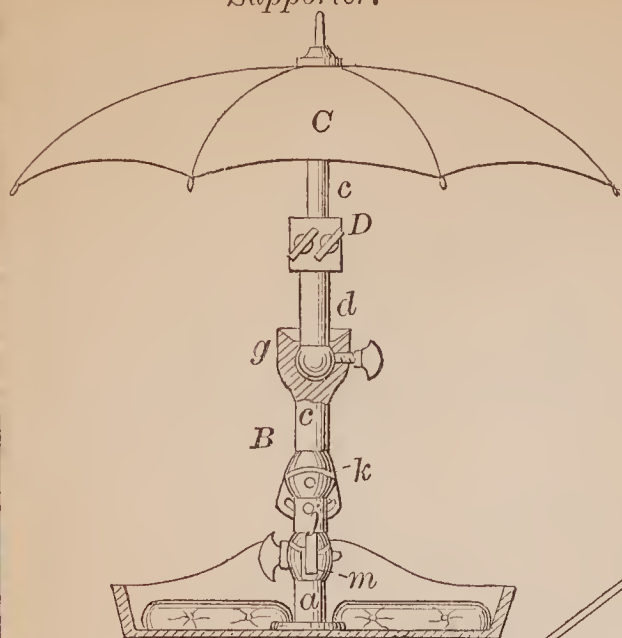
63516—H. S. Heemance—*Wagon.*



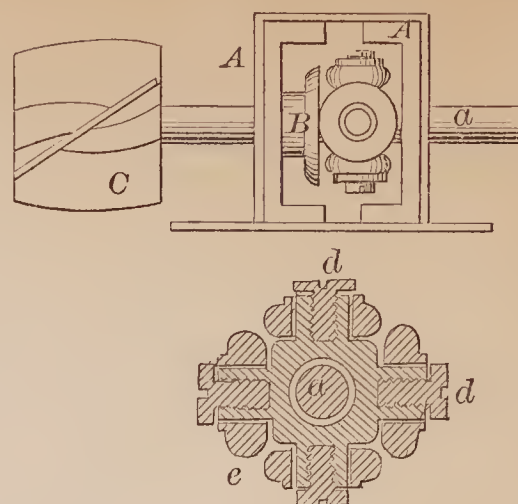
63514—J. H. Harris—*Car Coupling.*



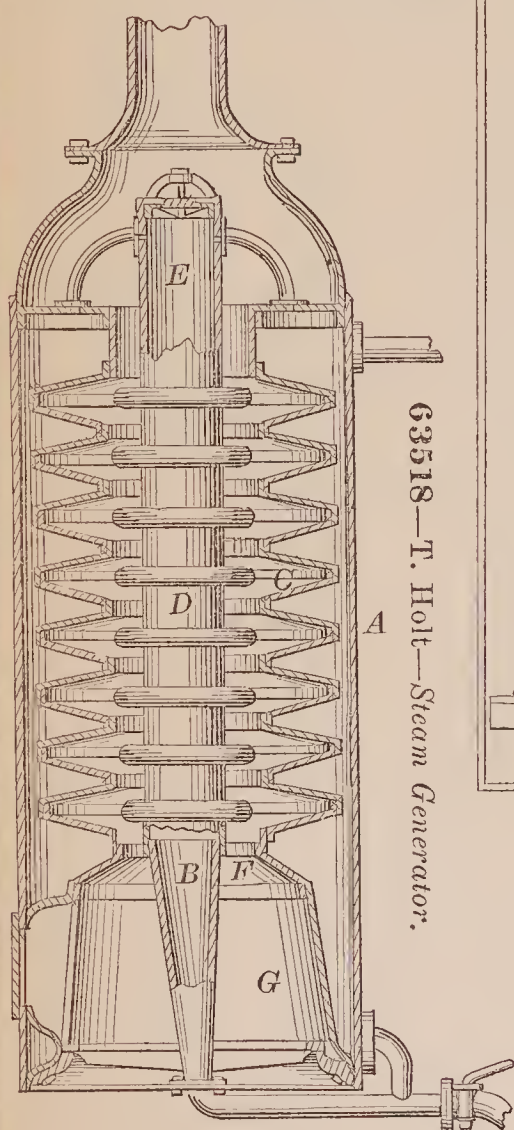
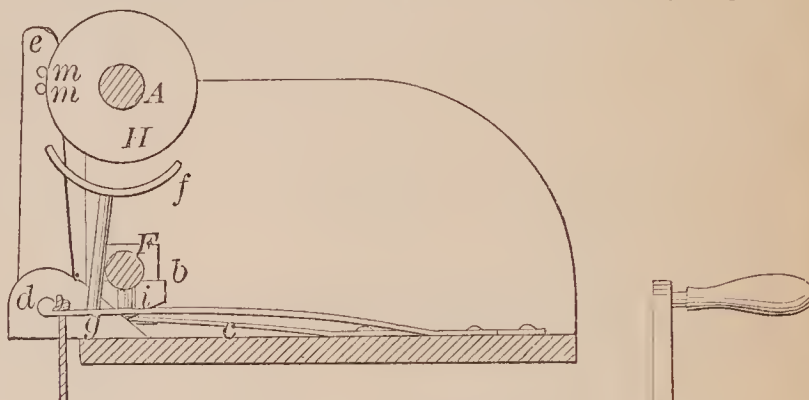
63517—H. S. Heemance—*Umbrella Supporter.*



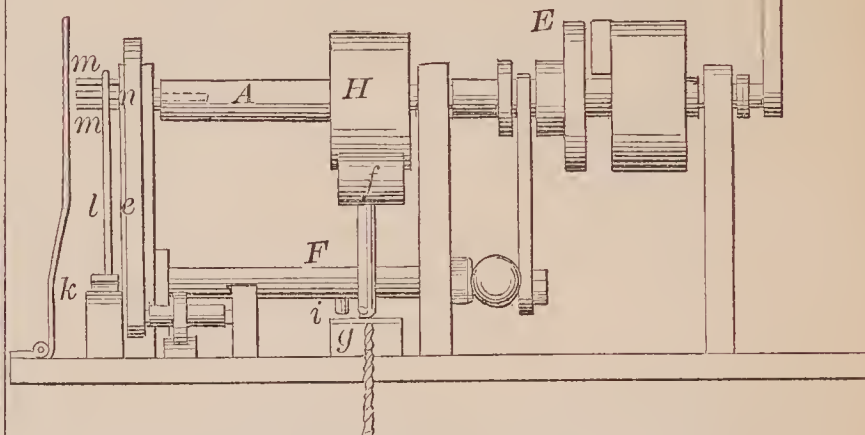
63520—T. Hotchkiss—*Friction Wheel.*



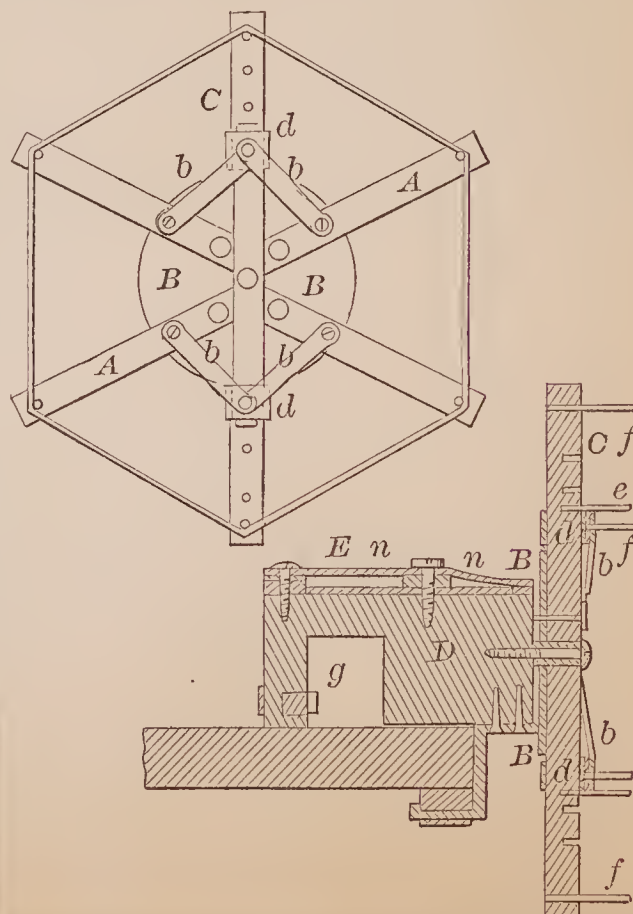
63521—S. McG. Hunter—*For Coiling Springs.*



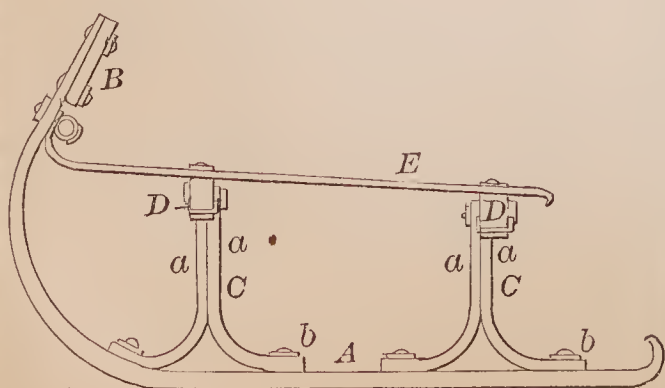
63518—T. Holt—*Steam Generator.*



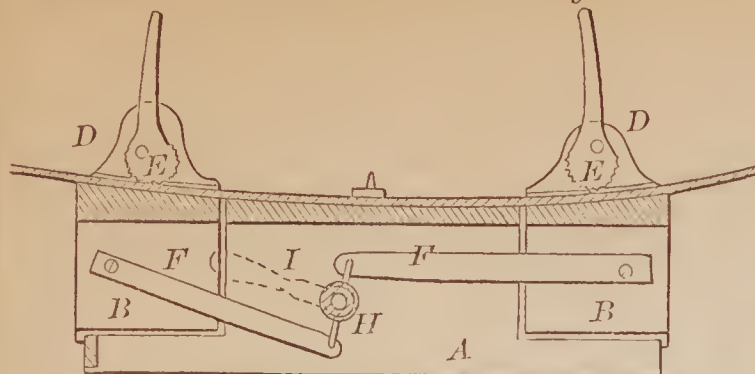
63519—G. W. Horton—*Swift and Reel.*



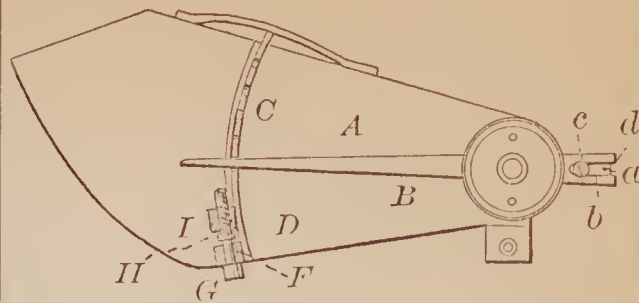
63522—W. H. Huyck—*Sleigh.*



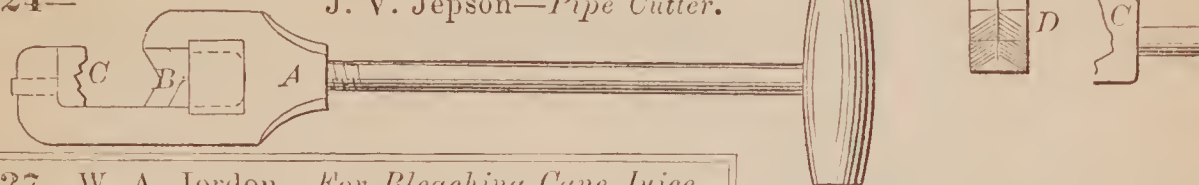
63523—C. Jackson—*For Shrinking Tires.*



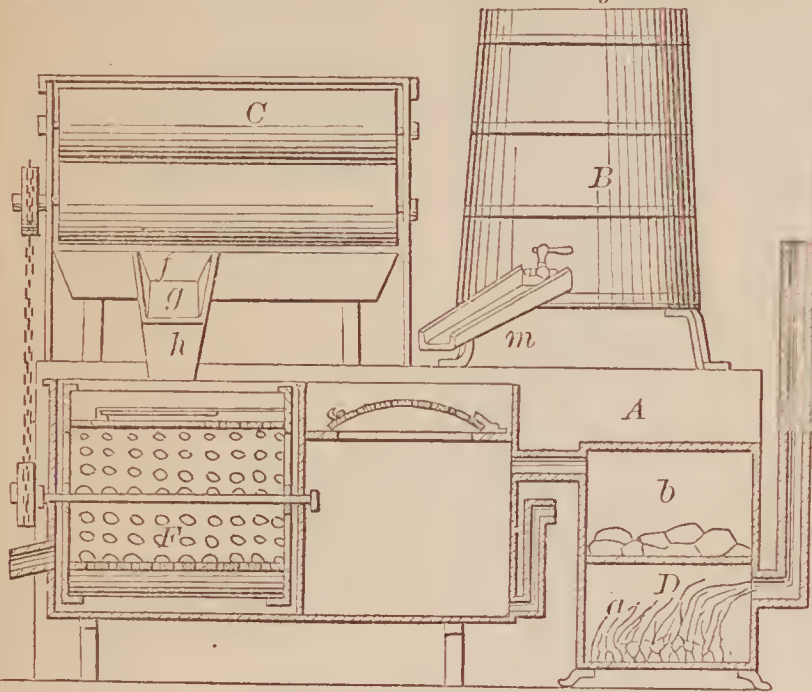
63525—A. Jewett—*Watch Regulator.*



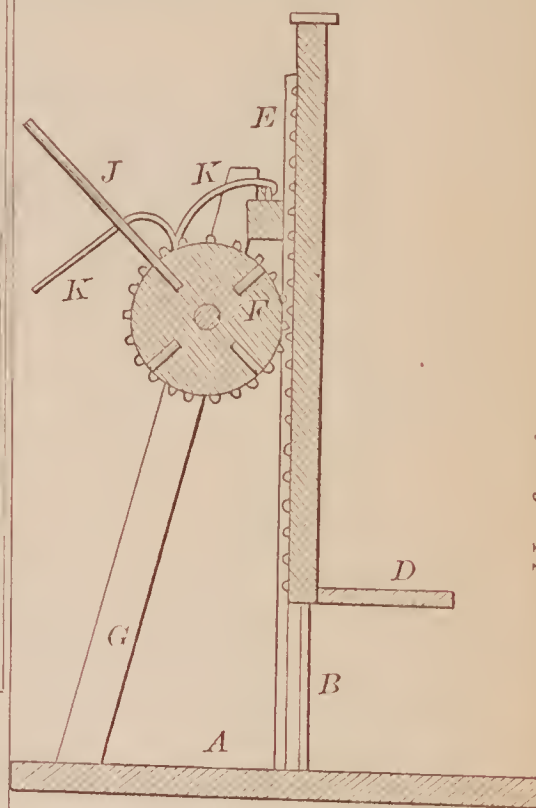
63524—J. V. Jepson—*Pipe Cutter.*



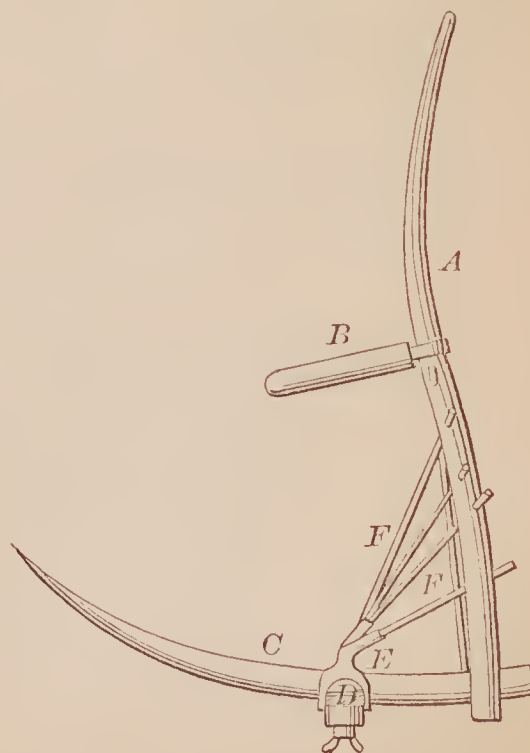
63527—W. A. Jordon—*For Bleaching Cane Juice.*



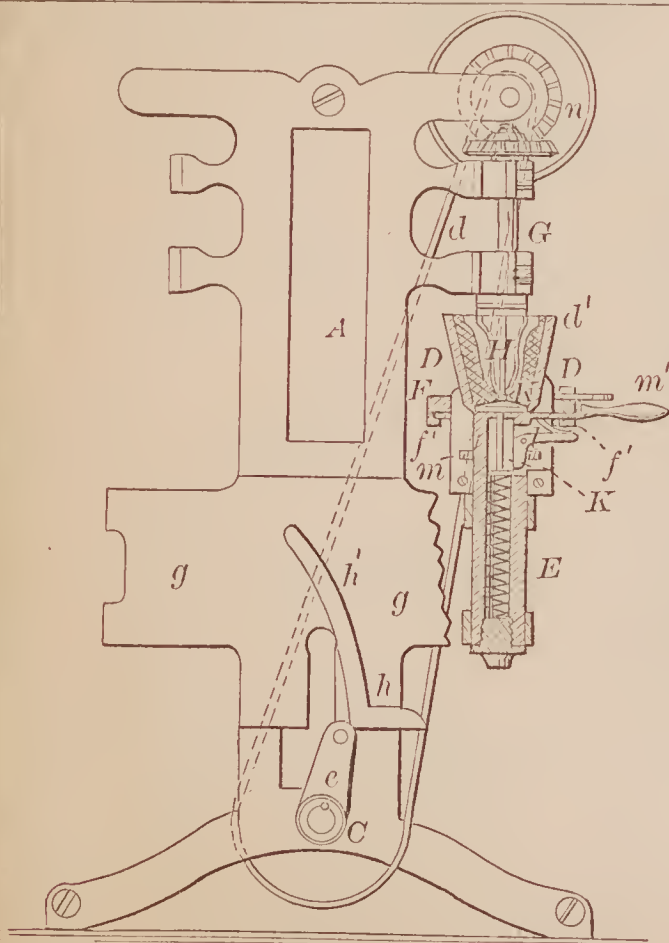
63526—W. L. Jones—*Lifting Apparatus.*



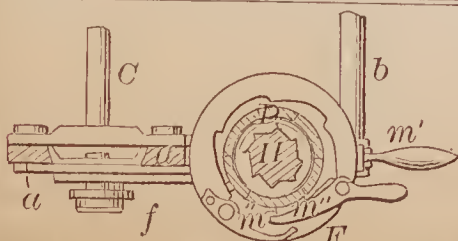
63530—C. P. Kelsey—*Grain Cradle.*

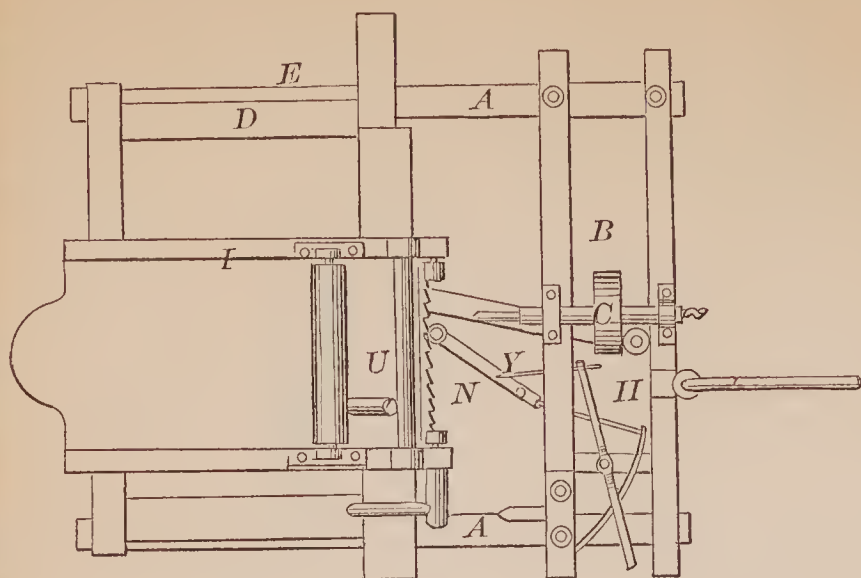
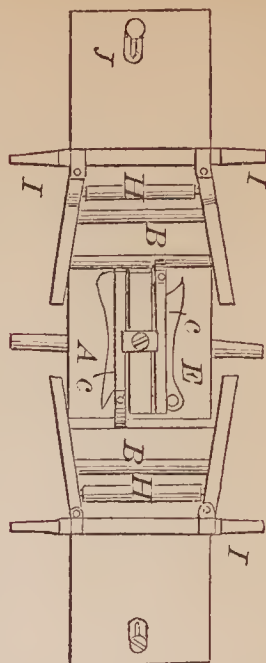
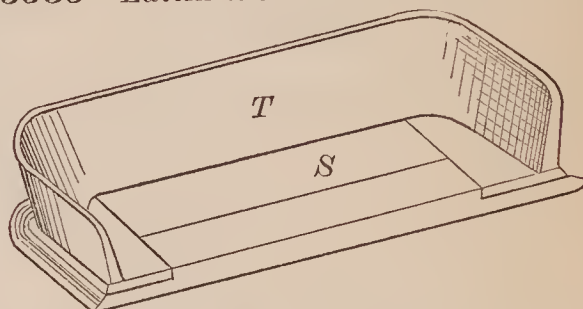
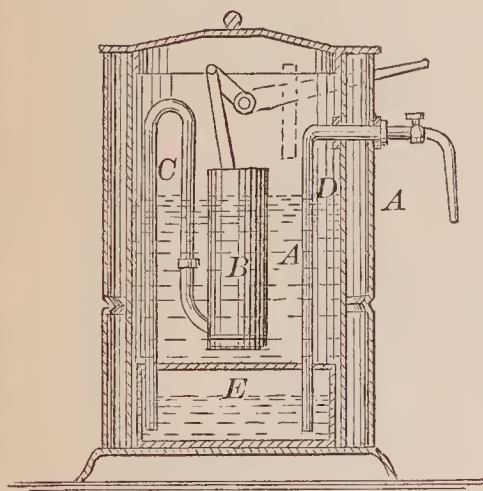
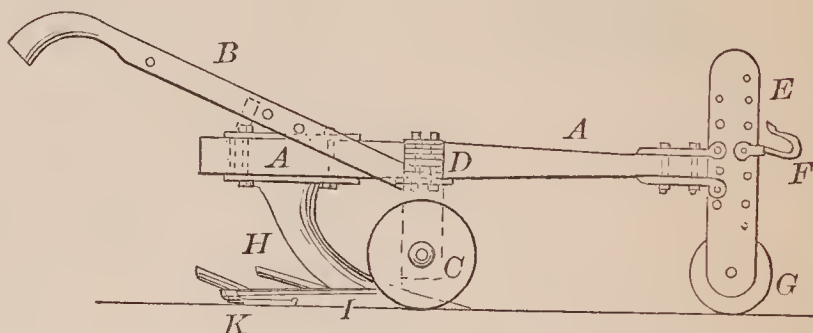
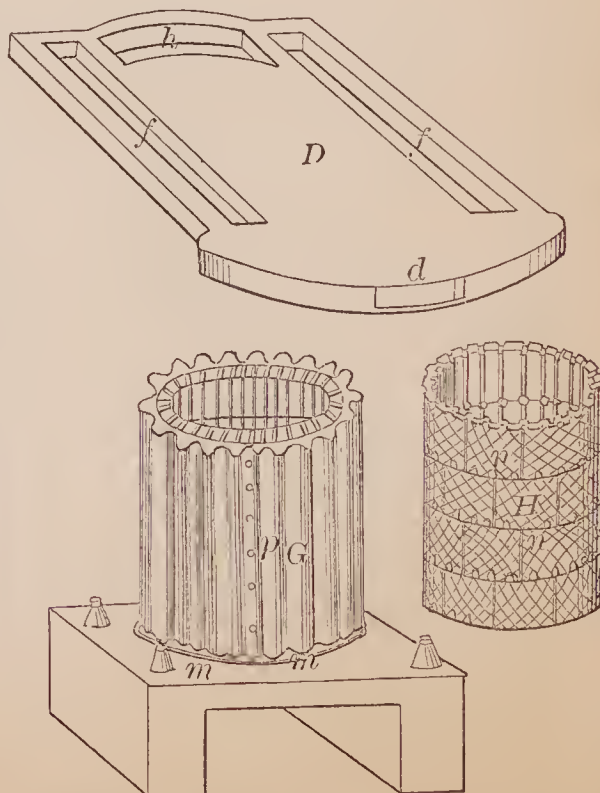
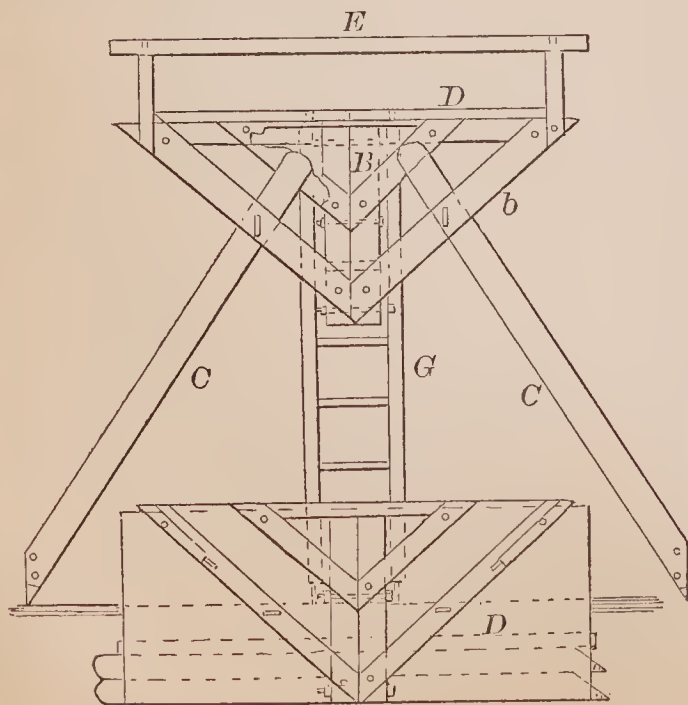


63529—Keil & Tresch—*For Moulding Pottery.*

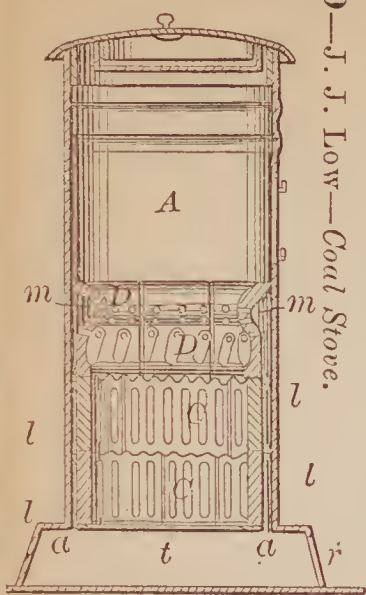


63531—P. Kenny—*Shirt Stud.*

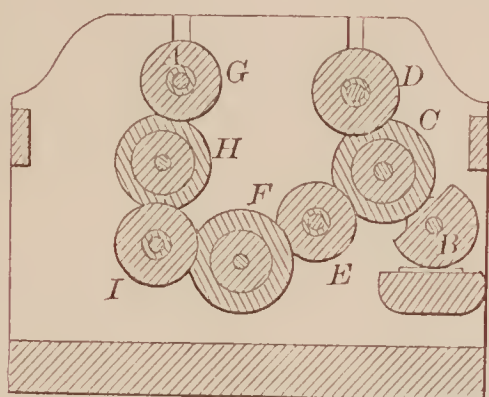
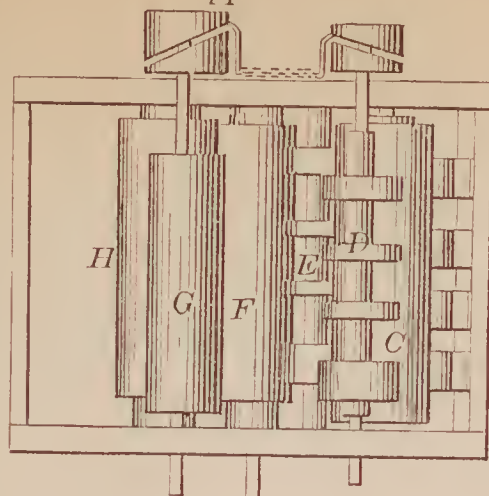


63532—C. B. Knapp—*Boring Machine.*63533—D. I. Langworthy—*Piano Forte Mover.*63535—Lattin & Hubbell—*Vehicle Seat.*63537—T. A. Long—*Soda Fountain.*63534—C. G. Lathrop—*Weed Cutter.*63538—J. J. Low—*Coal Stove.*63536—H. Littlefield—*Scaffold.*

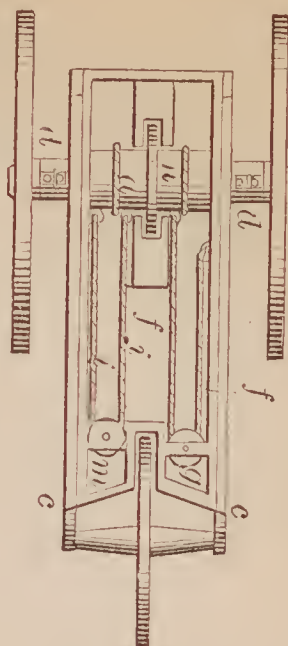
63539—J. J. Low—Coal Stove.



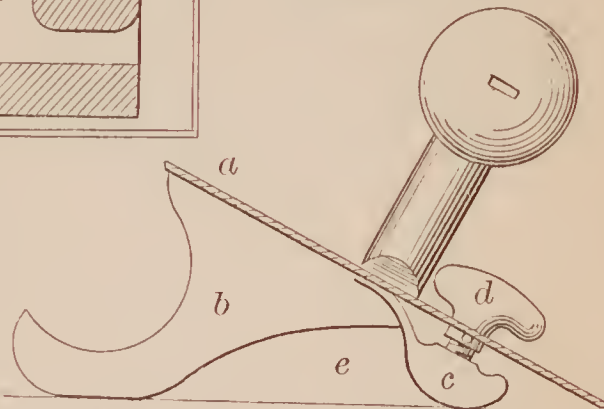
63540—J. K. Lowe—Inking Apparatus.



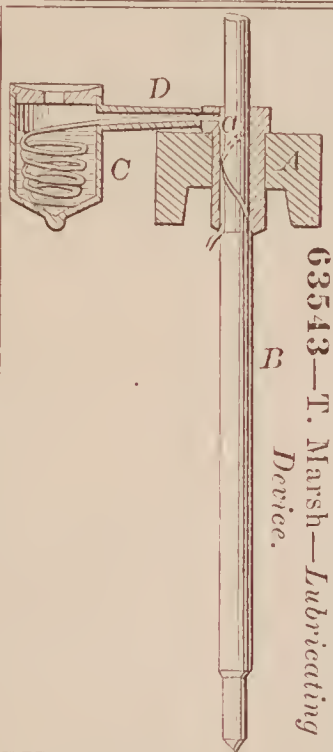
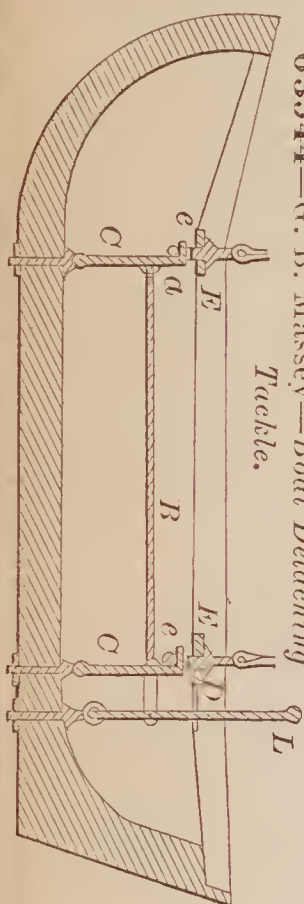
63541—T. A. Madison—Children's Carriage.



63542—T. A. Madison—Plastering Trowel.

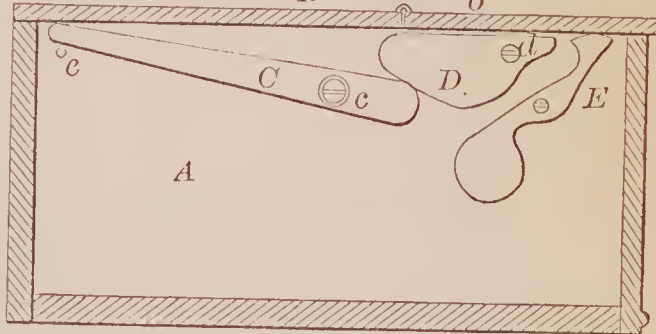


63544—G. B. Massey—Boat Detaching Tackle.

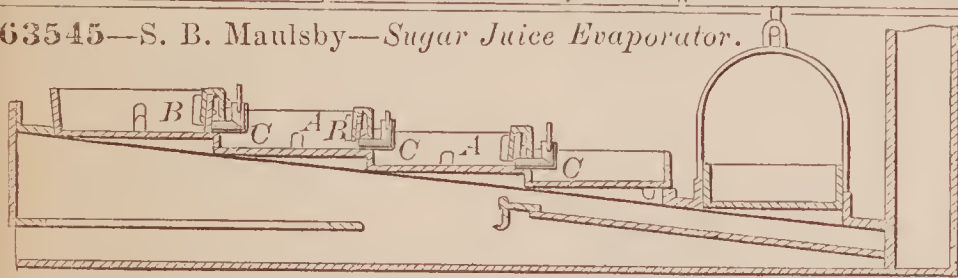


63543—T. Marsh—Lubricating Device.

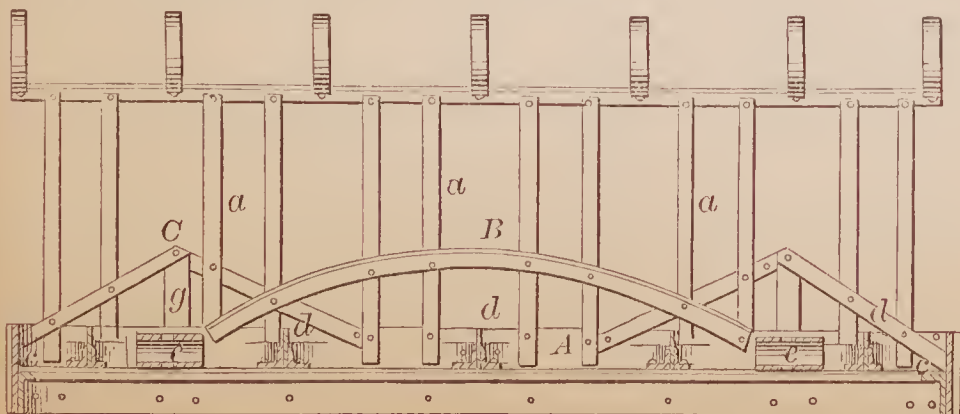
63546—C. E. McDonald—Prop Stick for Piano Fortes.



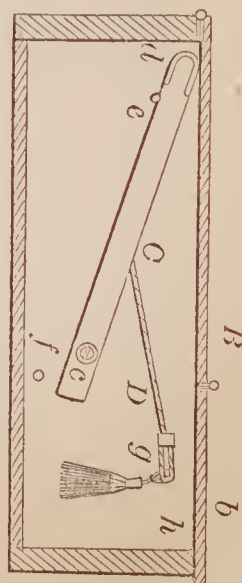
63545—S. B. Maulsby—Sugar Juice Evaporator.

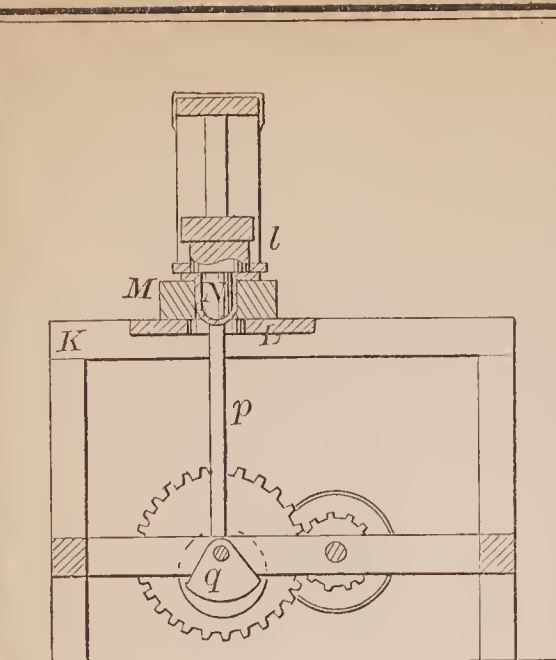


63548—S. Merriek—Car Body Frame.

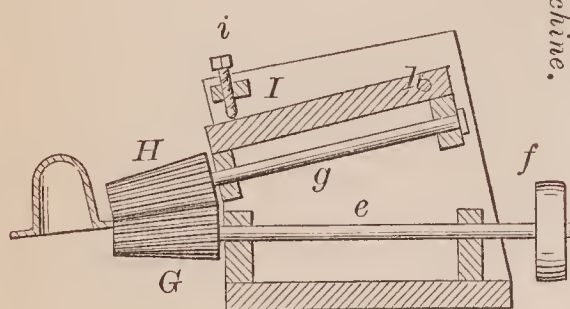


63547—W. H. McDonald—Piano Forte.

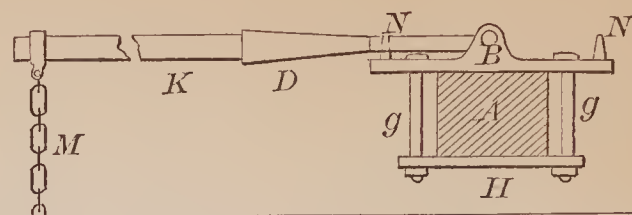




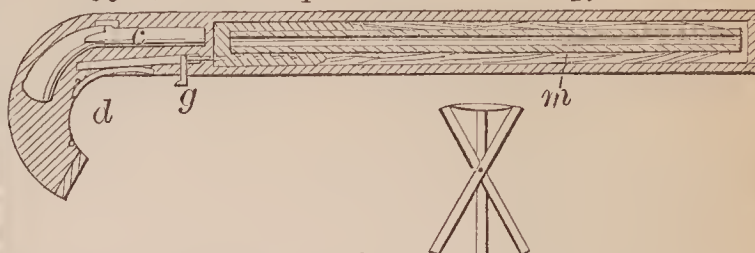
63549—S. S. Middlebrook—Hat Blocking Machine.



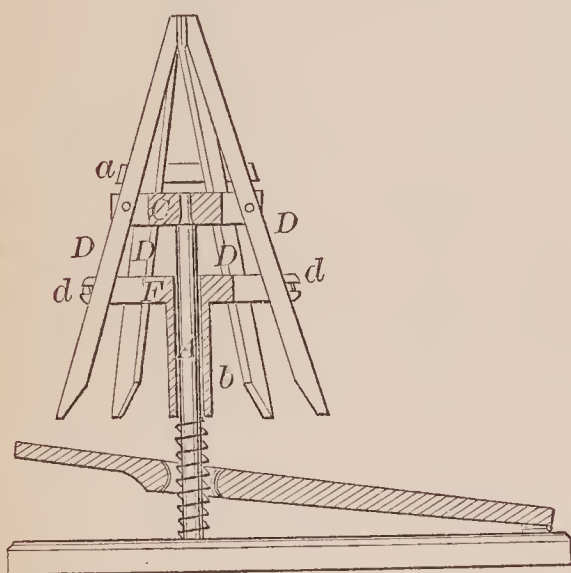
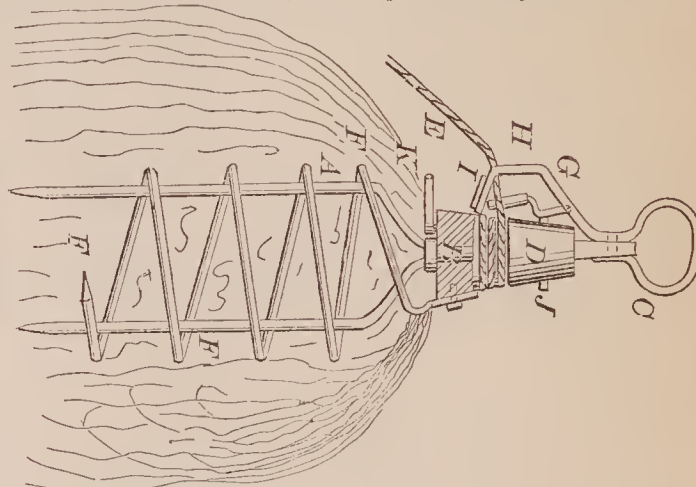
63551—C. Morris—Marking Attachment for Plows.



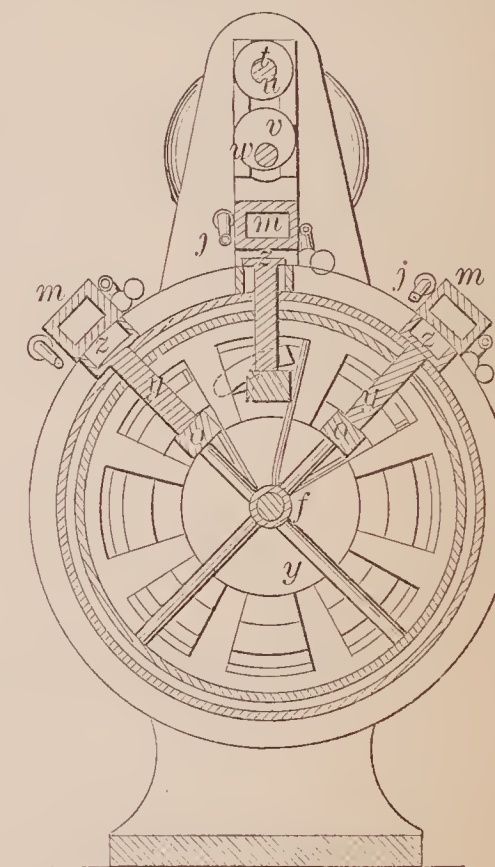
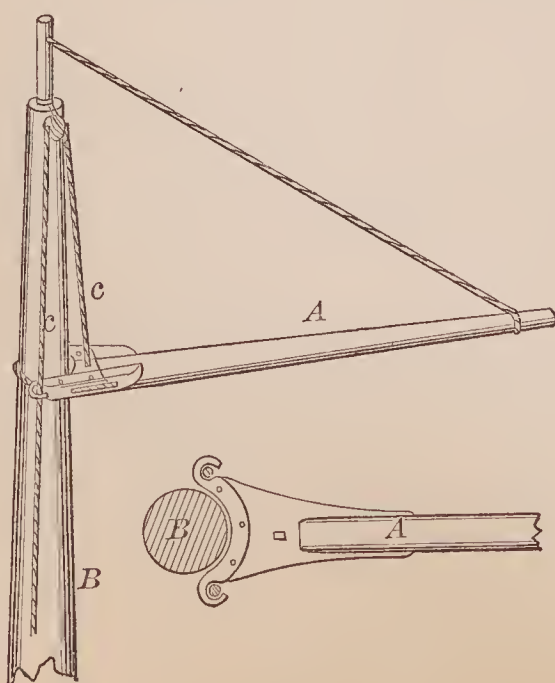
63552—D. Morrison—Cane, Umbrella, Pistol, Dagger, and Camp Stool.



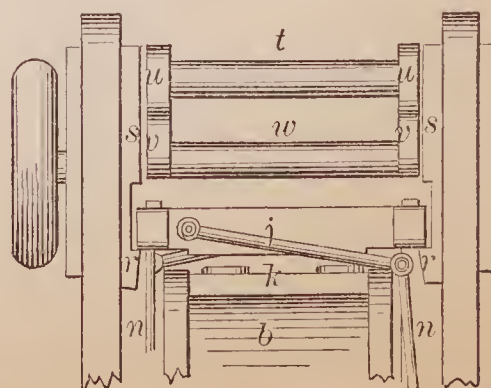
63554—H. Neumeyer—Spiral Hay Fork.



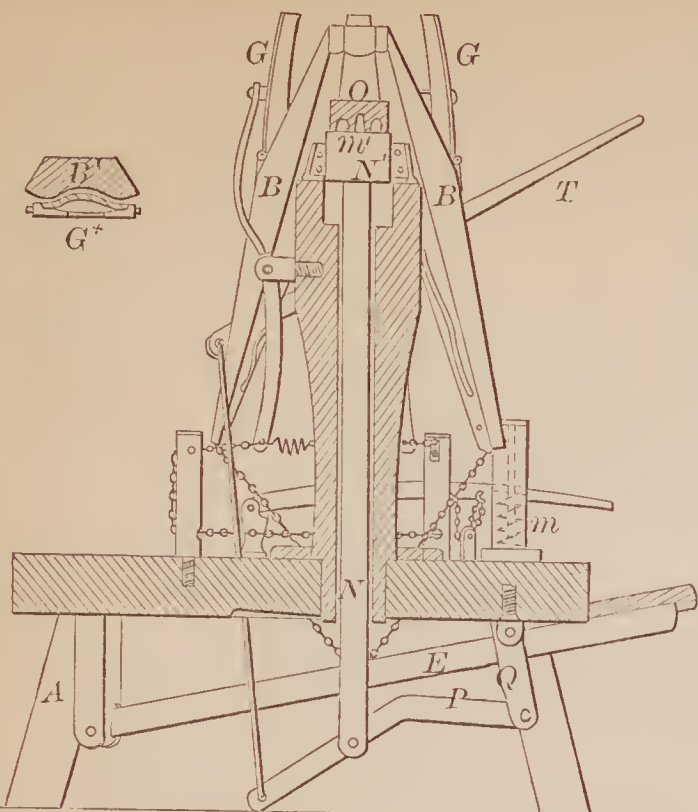
63555—G. C. Pattison—Gaff for Ship's Spars.



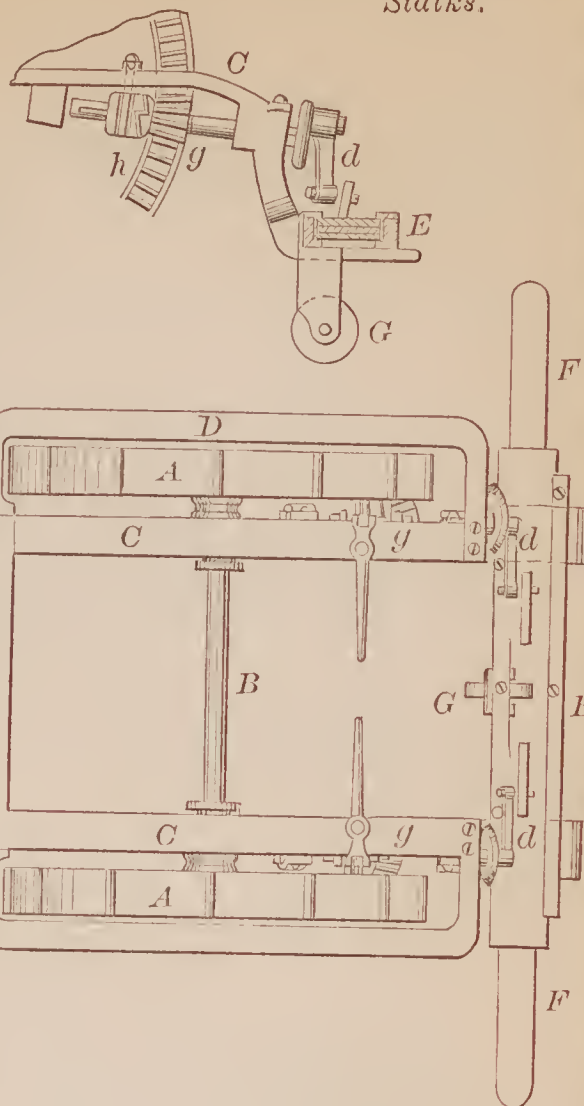
63550—J. R. Moffitt—For Moulding and Vulcanizing Rubber.



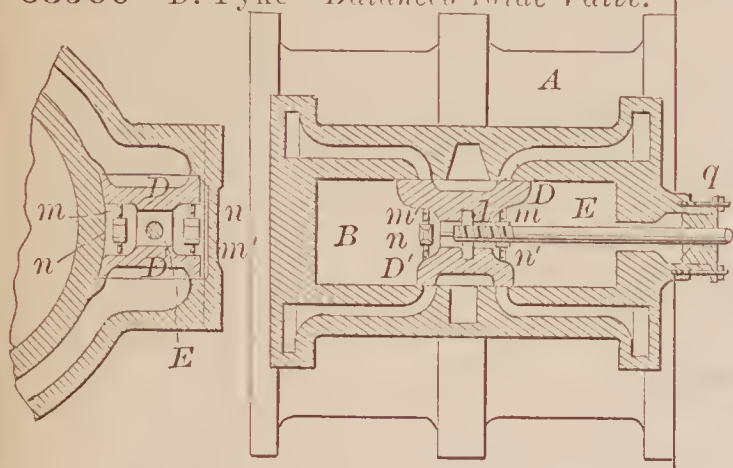
63556—S. Polley—Steaming on Hat Bodies.



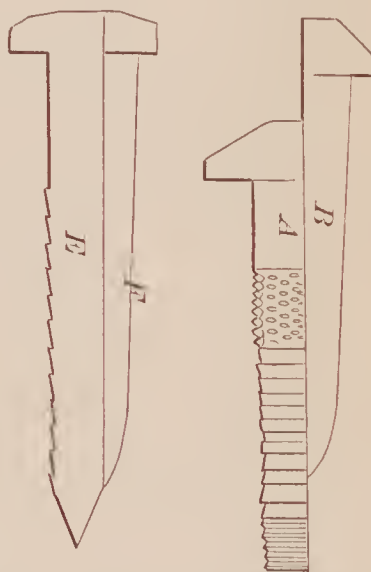
63559—Pye & Souther—For Cutting Stalks.



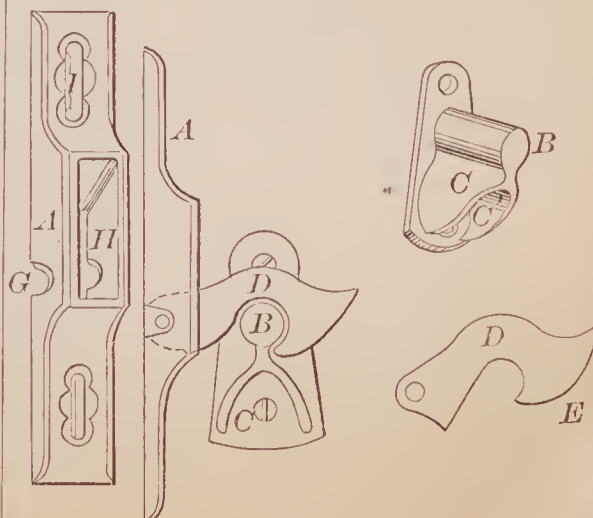
63560—D. Pyke—Balanced Slide Valve.



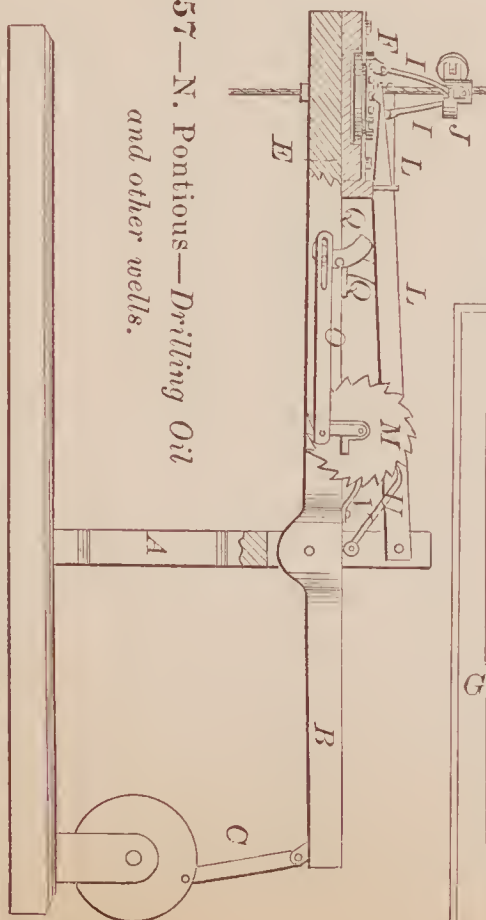
63558—A. Prentiss—Spike and Nail.



63562—C. W. Rhoads—Gate Latch.

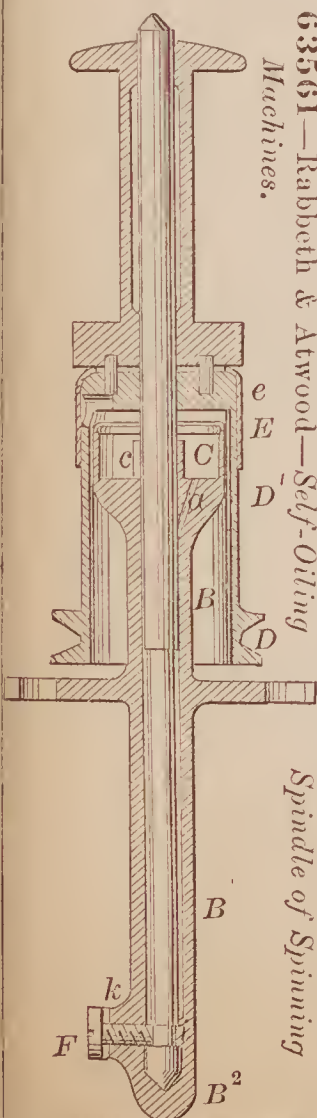


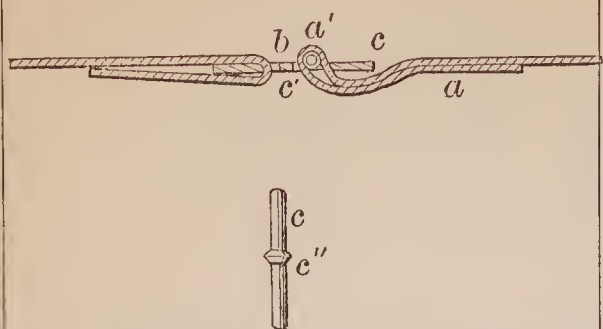
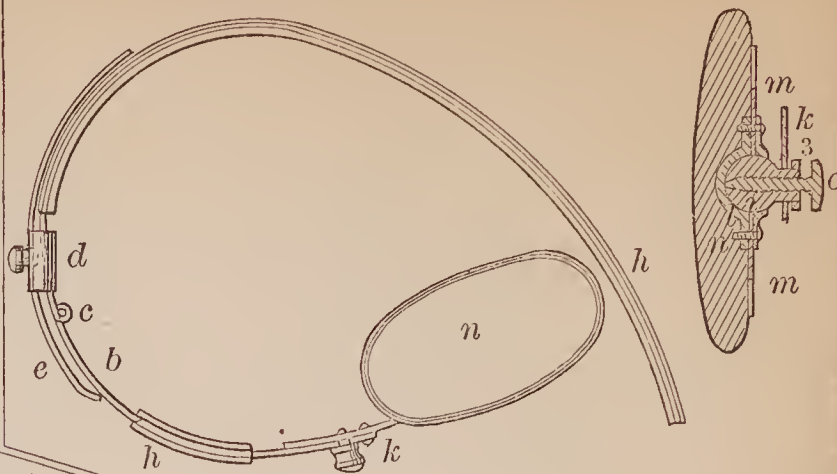
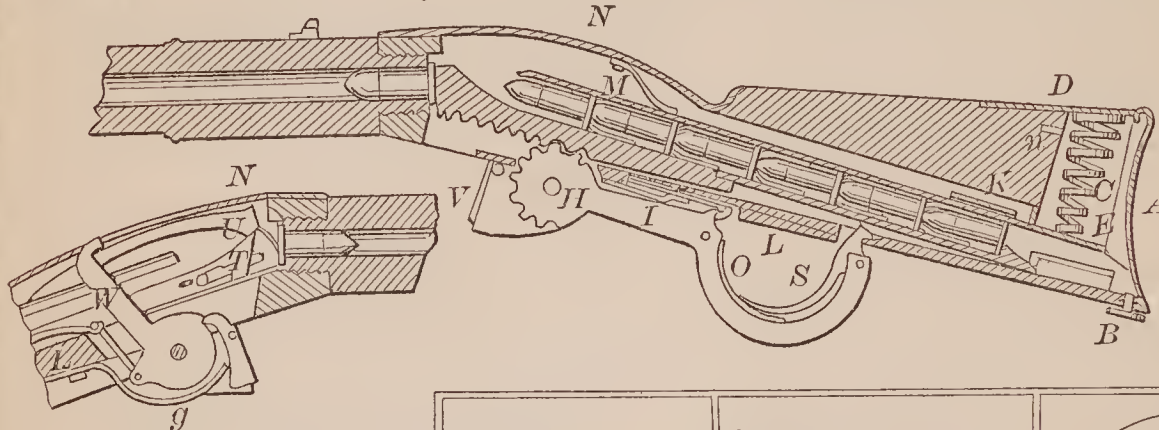
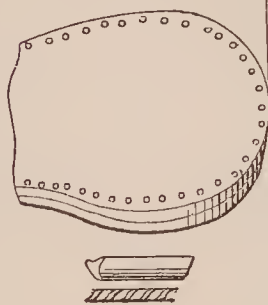
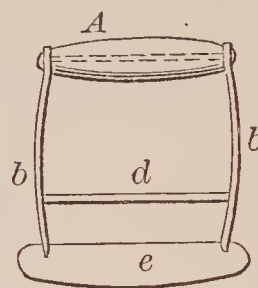
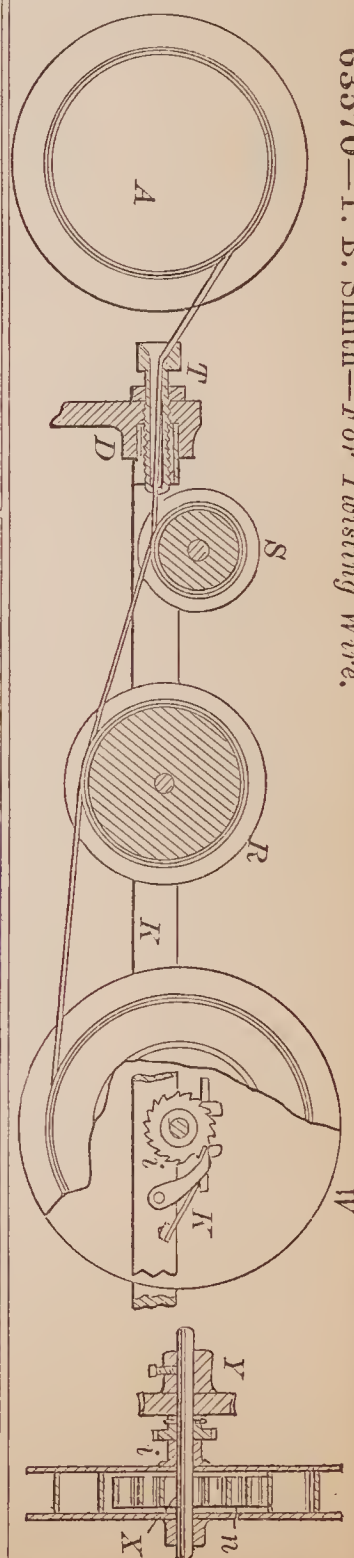
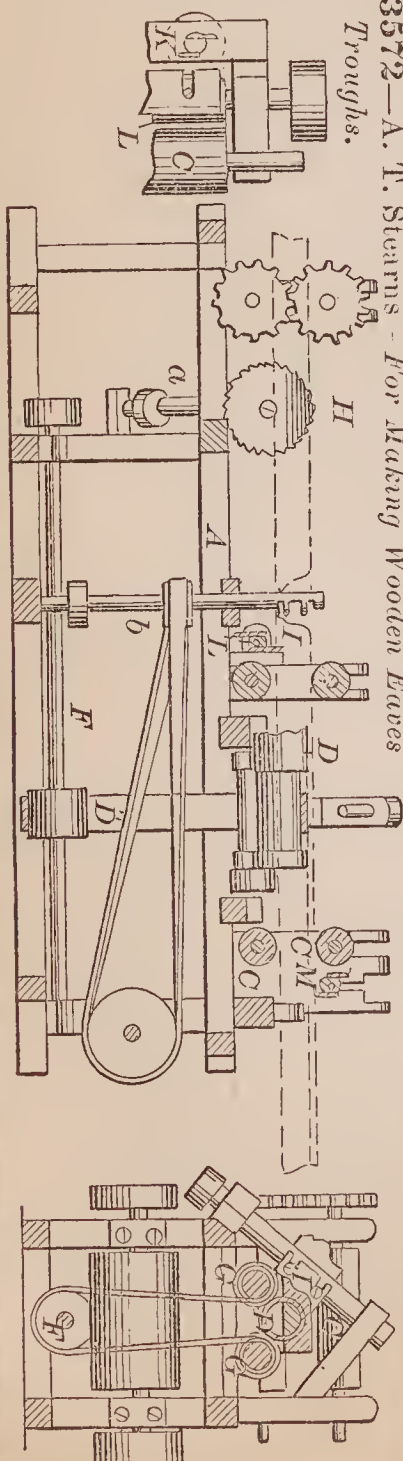
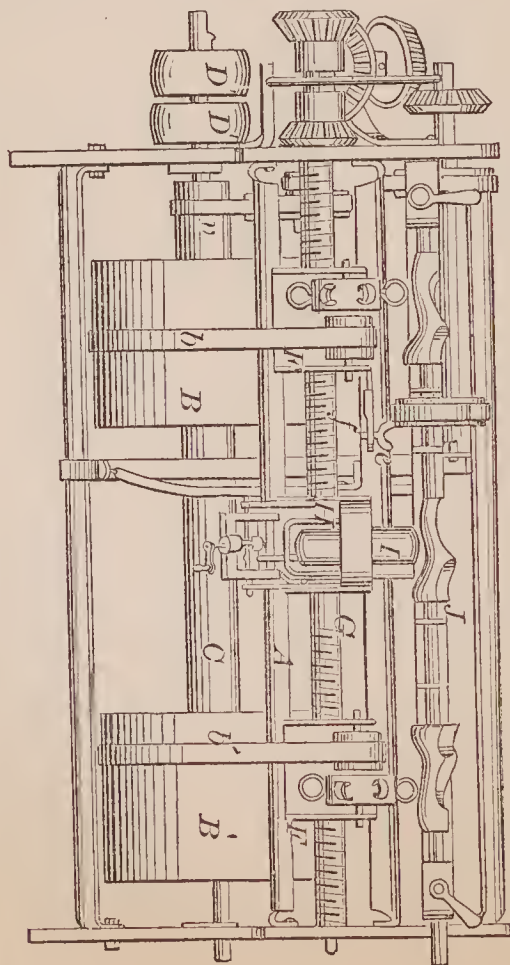
63557—N. Pontious—Drilling Oil and other wells.



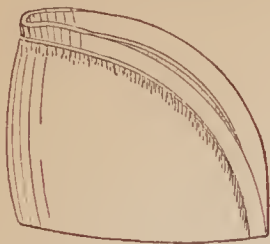
63561—Rabbeth & Atwood—Self-Oiling Machines.

Spindle of Spinning

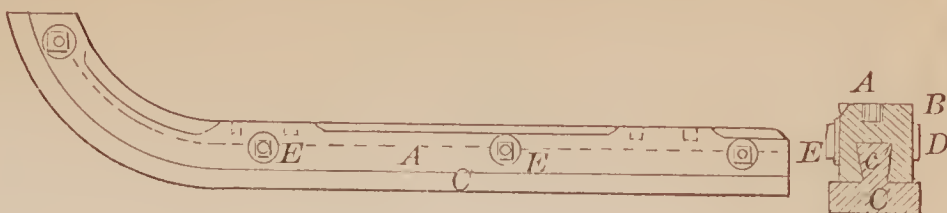


63563—S. O. Ryder—*Bale Tie.*63565—J. A. Sherman—*Truss.*63564—P. Sheckler—*Magazine Fire Arm.*63568—T. B. Smith—*Boots and Shoes.*63569—
T. B. Smith—*Boots and Shoes.*63566—E. Smith—*Meat and Vegetable Chopper.*63570—T. B. Smith—*For Twisting Wire.*63572—A. T. Stearns—*For Making Wooden Leaves*63571—N. Spenli—*Wood Turning Lathe.*

63573—E. M. Stevens—*Heel Stiffener.*



63576—C. Stoddard—*Sleigh Runner.*



63574—A. R. Stewart—*Wood Lathe for Turning Irregular Forms.*

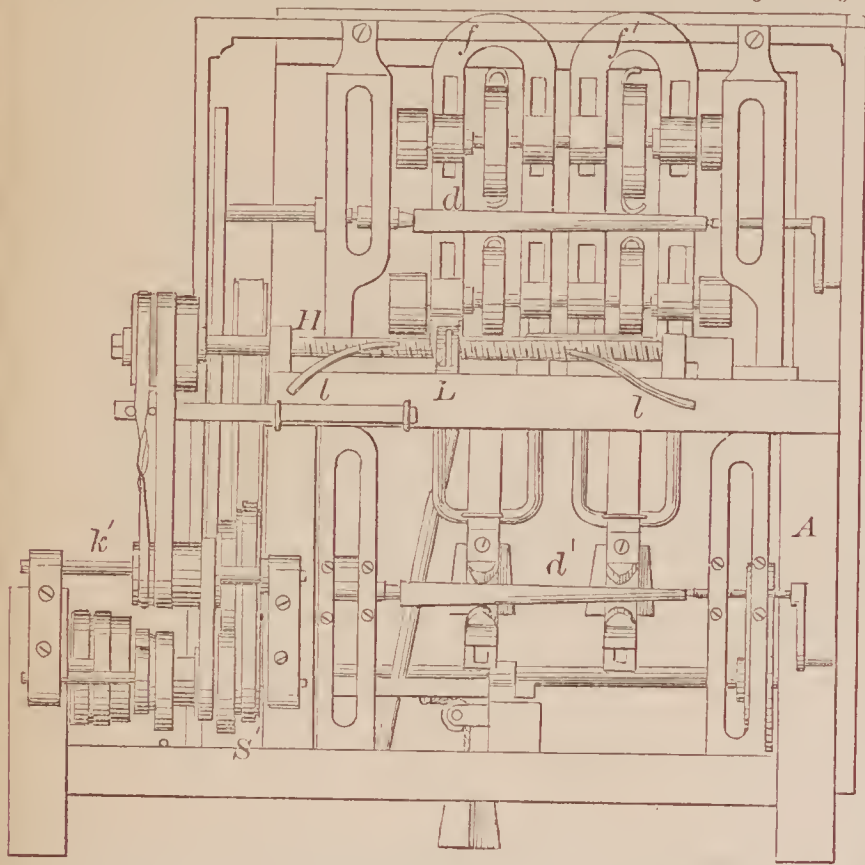
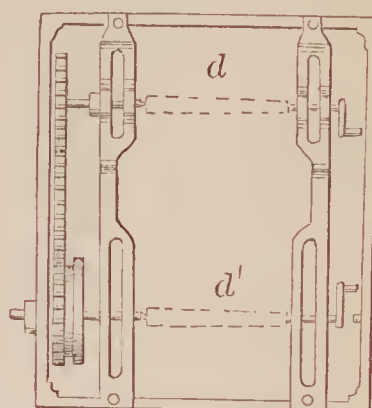
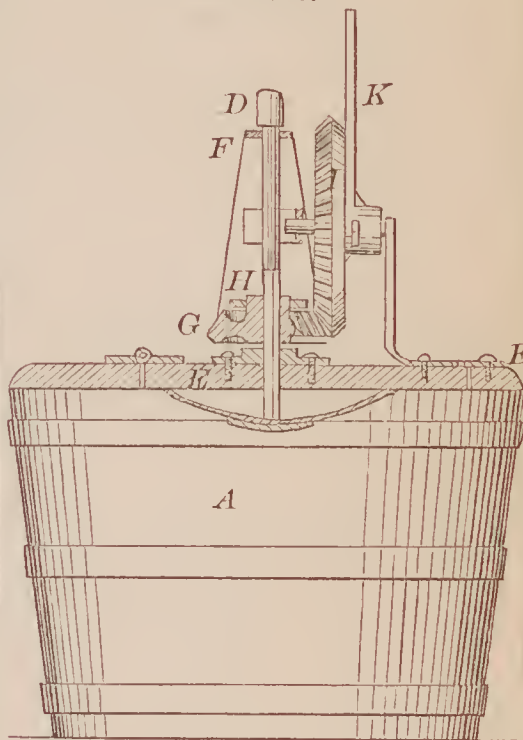


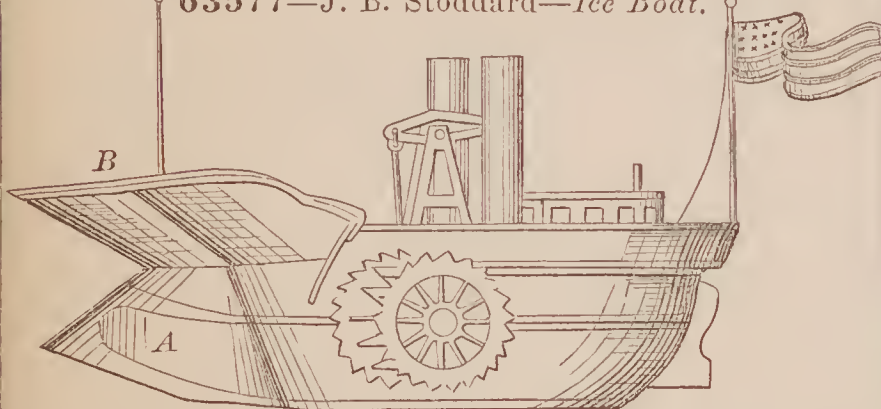
Fig. 5



63579—W. A. Terry—*Washing Machine.*



63577—J. B. Stoddard—*Ice Boat.*



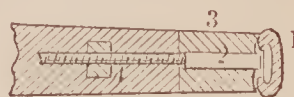
63578—J. E. Taber—*Sink Trap.*



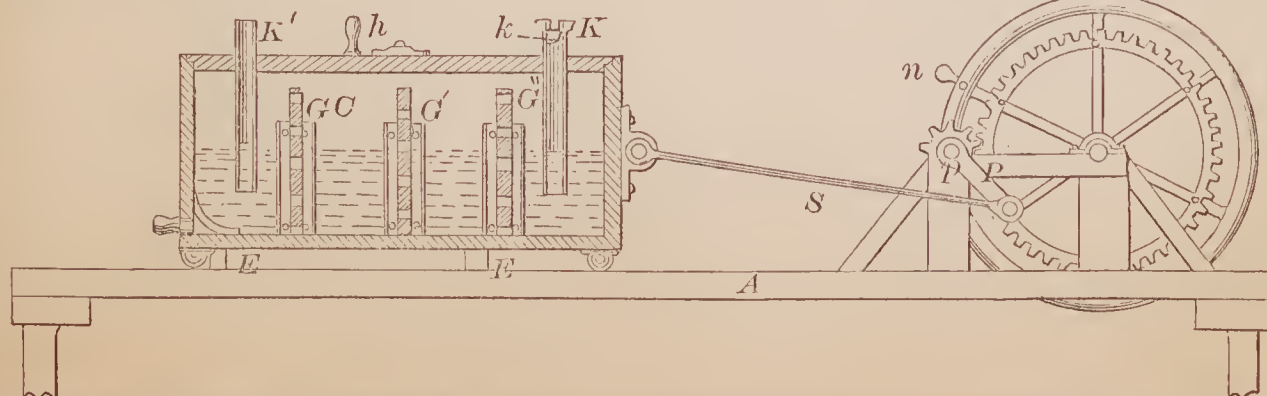
63581—E. W. Tilton—*Saw.*

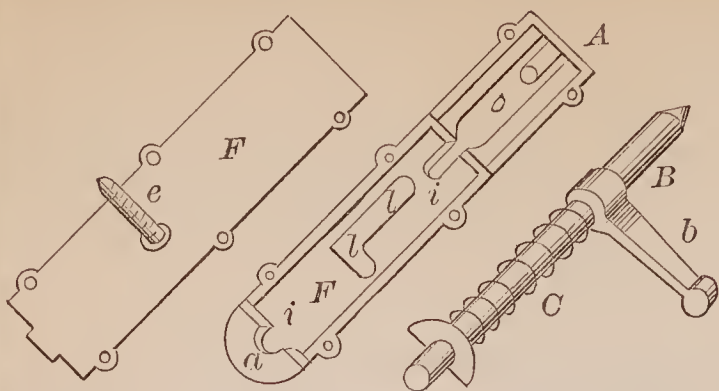
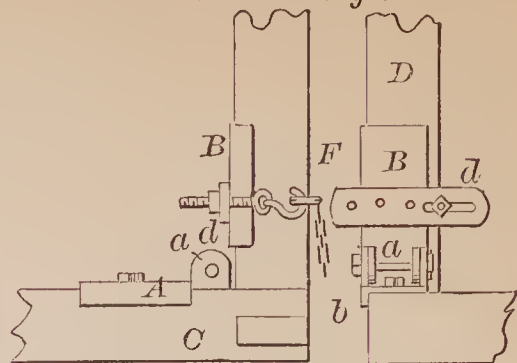
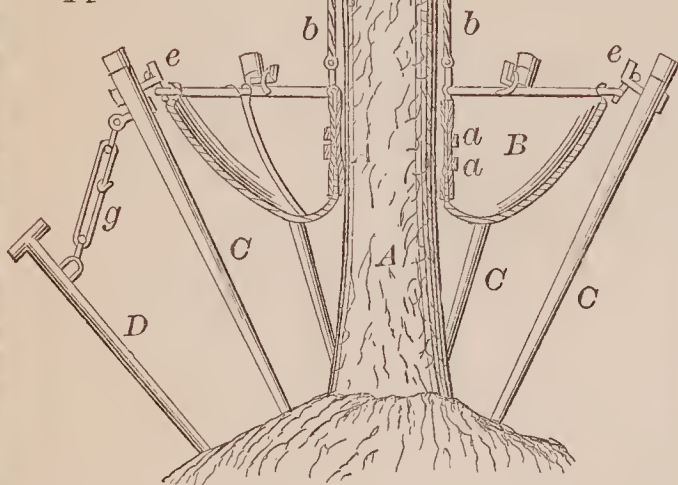
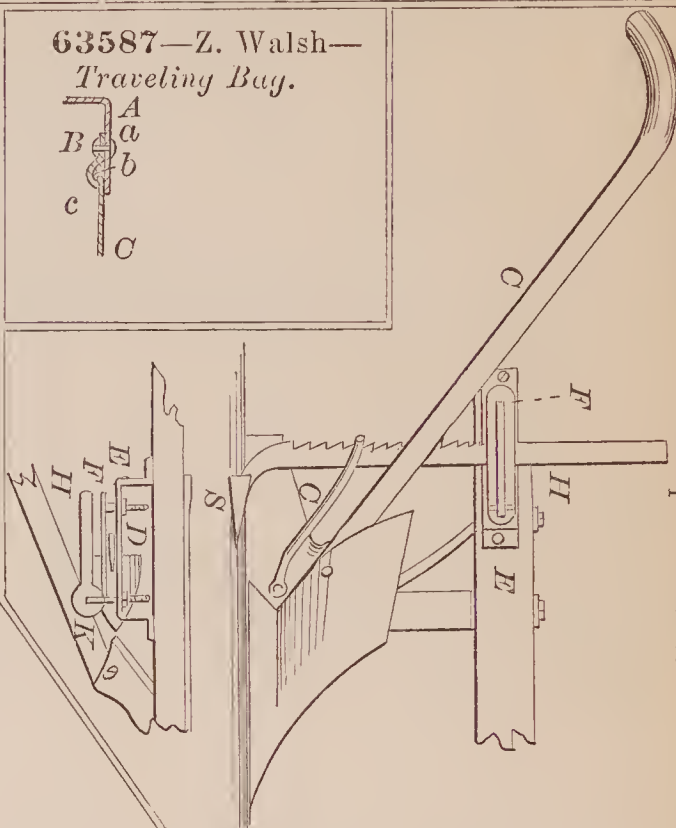
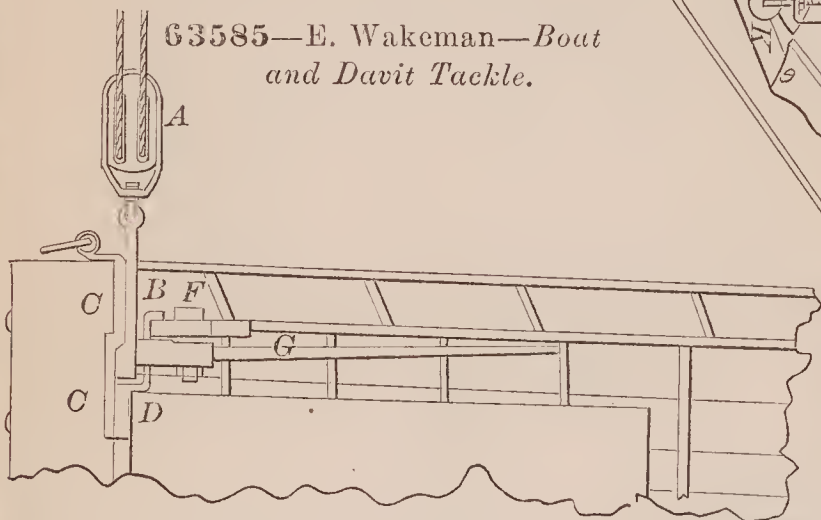
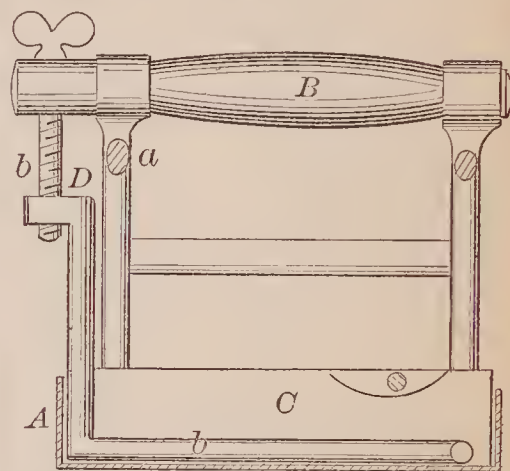
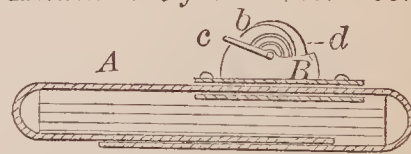
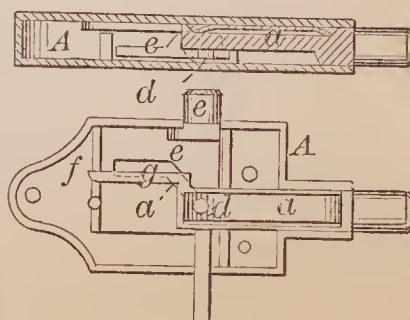
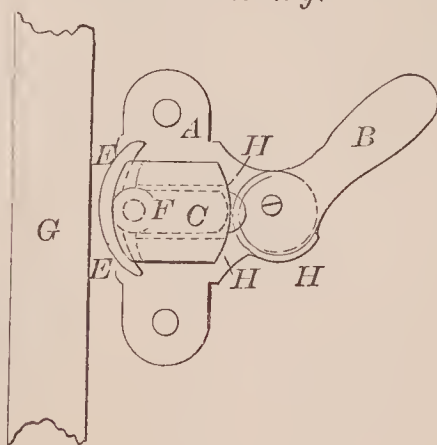
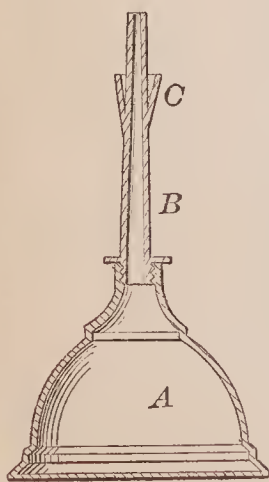
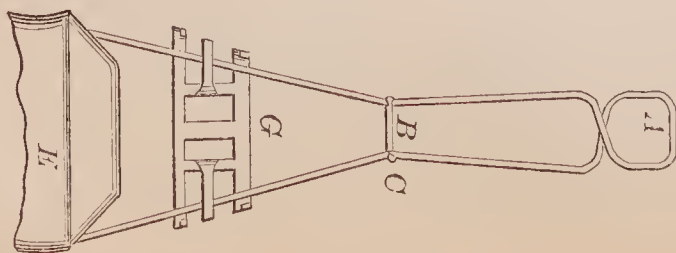


63575—E. B. Stoeck—*Billiard Cue Tip and Fastener.*

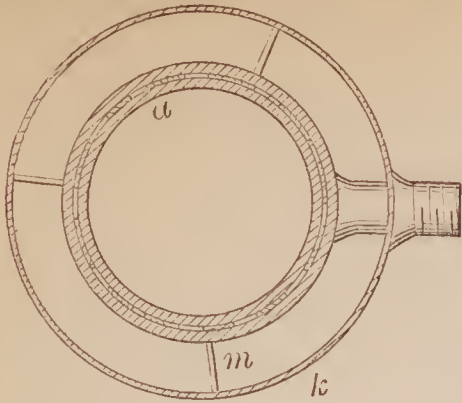


63580—A. E. Thorn—*Churn.*

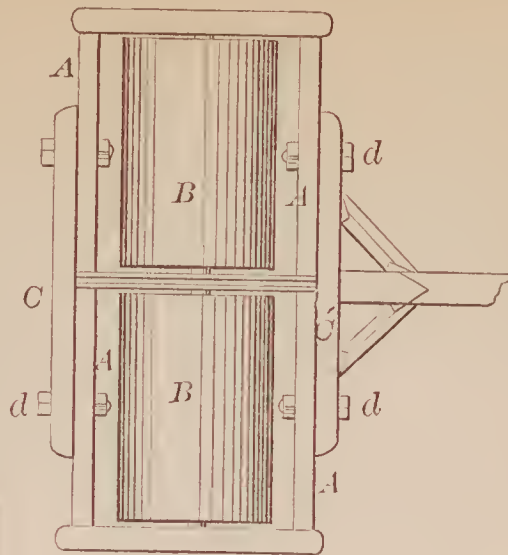


63582—J. G. Trout—*Burglar Alarm.*63583—J. V. Gaasbeek—*Raising Bents in Buildings.*63584—H. F. Wadhams—*For Gathering Apples.*63587—Z. Walsh—*Traveling Bag.*63586—W. R. Walpole—*Plow.*63585—E. Wakeman—*Boat and Davit Tackle.*63588—J. T. Warren—*Sad Iron.*63590—T. A. Weber—*Safety Attachment for Pocket Books.*63593—J. Wiard—*Sash Fastener.*63592—J. R. Whittemore—*Sash Fastening.*63591—J. A. Whitman—*Oil Can.*63594—S. P. Williams—*Fence.*

63595—S. R. Wilmot—*Steam Blower.*



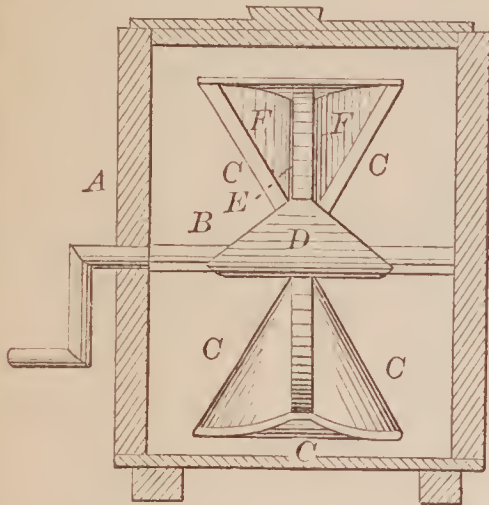
63597—J. Winans—*Land Roller.*



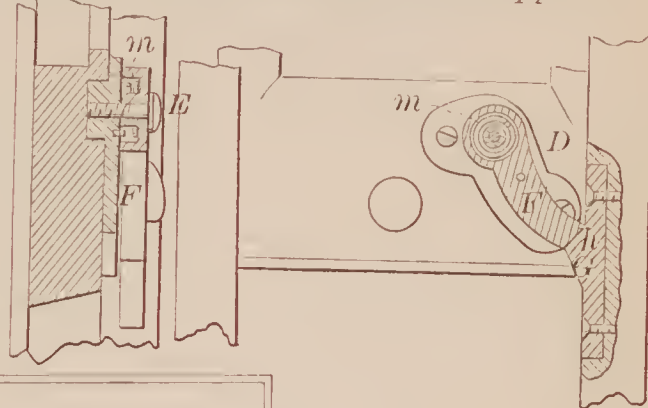
63598—W. D. Woods—*Table Cutlery.*



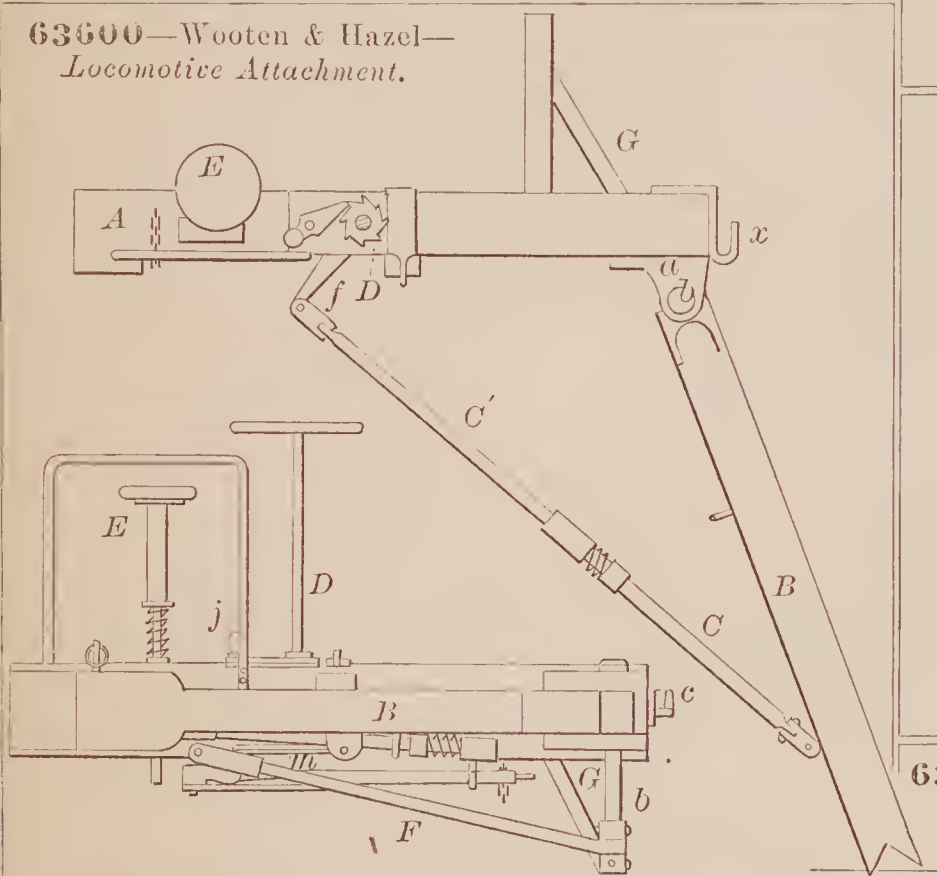
63596—G. W. Wilson—*Churn.*



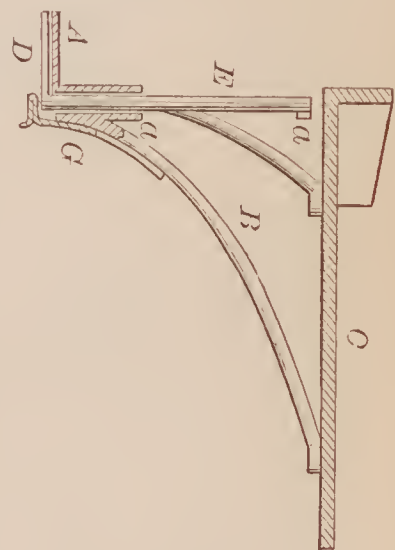
63599—J. E. Wooten—*Sash Supporter.*



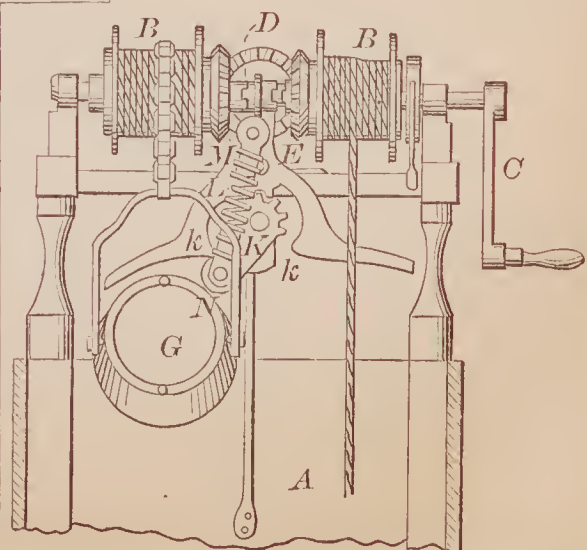
63600—Wooten & Hazel—*Locomotive Attachment.*



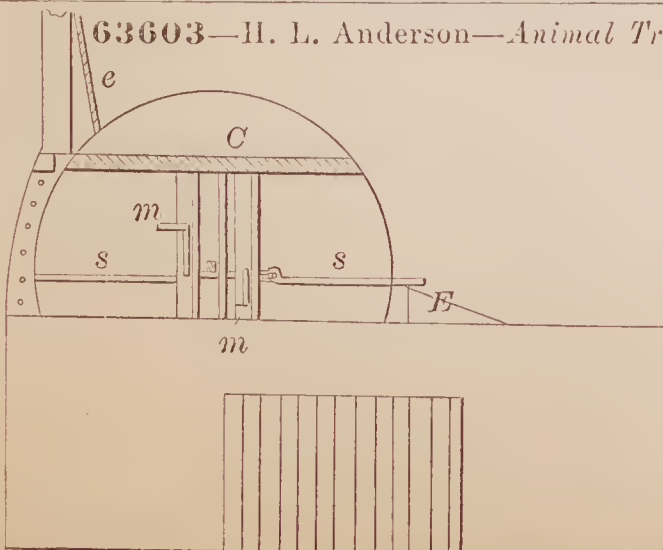
63601—J. H. Yager—*Carriage Step.*



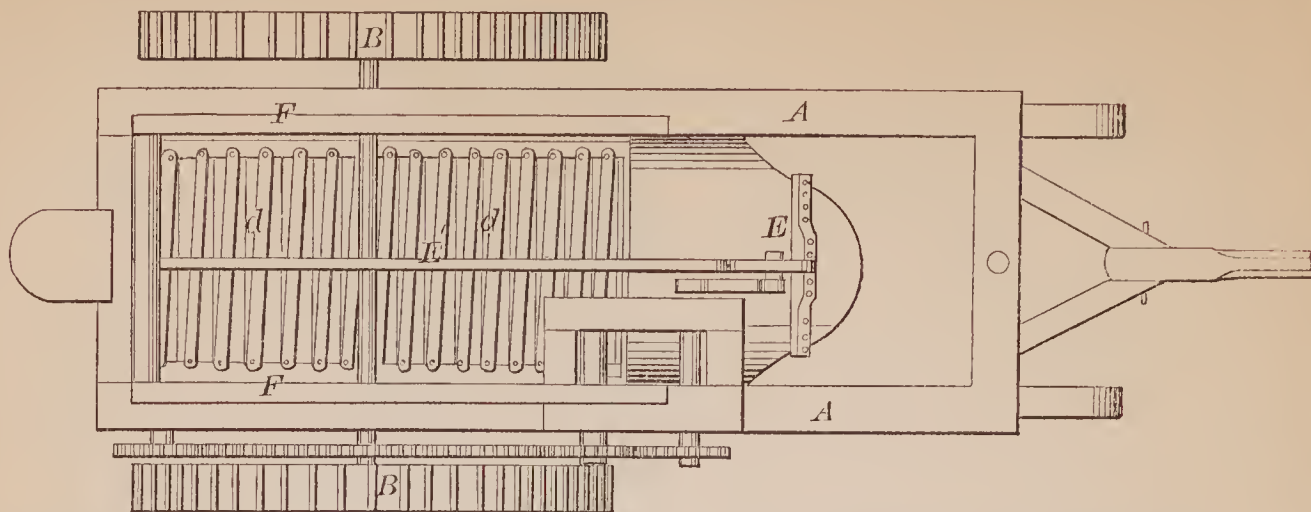
63602—E. L. & W. R. Yorks—*Water Elevator.*



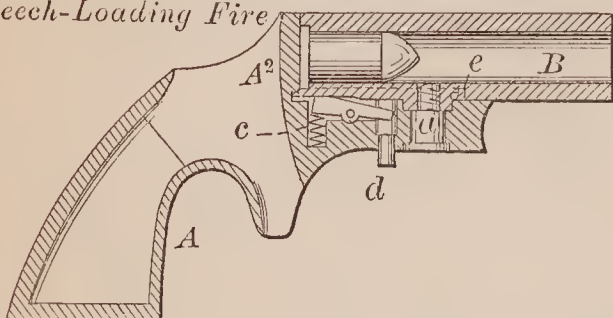
63603—H. L. Anderson—*Animal Trap.*



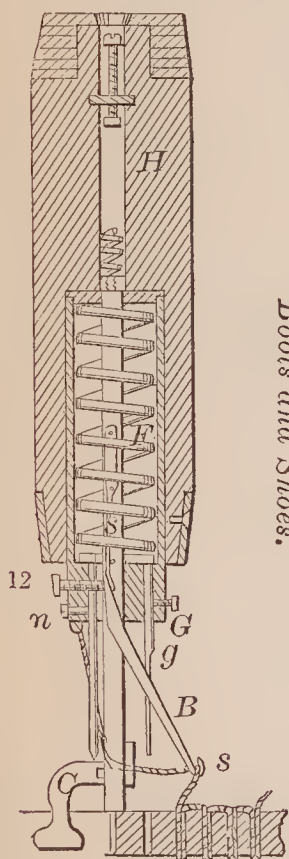
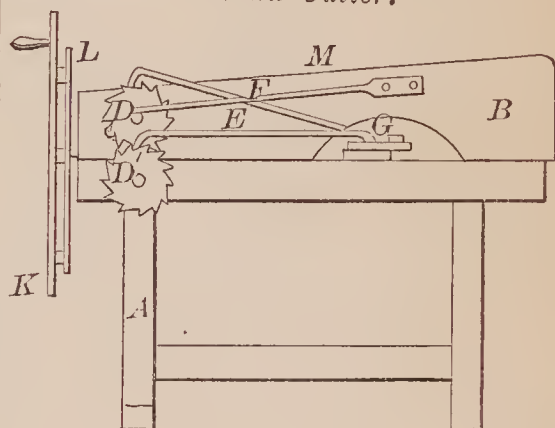
63604—Baldwin & Pope—Potato Digging Machine.



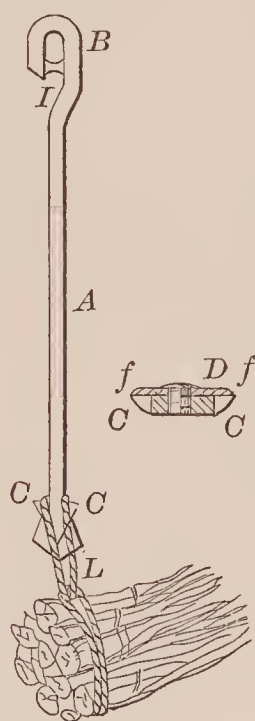
63605—C. H. Ballard—Cartridge Ejector for Breech-Loading Fire Arms.



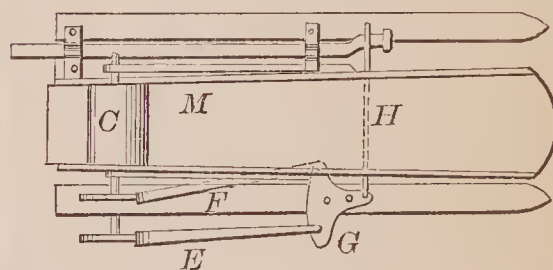
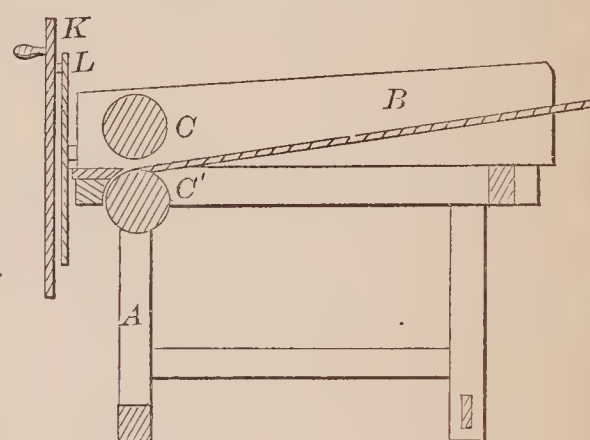
63606—Bickle & Chestnut—Straw Cutter.



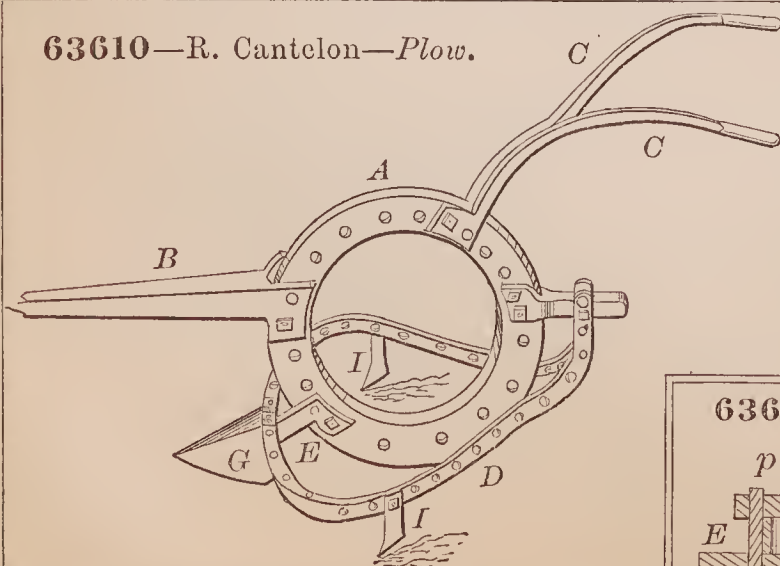
63607—F. H. Brown—Sewing Machine for Soling Boots and Shoes.



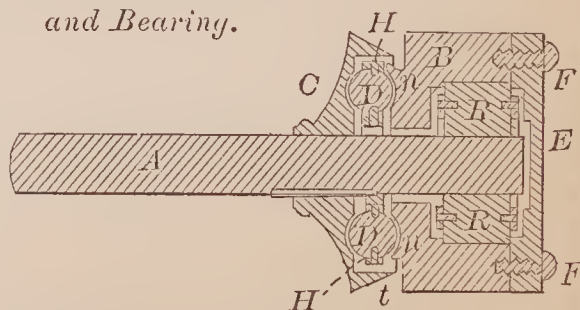
63608—J. S. & W. F. Browne—Horse Hay Fork.



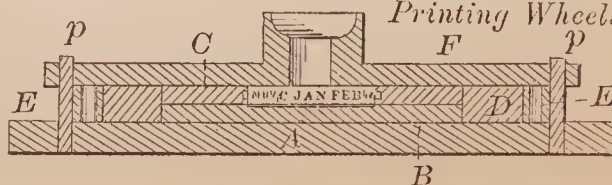
63610—R. Cantelon—Plow.



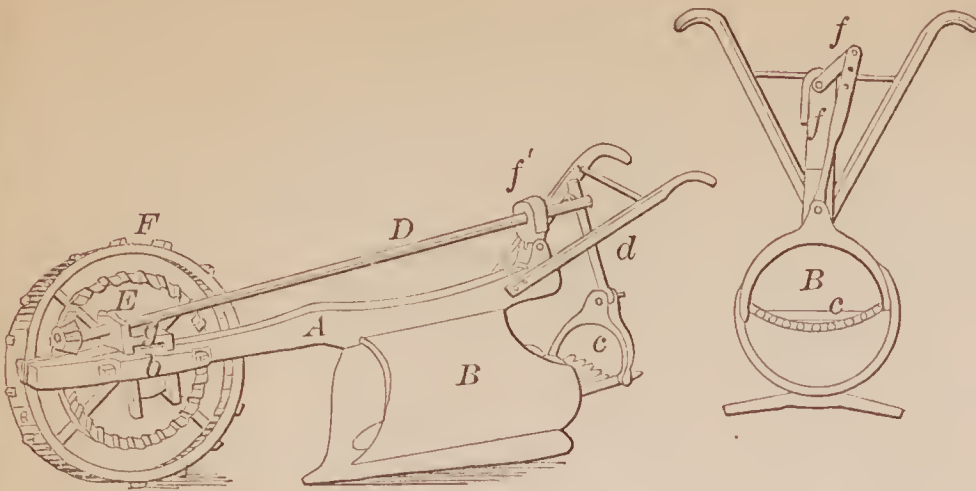
63609—J. B. Caryl—Journal Box and Bearing.



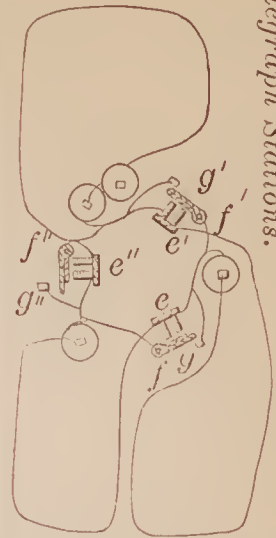
63611—D. H. Chamberlain—Casting Type on Printing Wheels.



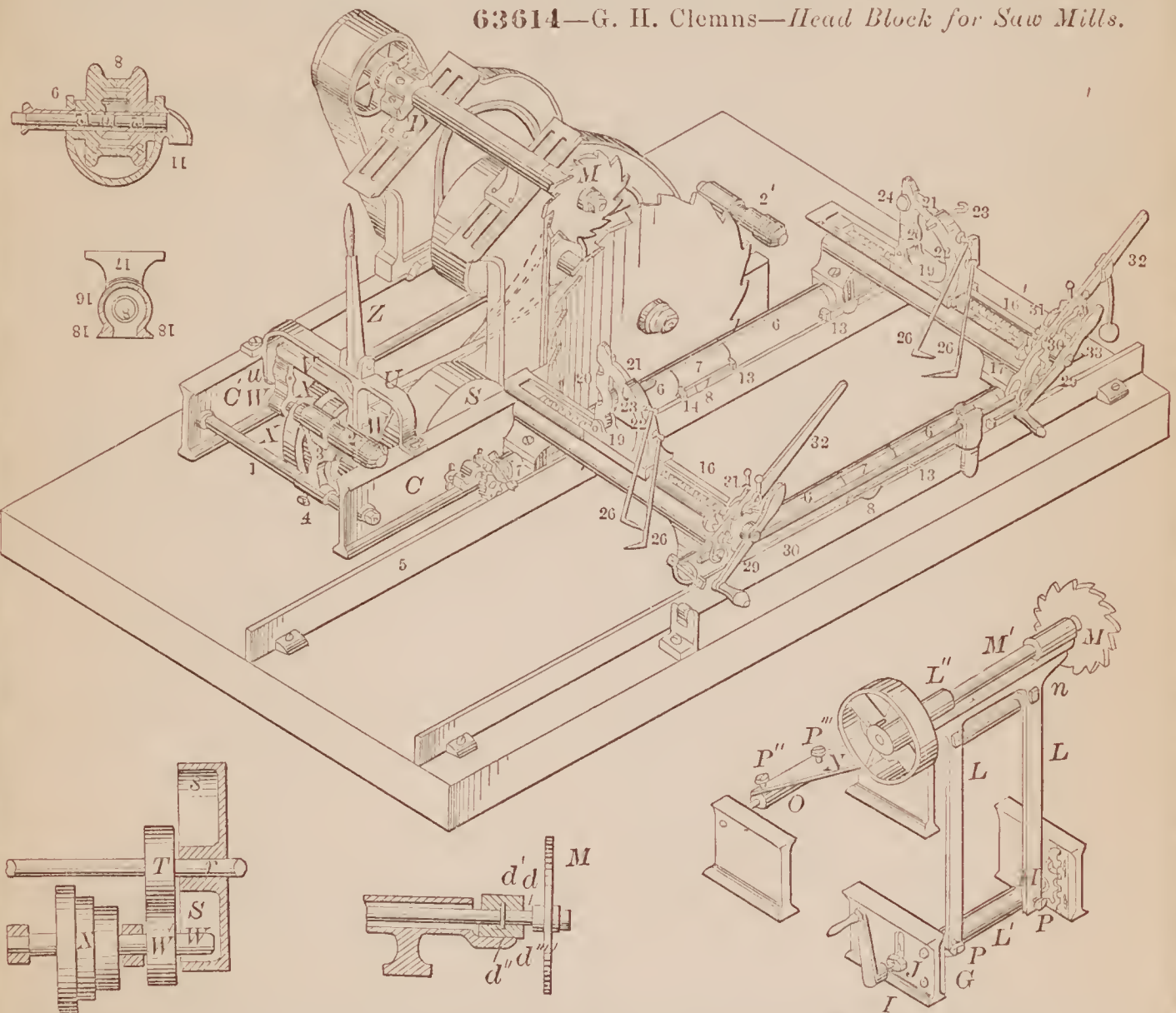
63612—A. F. Chandler—*For Digging Potatoes.*



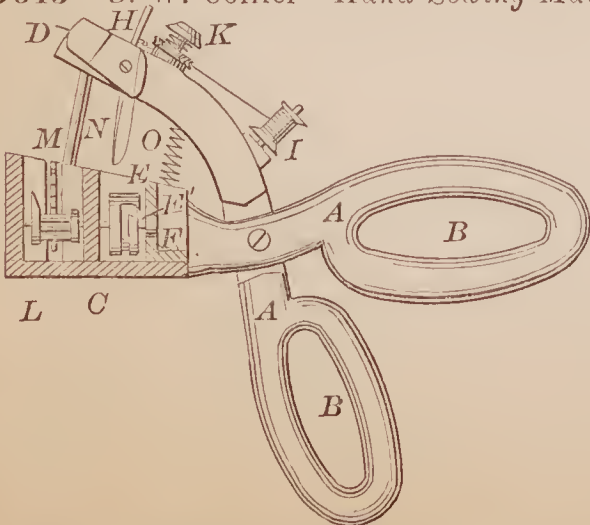
63613—S. Chester—*Connecting Telegraph Stations.*



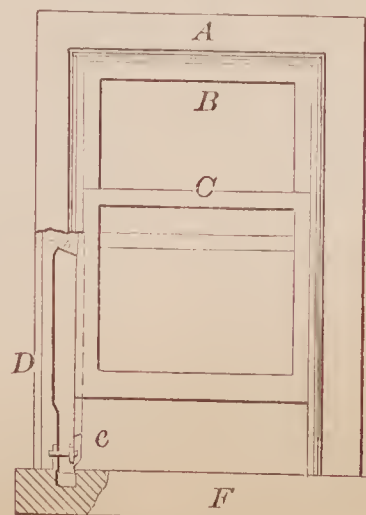
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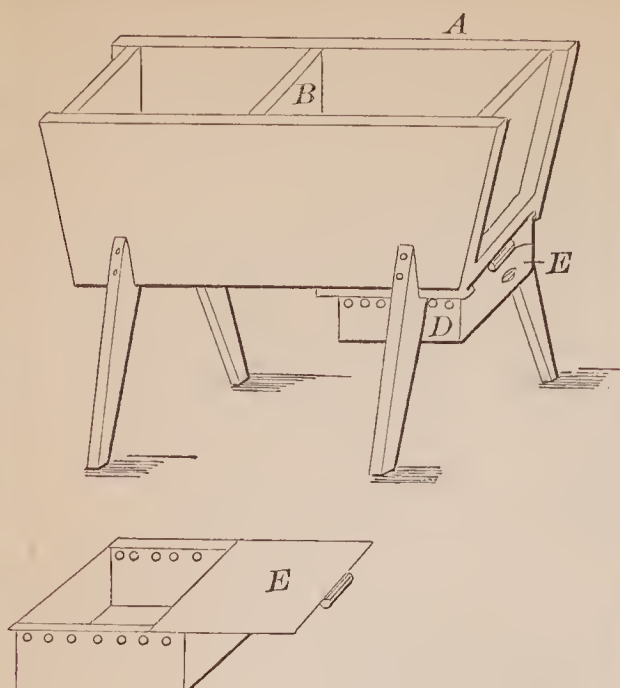
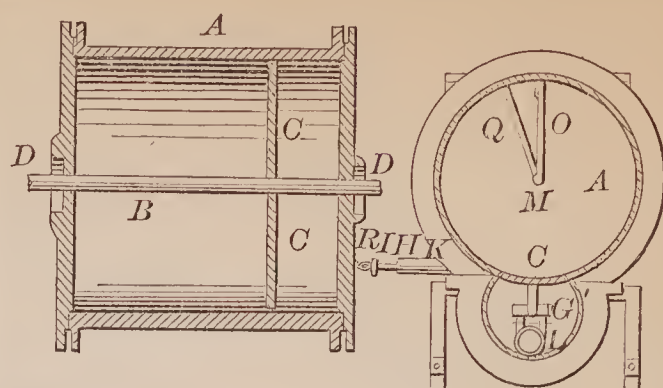
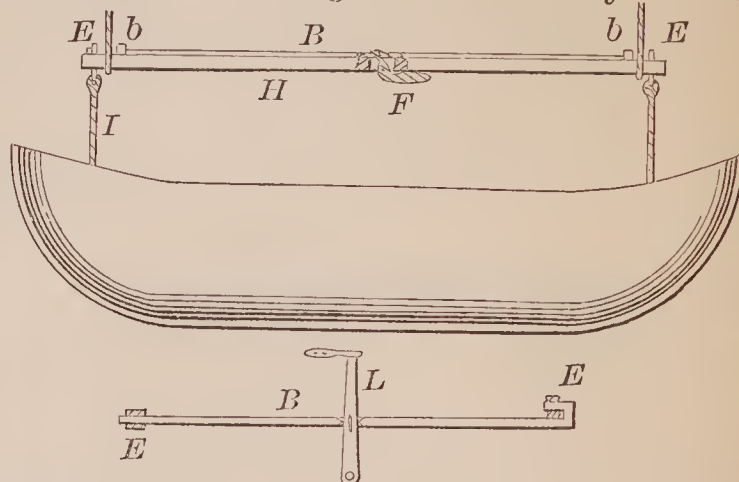
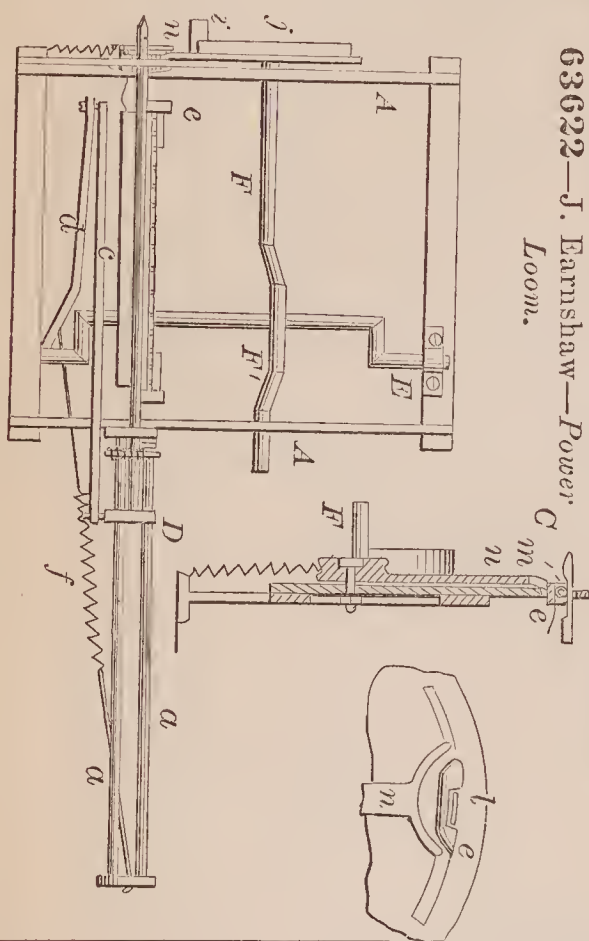
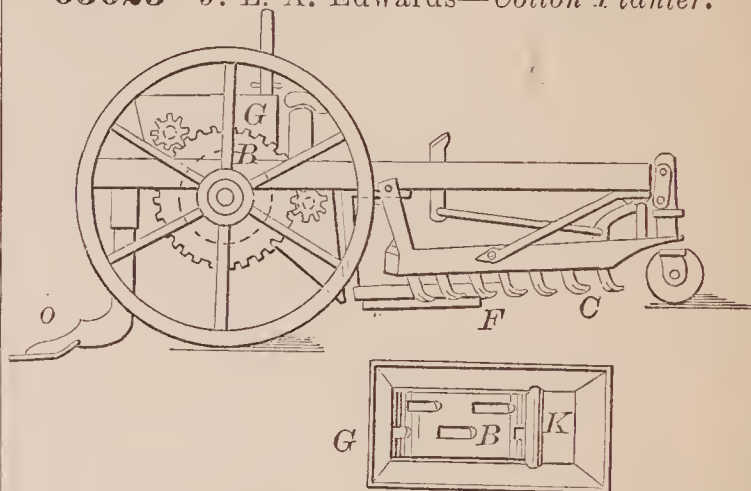
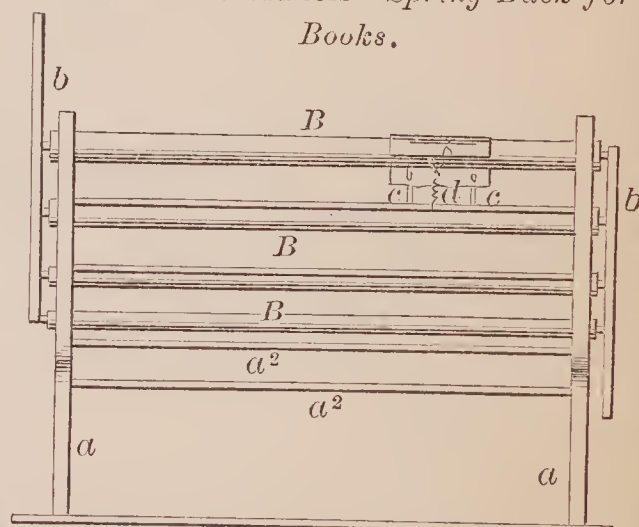
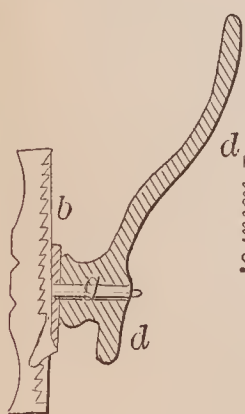
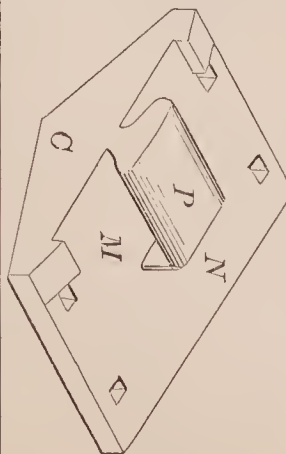
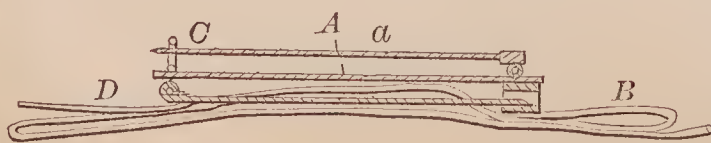
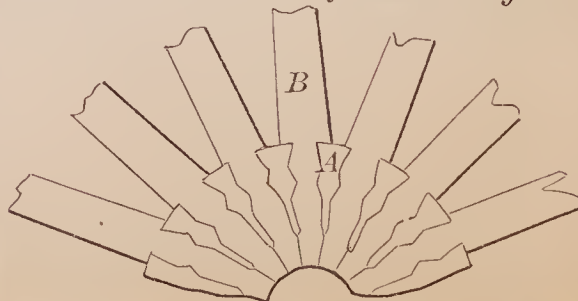


63615—B. W. Collier—*Hand Sewing Machine.*

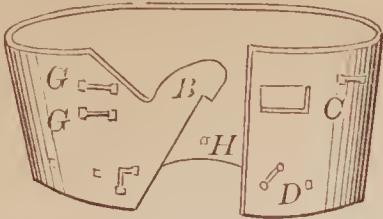


63616—C. Croley—*Window Frame.*

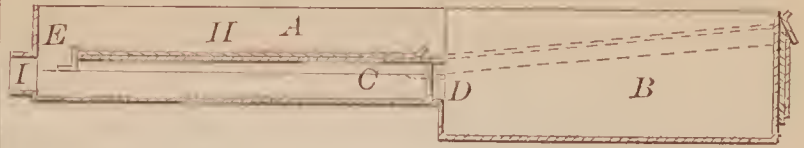


63617—J. G. Denius—*Dough Tray*.63619—D. Dick—*Air and Gas Engine*.63620—W. C. Dodge—*Boat Detaching Tackle*.63622—J. Earnshaw—*Power Loom*.63623—J. L. A. Edwards—*Cotton Planter*.63626—L. Francis—*Spring Back for Books*.63621—E. Doen—*Curtain Fixture*.63624—S. T. Emerson—*Switch Chair*.63625—L. H. Foy—*Pin*.63628—D. B. Goewey—*Mortising Hubs*.

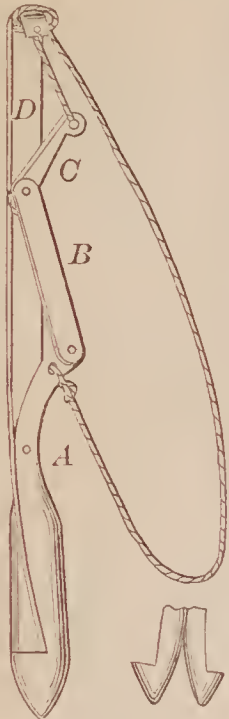
63629—H. H. & M. L. Gridley—*Fruit Box.*



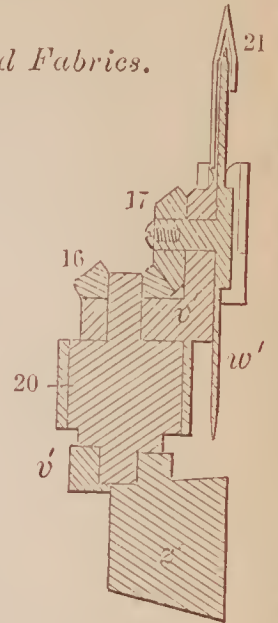
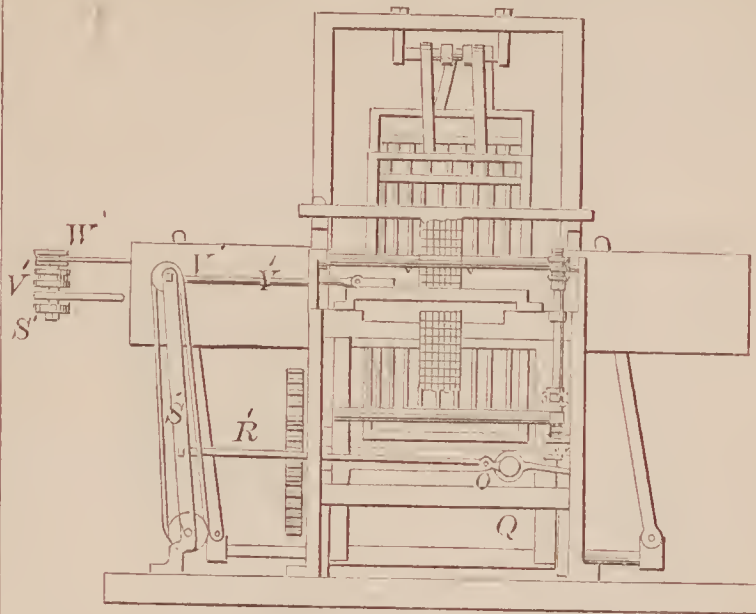
63630—L. C. Hains—*Cheese Vat.*



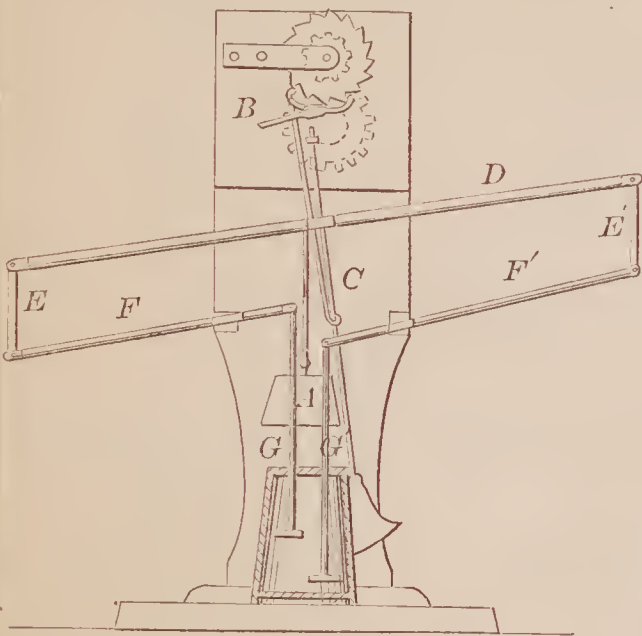
63634—G. W. Heath—*Horse Hay Fork.*



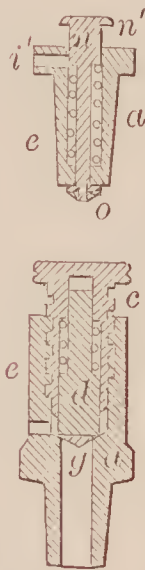
63631—W. G. Hartley—*Loom for Weaving Piled Fabrics.*



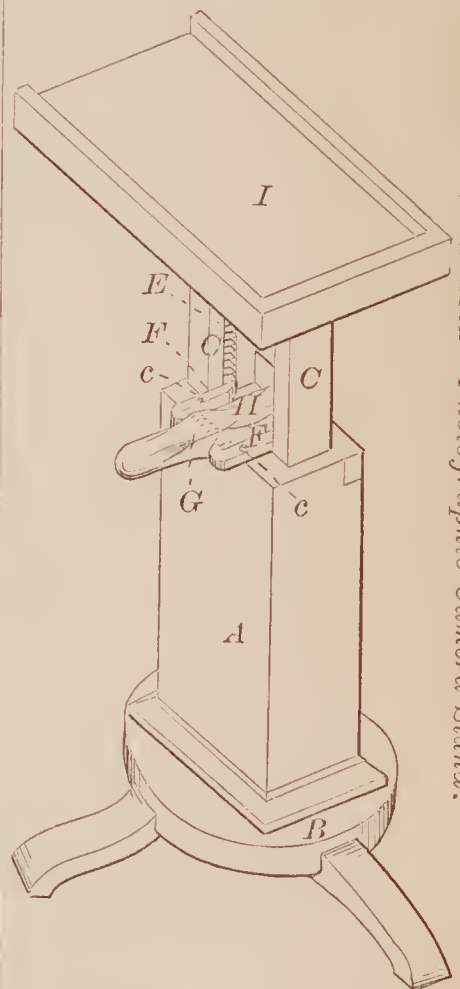
63632—J. V. Hartman—*Churn Power.*



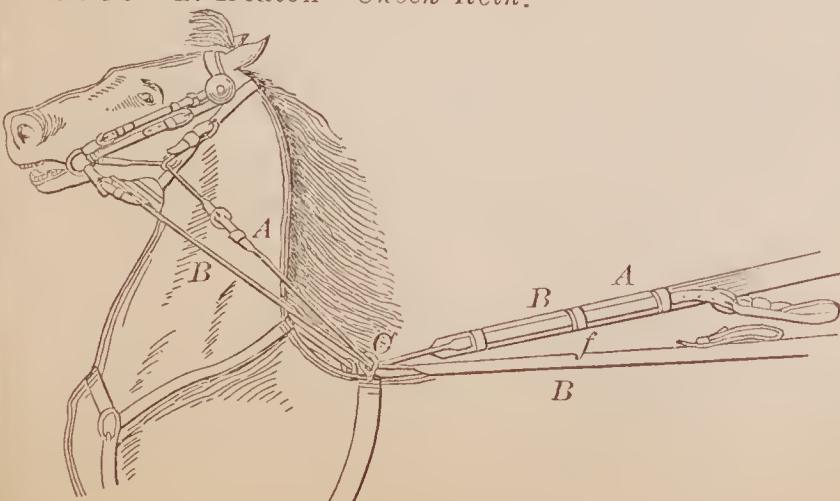
63636—T. R. Hicks—*Vent Plug.*



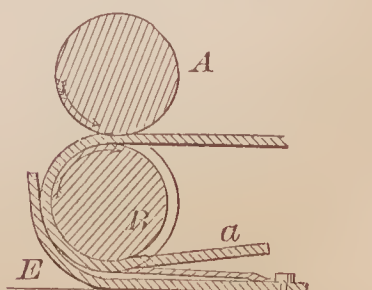
63633—J. Haworth—*Photographic Camera Stand.*

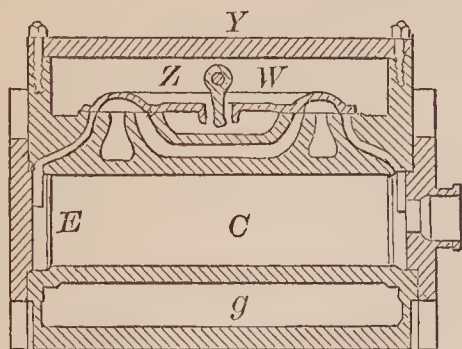
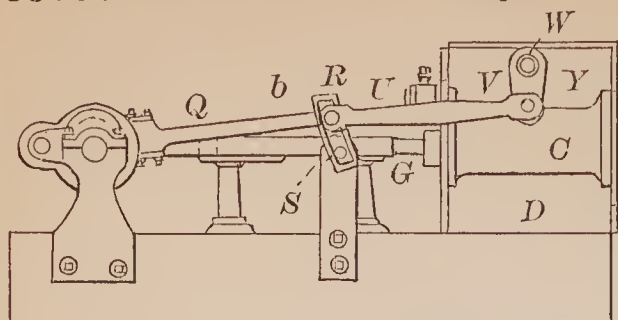
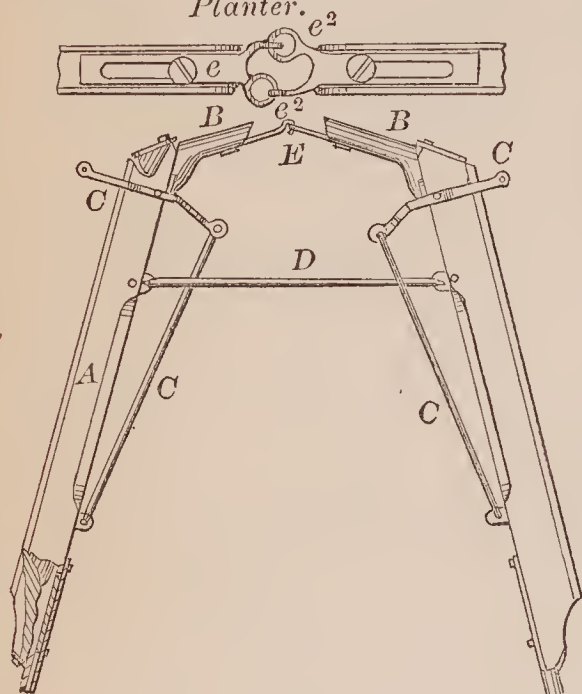
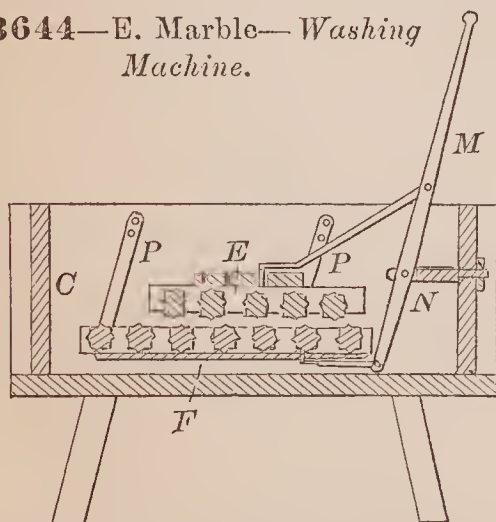
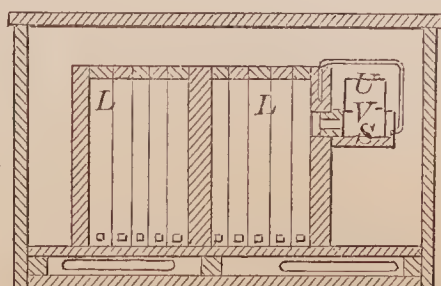
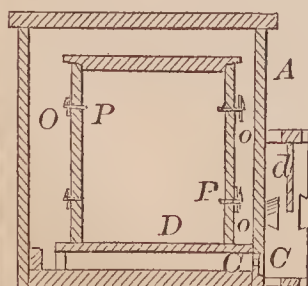
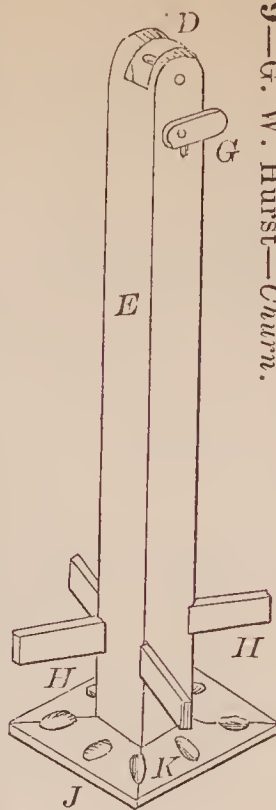
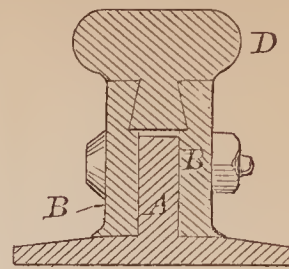
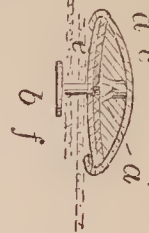
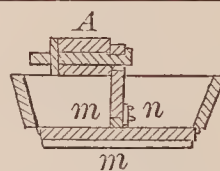
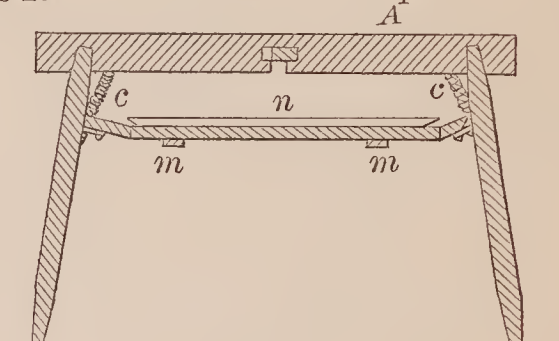
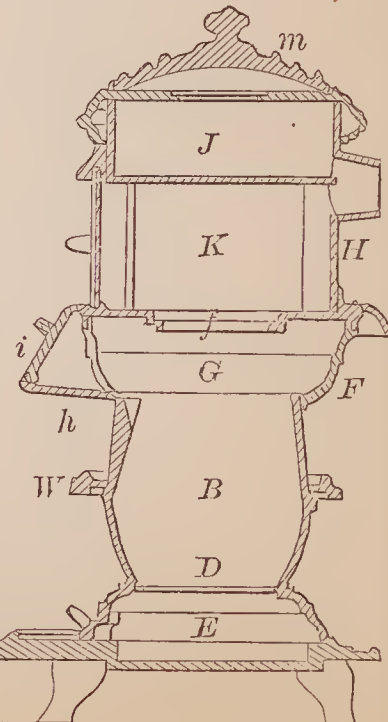
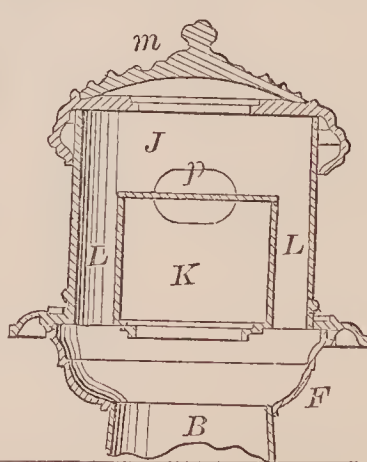


63635—T. Heaton—*Check Rein.*

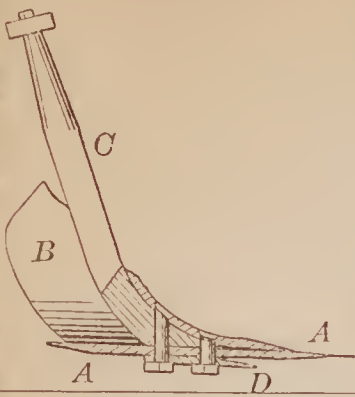


63637—W. W. Howell—*Rolling Mill.*

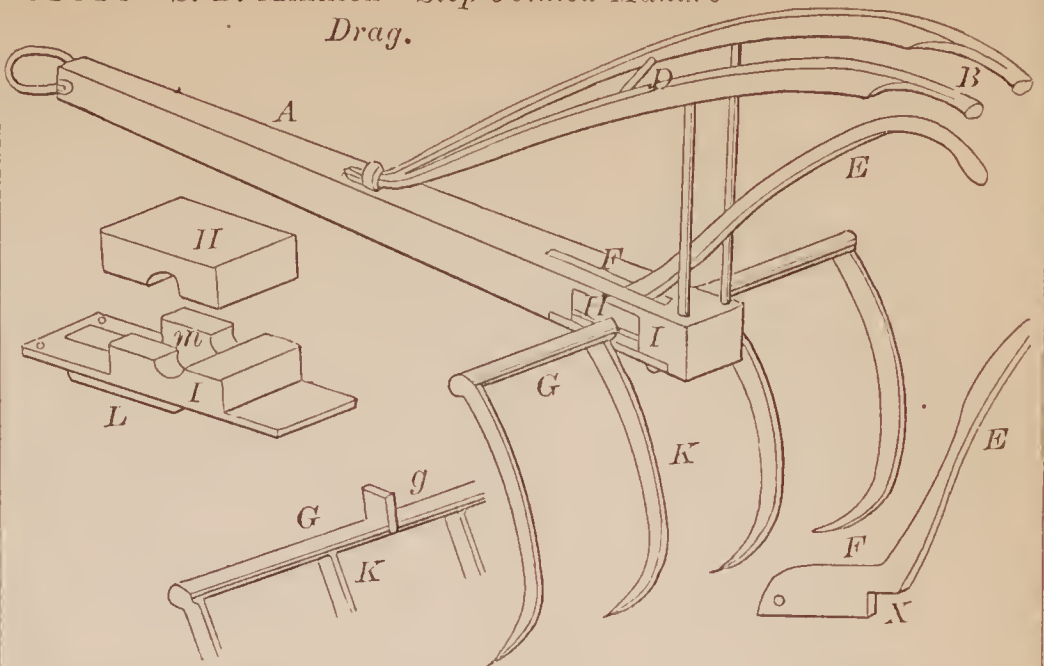


63638—L. Huntoon—*Steam Engine.*63643—J. H. Jones—*Hand Seed Planter.*63644—E. Marble—*Washing Machine.*63641—Z. L. Jacobs—*Beehive.*63639—G. W. Hurst—*Churn.*63640—I. B. Hymer—*Railroad Rail.*63642—J. Jenk—*Button.*63645—A. B. Marshall—*Carpenter's Bench.*63646—Martino, Beesley & Currie—*Heating Stove.*

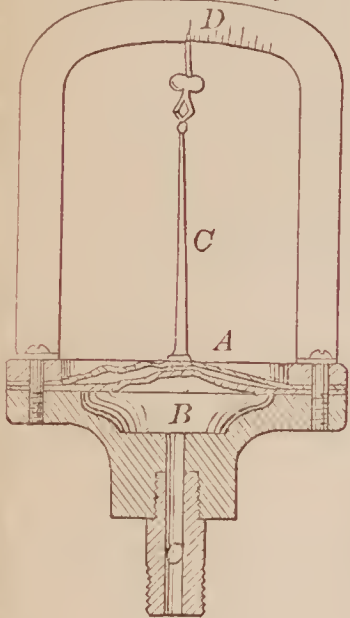
63647—Matteson & Williamson—*Cultivator Teeth.*



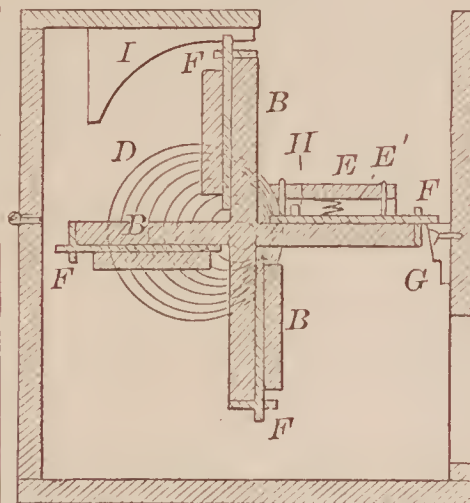
63650—S. B. Minnich—*Stop Jointed Manure Drag.*



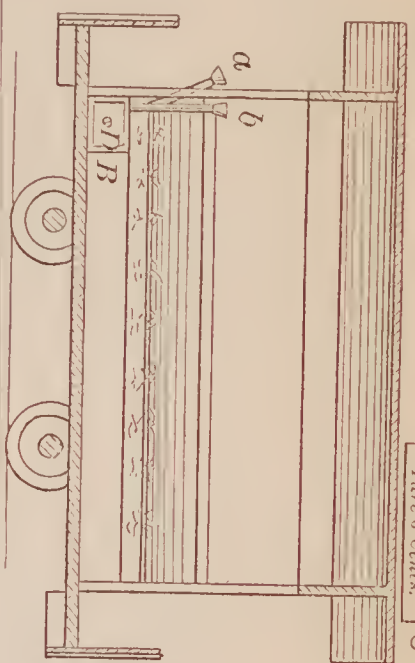
63648—J. Matthews, Jr.—*Pressure Gauge.*



63651—W. Morris—*Animal Trap.*

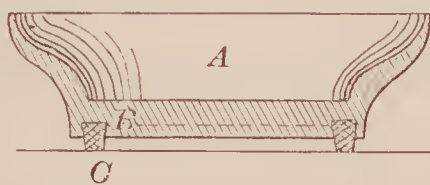


63649—P. F. Milligan—*Checks on Car Conductors.*

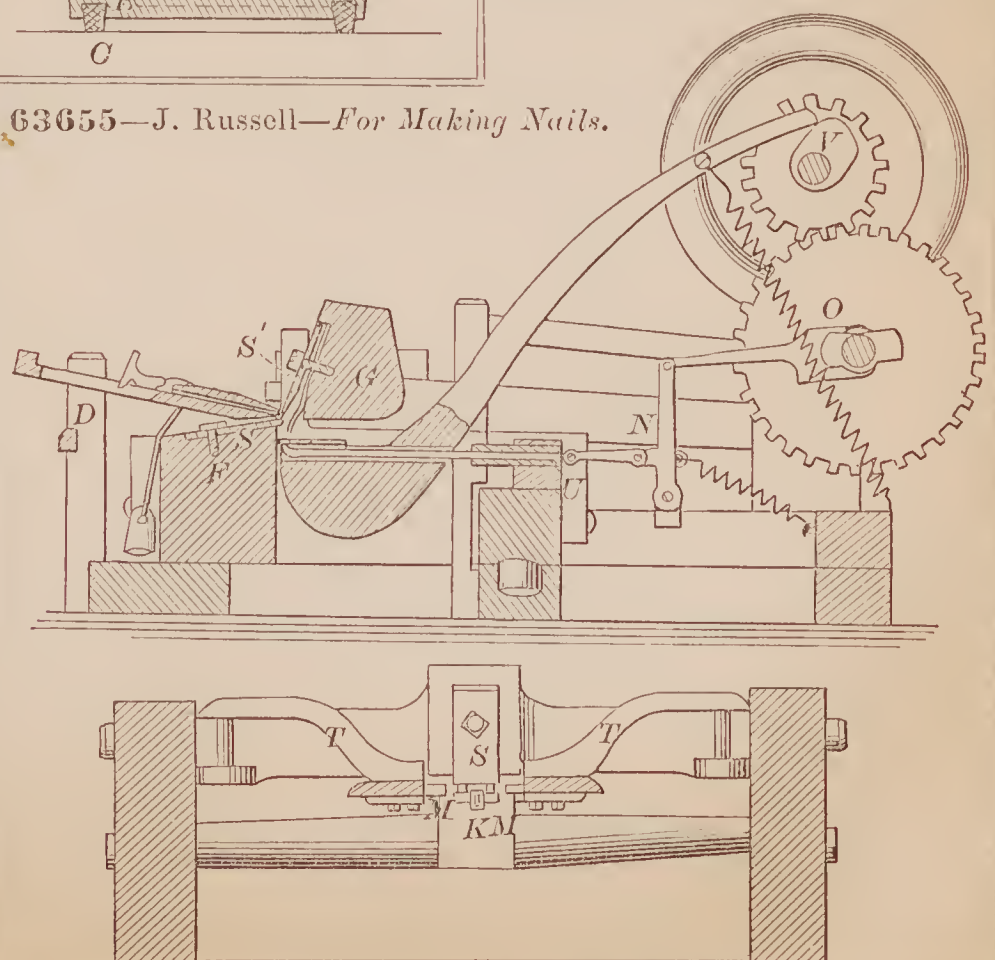


W. & G. R. R. Co.
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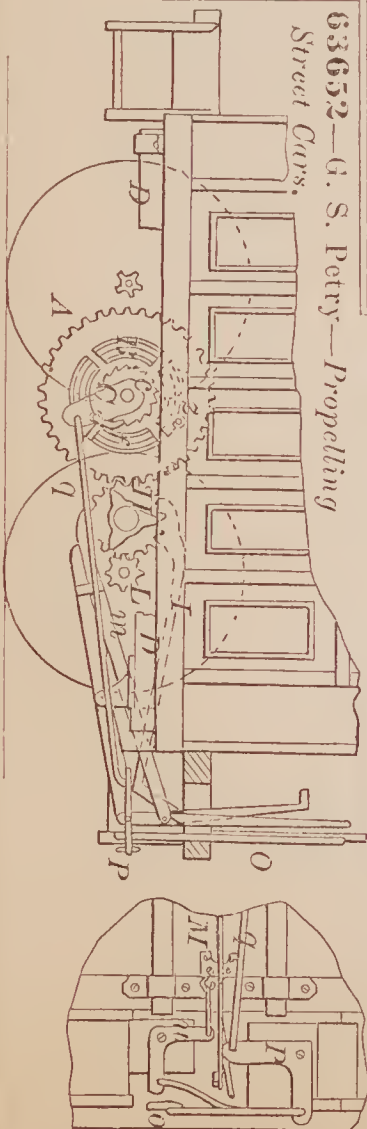
63653—A. C. Rand—*Protecting China, Glass, &c.*

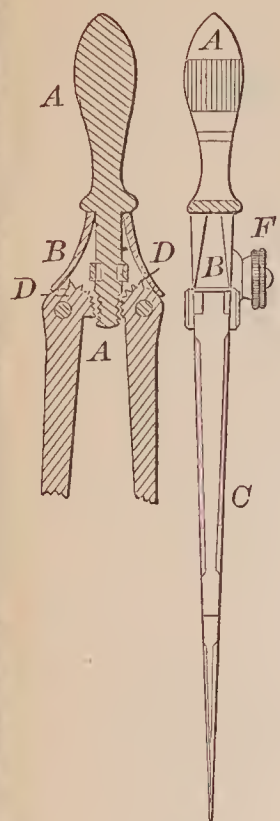


63655—J. Russell—*For Making Nails.*

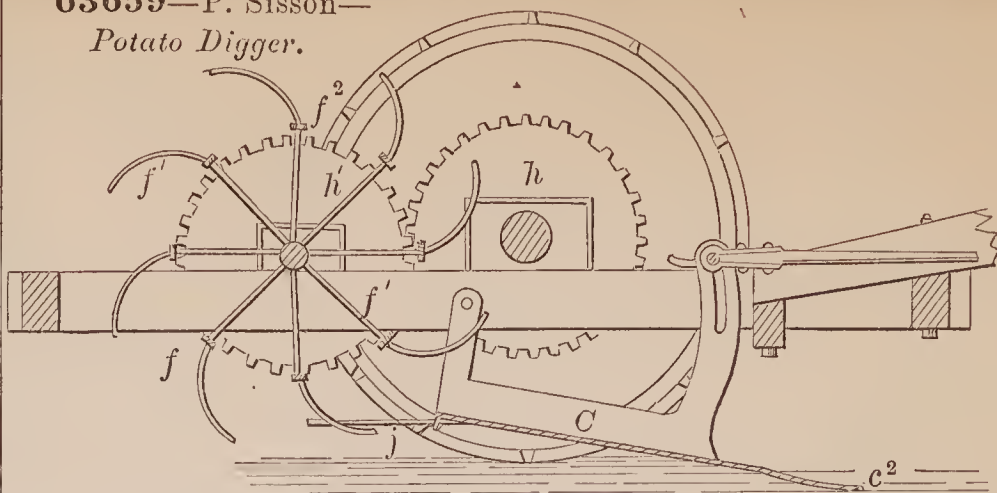
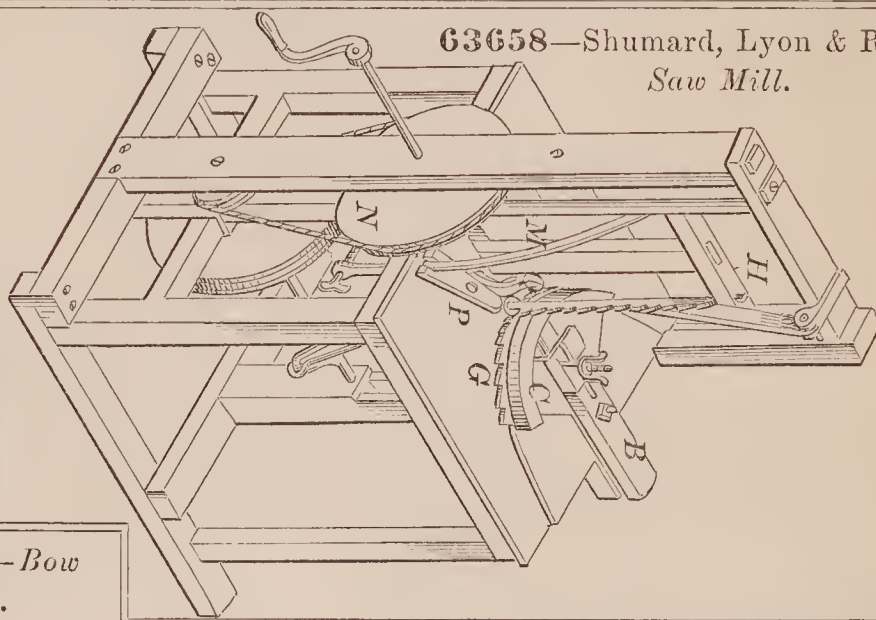
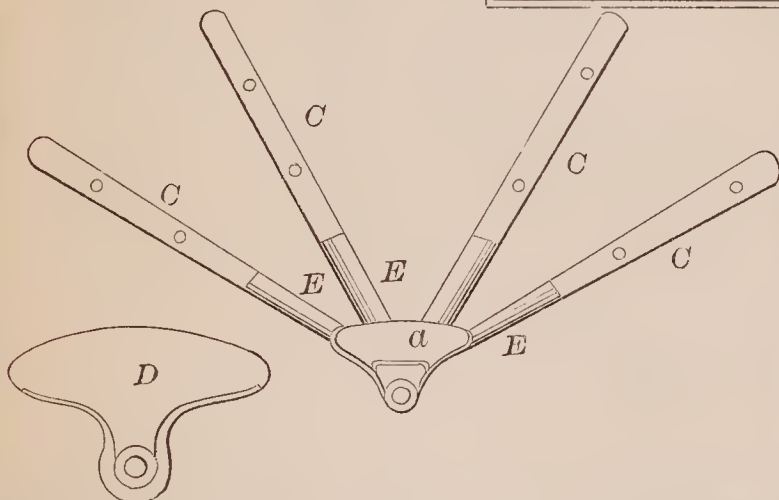
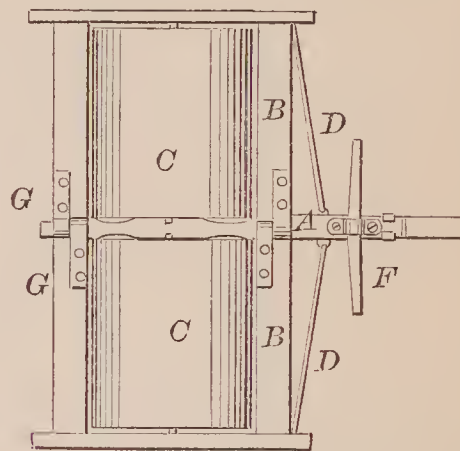
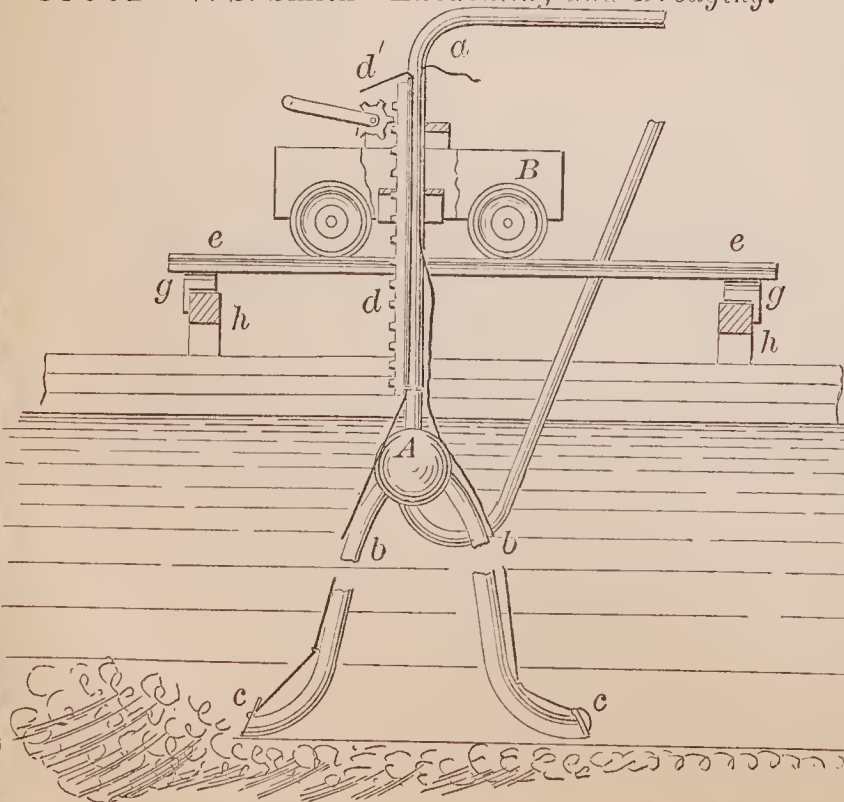


63652—G. S. Petty—*Propelling Street Cars.*

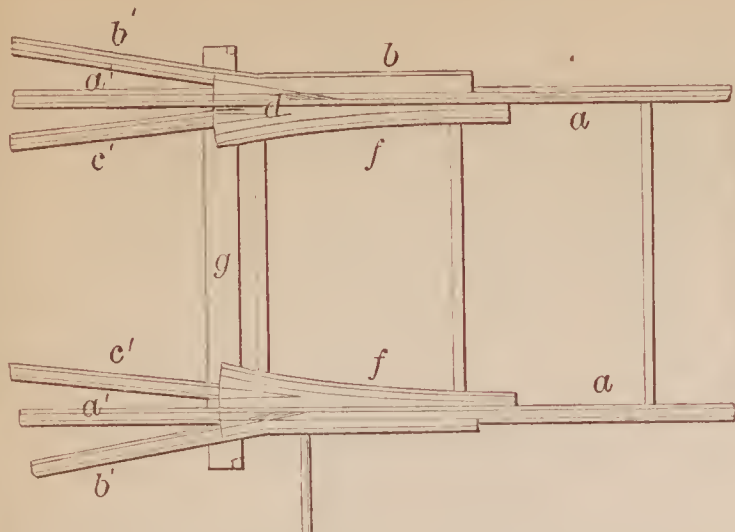




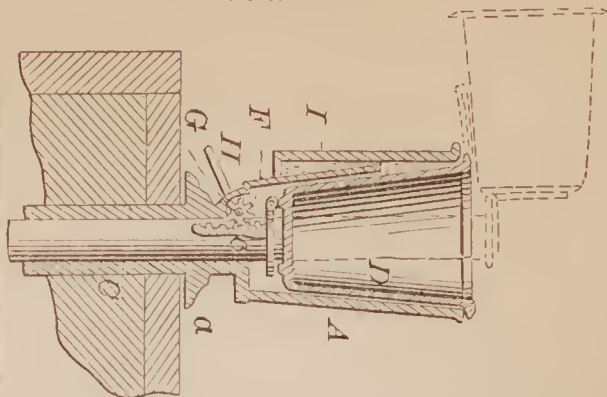
63656—S. Sawyer—Dividers and Calipers.

63659—P. Sisson—
Potato Digger.63658—Shumard, Lyon & Robbins—
Saw Mill.63660—G. W. Slater—Bow
Iron for Carriages.63657—J. S. Shafer—*Land Roller.*63661—W. S. Smith—*Excavating and Dredging.*63662—J. P. Spangle—*Car
Coupling.*

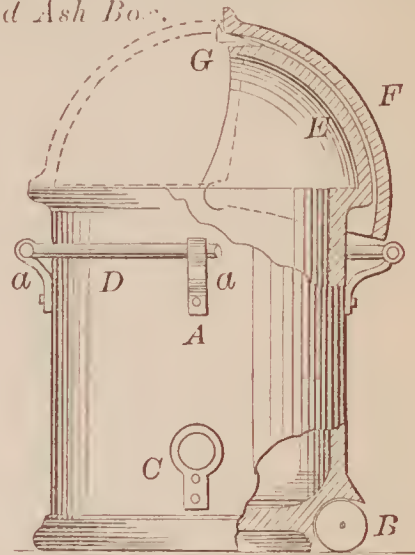
63663—G. W. Spaulding—*Switch.*



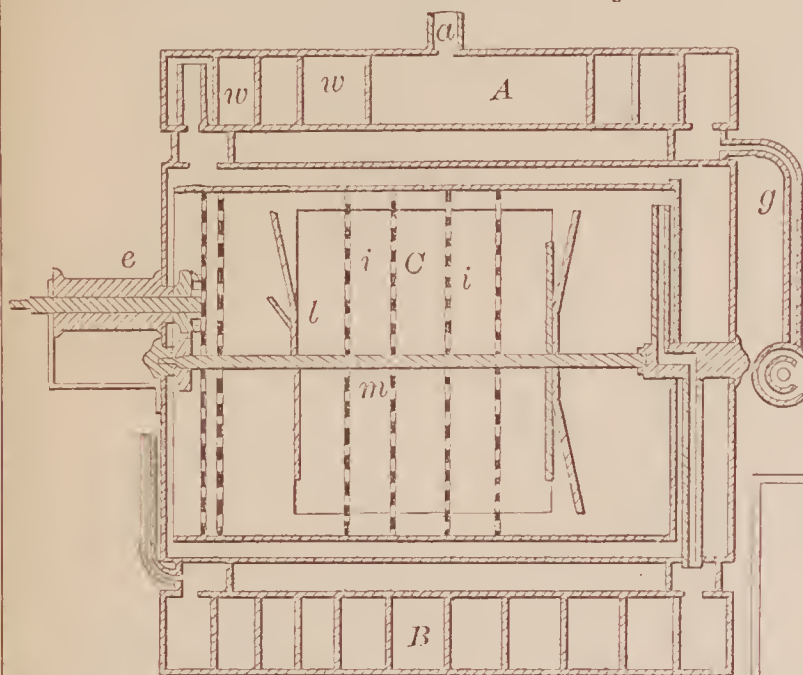
63664—C. W. Stafford—*Garbage and Ash Box.*



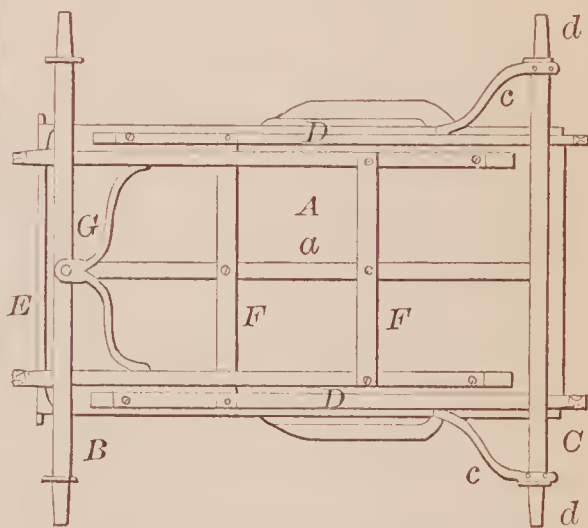
63665—C. W. Stafford—*Garbage and Ash Box.*



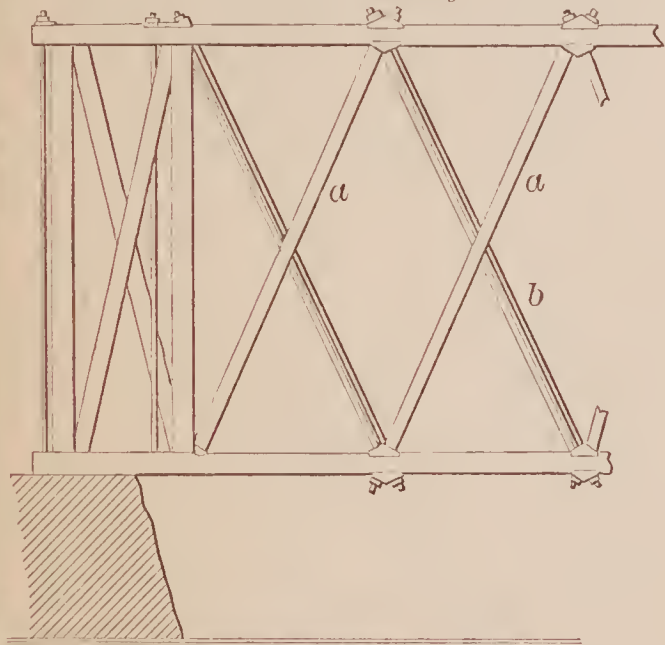
63667—L. Stevens—*For Carburetting Air.*



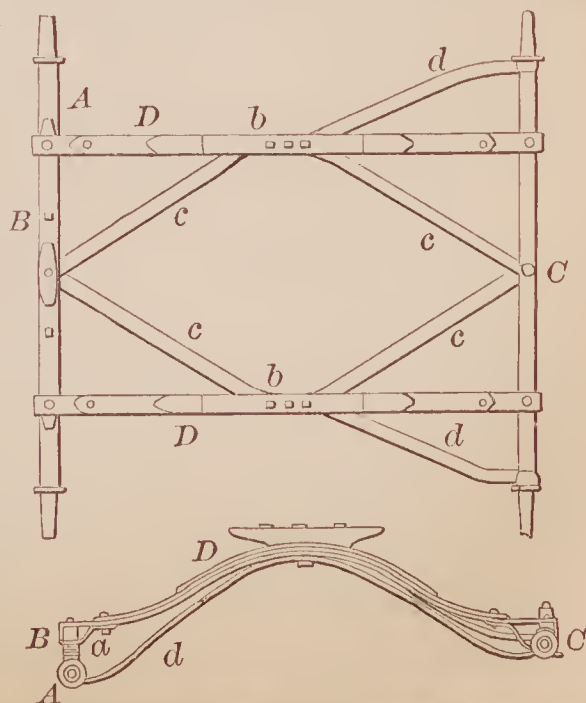
63668—A. K. Stone—*Wheel Carriage.*



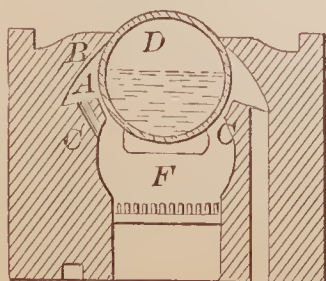
63666—J. D. Steele—*Bridge.*

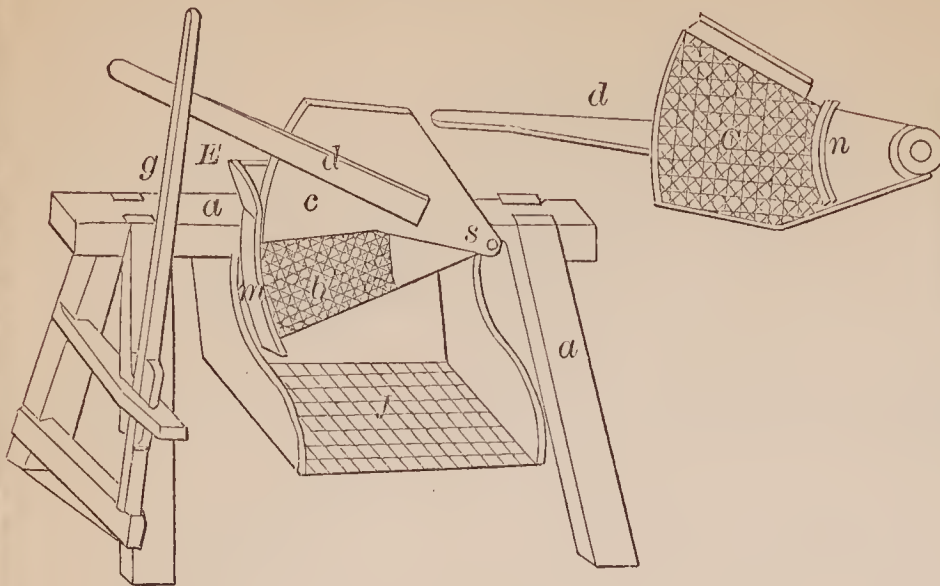
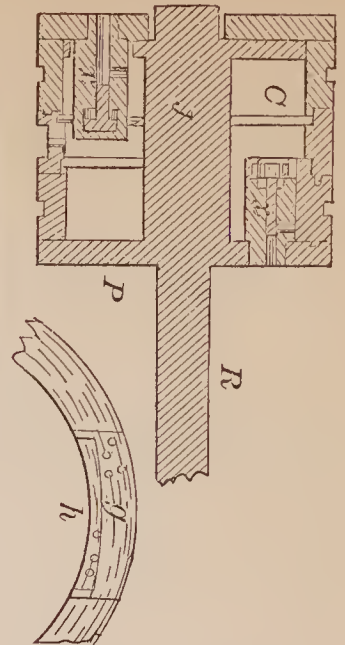
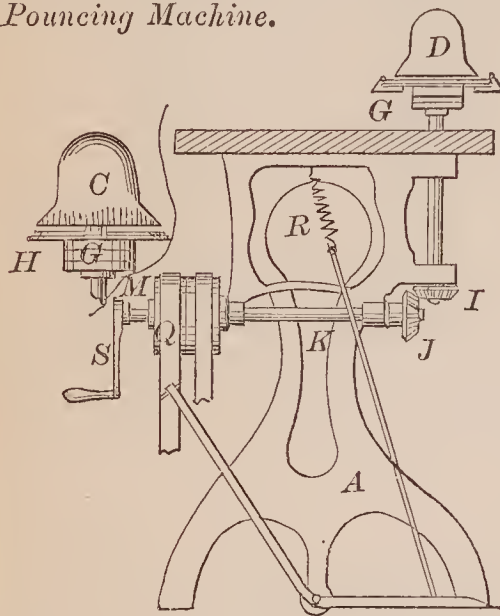
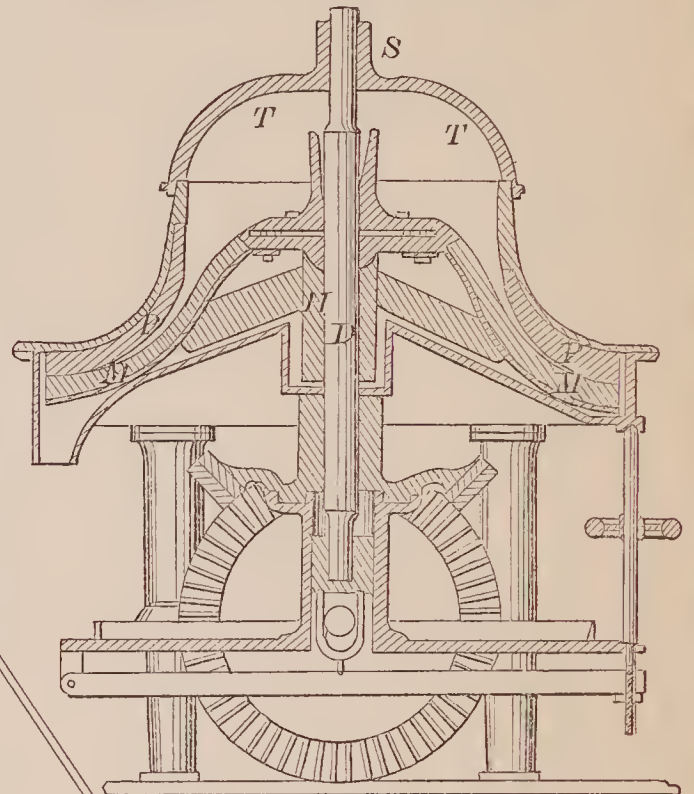
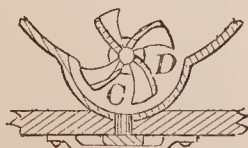
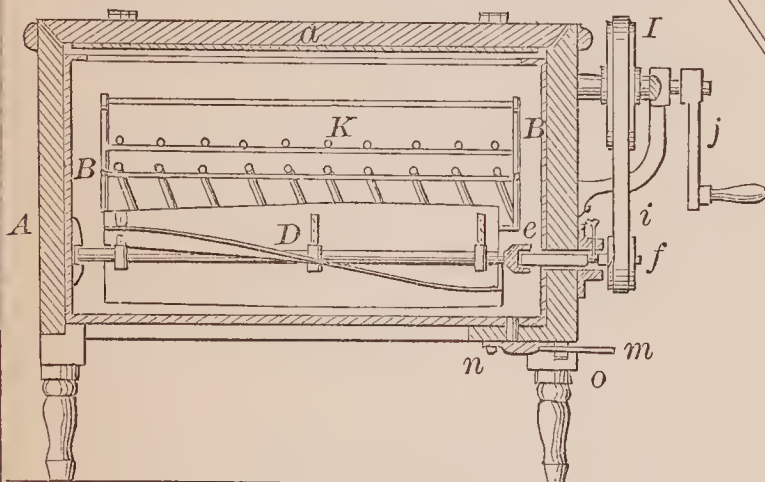
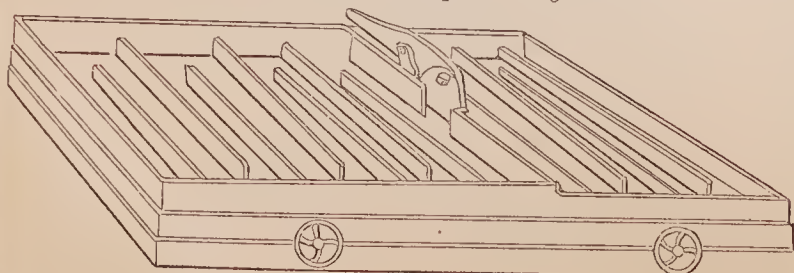
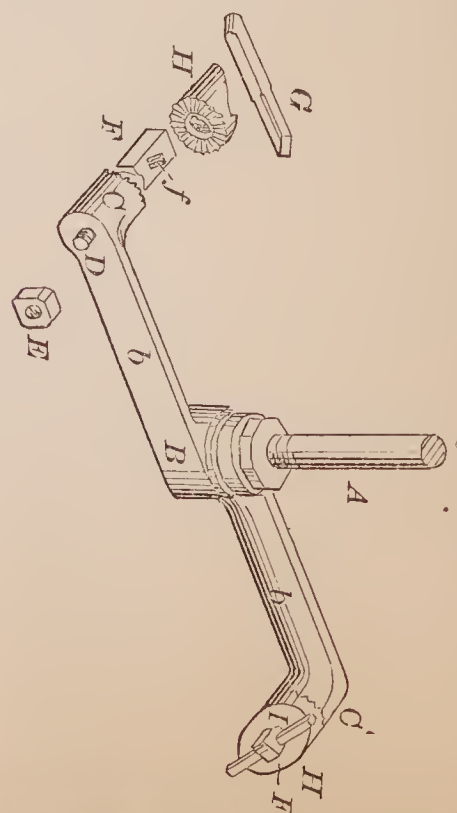


63669—A. K. Stone—*Wheel Carriage.*

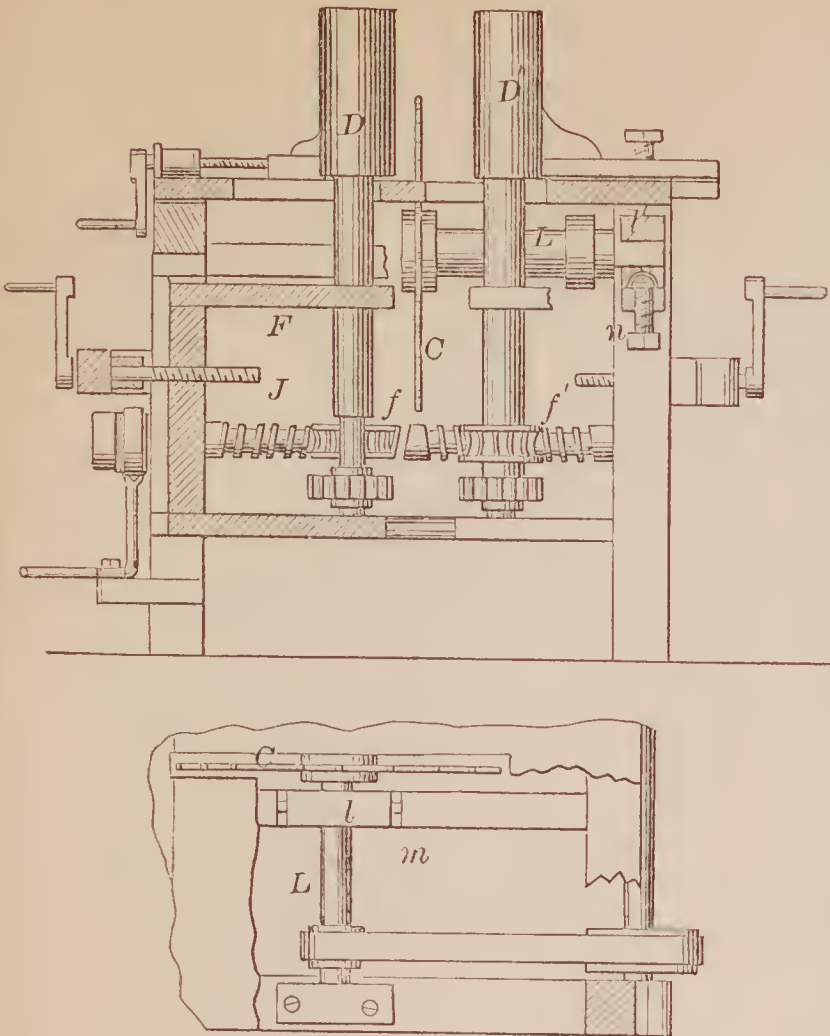


63670—W. S. Storms—*Furnace for Steam Boilers.*

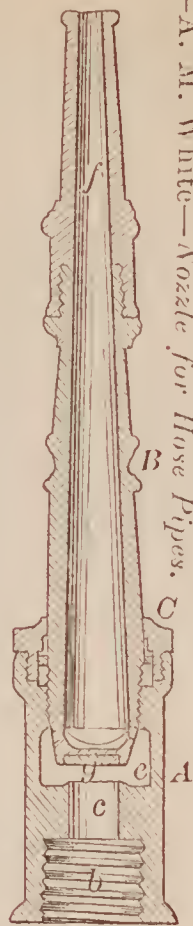


63671—W. D. Stroud—*Corn Sheller.*63672—E. Sullivan—*Piston Packing.*63674—Van Houten & Crane—*Hat Pouncing Machine.*63675—T. Varney—*Quartz Mill.*63677—Way & Pomeroy—*Dish Washer.*63678—Webb & Cory—*Evaporating Pan.*63673—J. Tesseyman—*Planing Machine.*

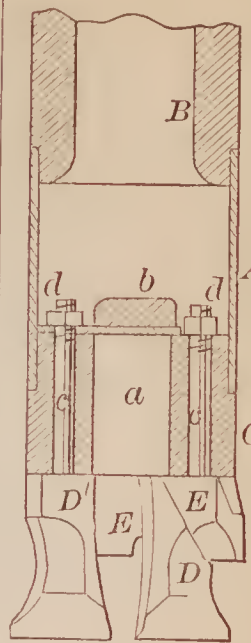
63679—E. Wescott—Sawing Machine.



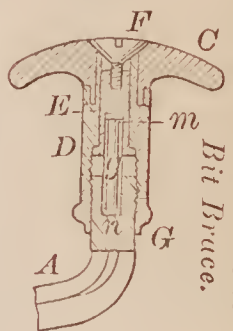
63680—A. M. White—Nozzle for Hose Pipes.



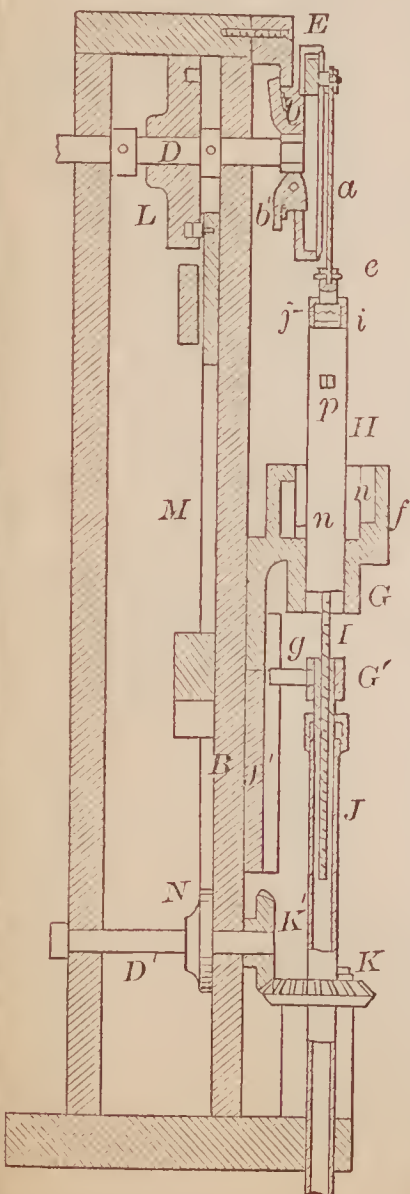
63681—T. R. White—Rock Drill.



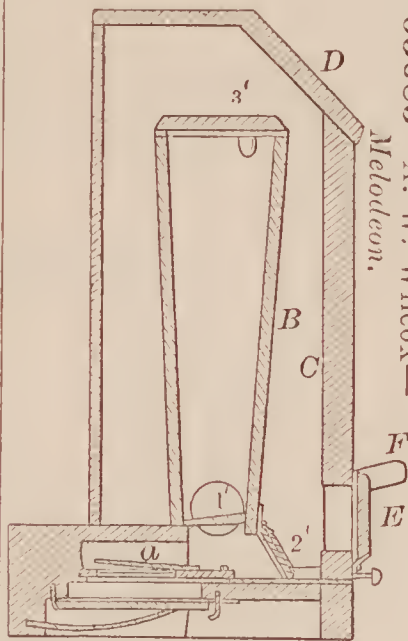
63684—W. H. Woods—Bit Brace.



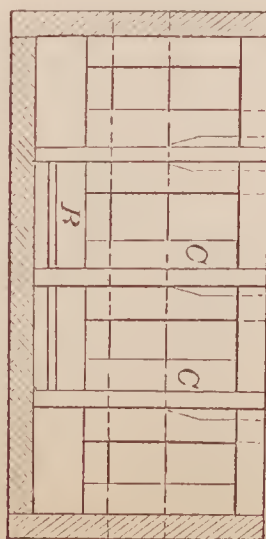
63682—White & Bedford—Well Boring Apparatus.



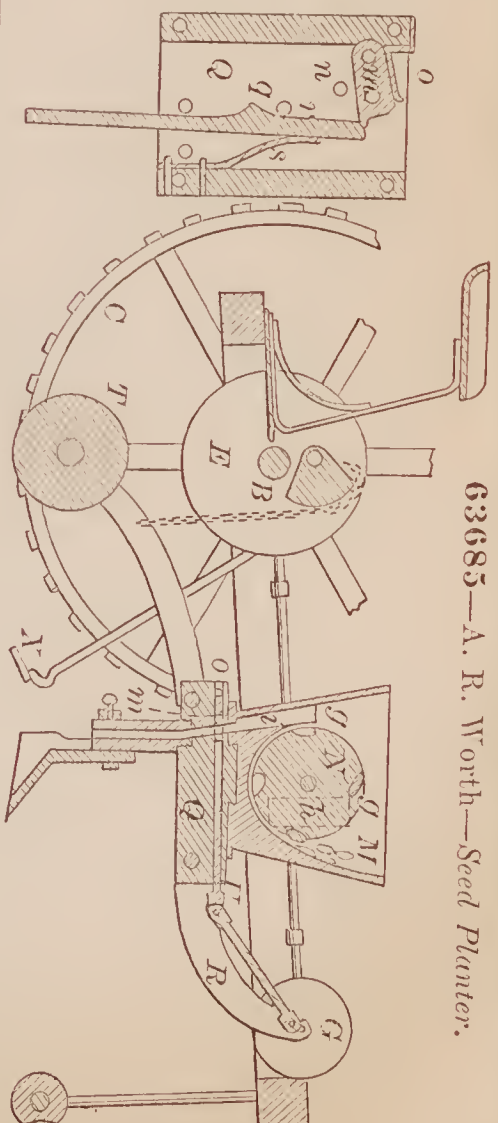
63683—A. W. Wilcox—Melodeon.

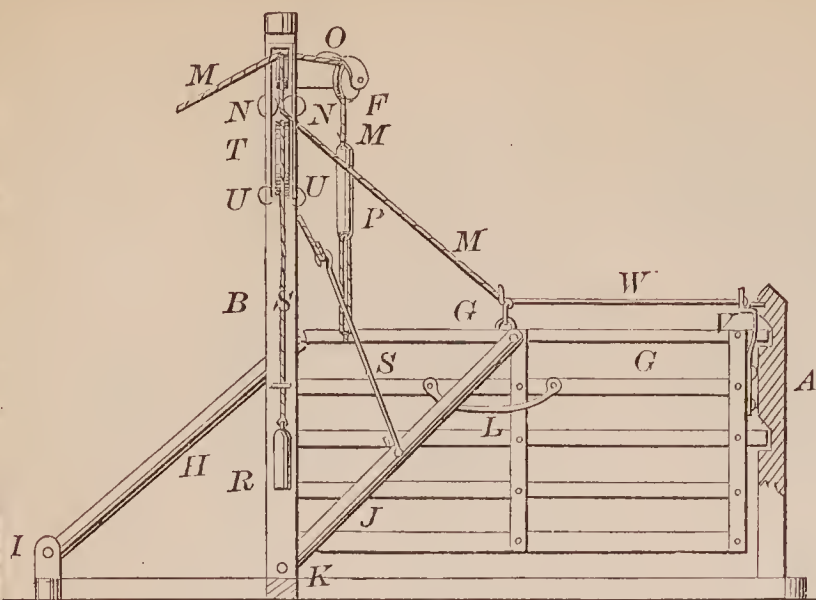
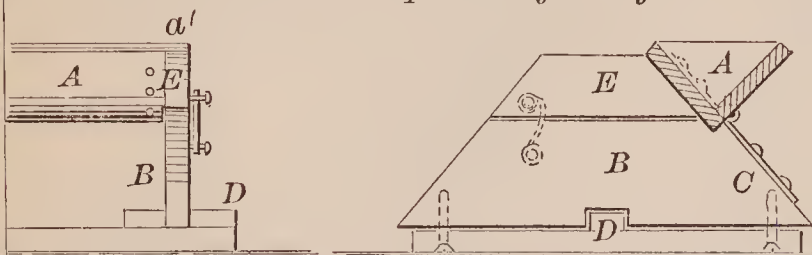
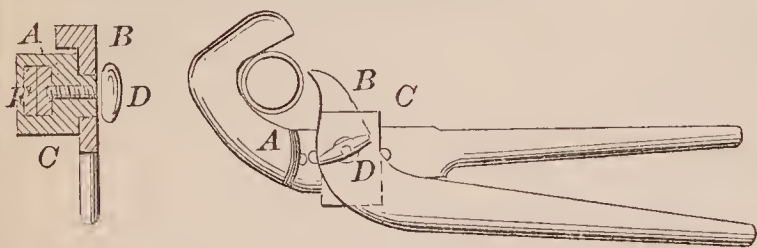
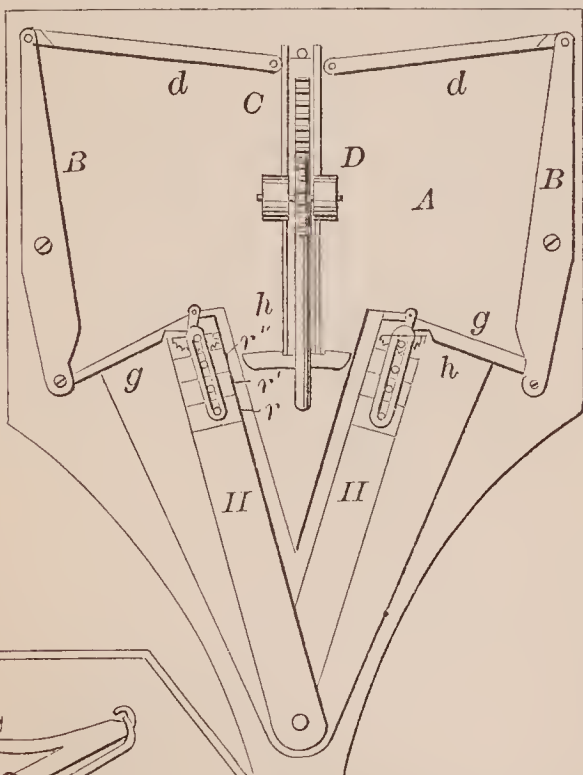
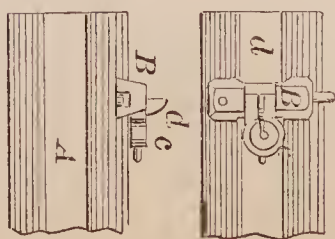
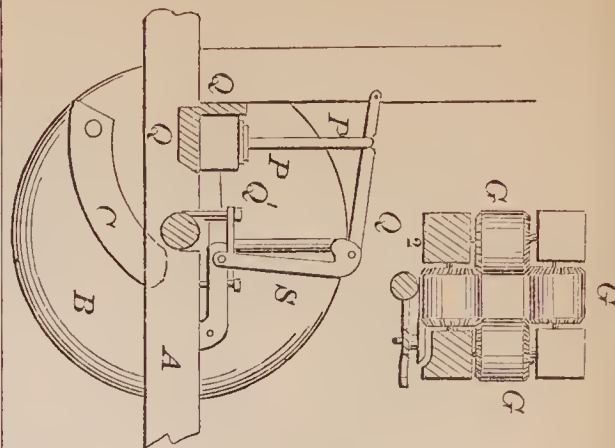
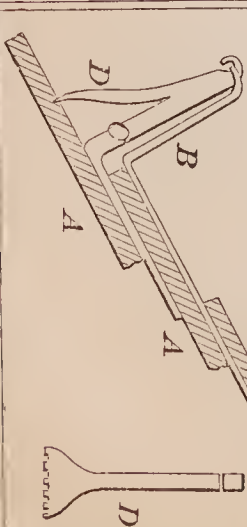
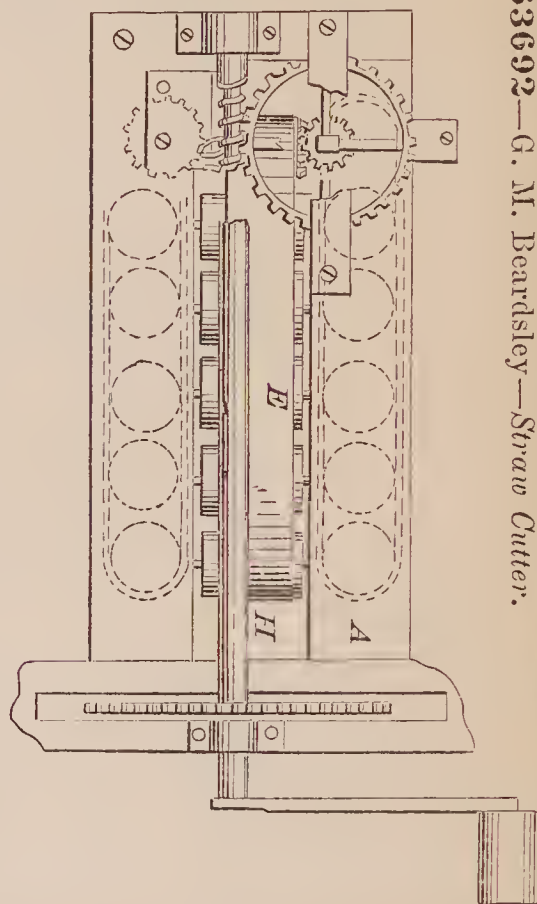
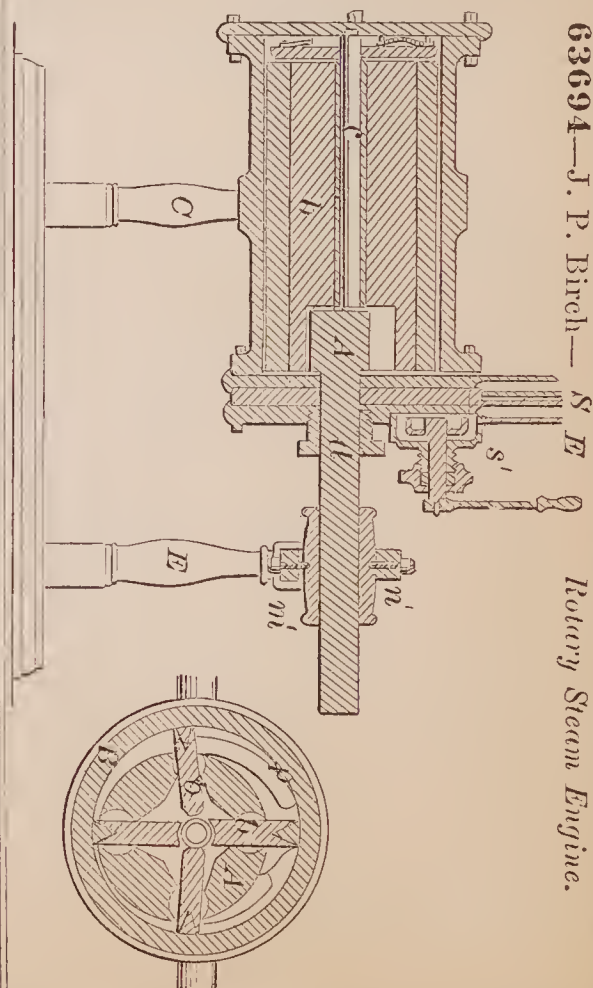


63686—J. H. Aldrich—Cattle Car.

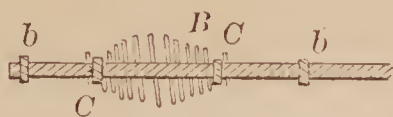


63685—A. R. Worth—Seed Planter.

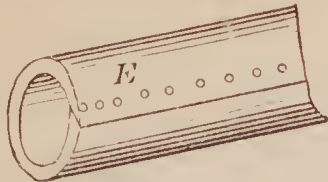


63687—W. D. & W. I. Armstrong—*Gate.*63688—C. Aulls—*Sheep Feeding Trough.*63689—R. Bain—*Pipe Wrench.*63691—G. M. Beardsley—*For Upsetting Tires.*63690—E. B. Beach—*Convertible Rifle Sight.*63693—H. Beckwith—*Seafold Bracket.*63692—G. M. Beardsley—*Straw Cutter.*63694—J. P. Birch—*Rotary Steam Engine.*

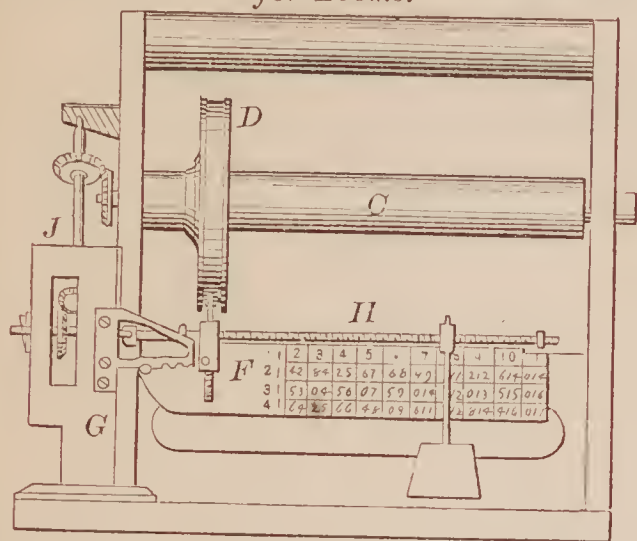
63695—Blake & Tyrrel—*Flue Scraper*.



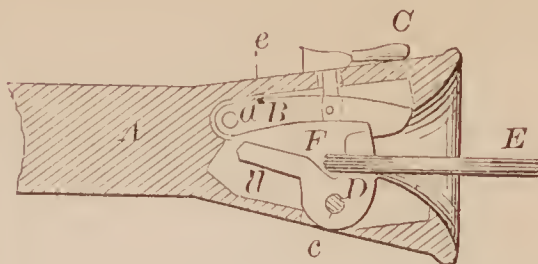
63697—A. Brisbane—*Wooden Pipe*.



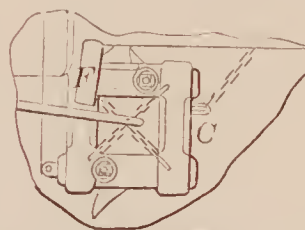
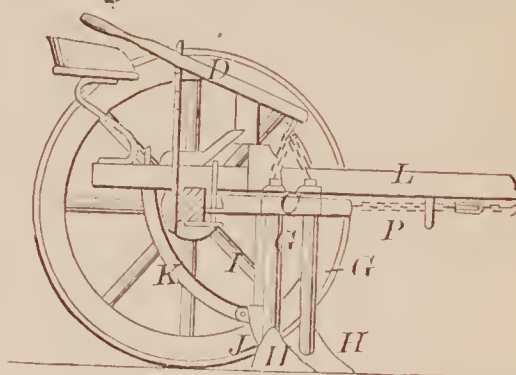
63699—M. Brookfield—*Let-off Mechanism for Looms*.



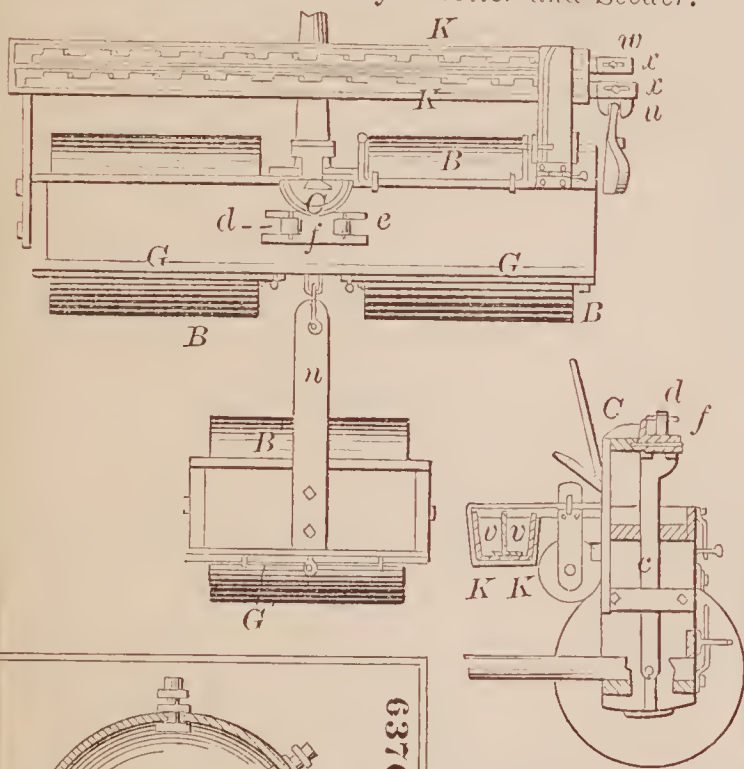
63696—Boon & Orsborn—*Car Coupling*.



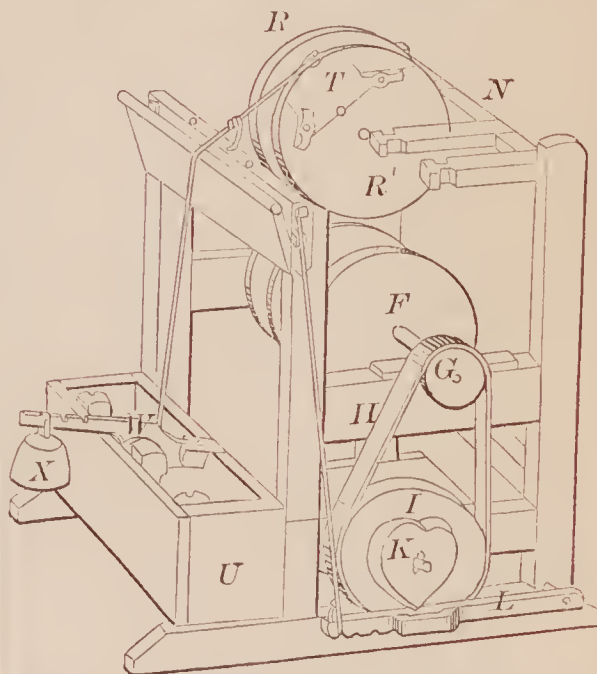
63698—H. C. Bristol—*Cultivator*.



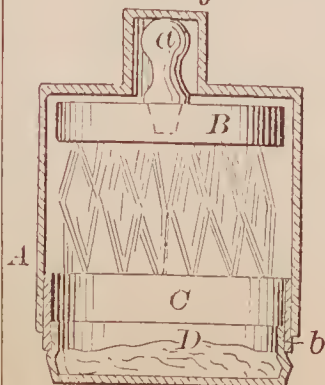
63704—H. S. Connelly—*Roller and Seeder*.



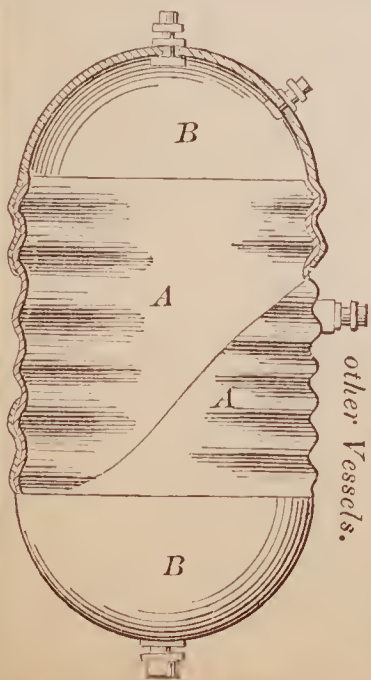
63703—M. Cellerie—*For Stretching and Winding Silk Thread*.



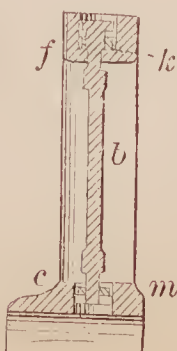
63700—C. E. Brown—*Blacking Case*.



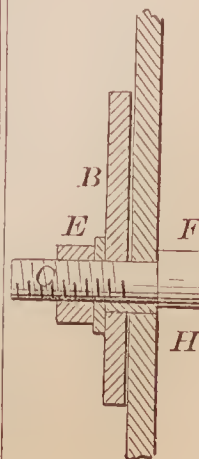
63701—J. Carroll—*Sheet Metal Boiler and other Vessels*.



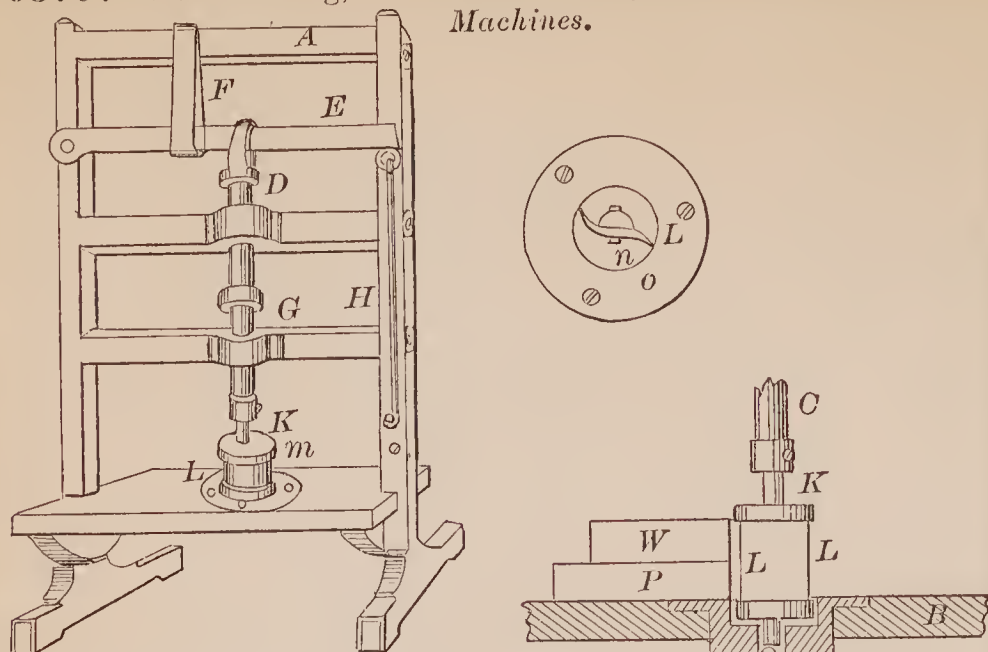
63705—J. M. Coombs—*Carriage Wheel*.



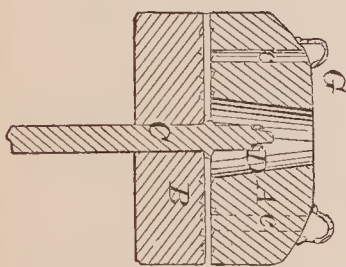
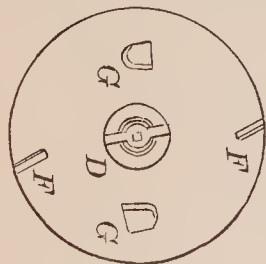
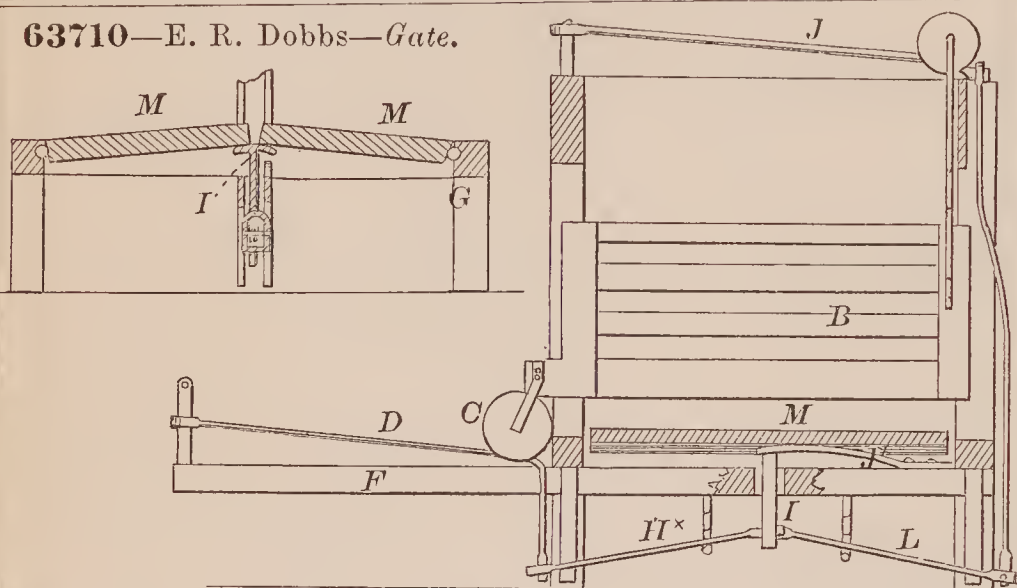
63706—J. Crompton—*Bolt and Head*.



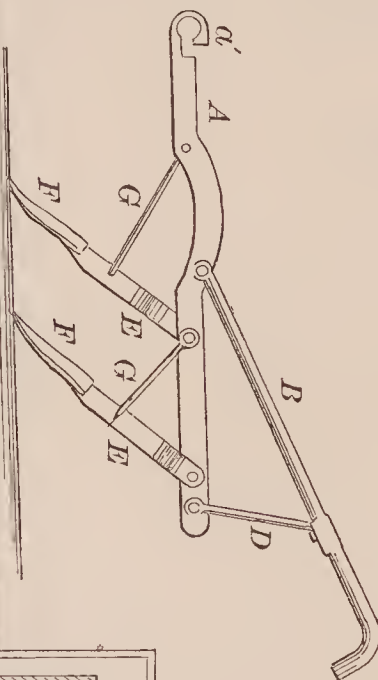
63707—D. Cumming, Jr.—*Cutter Head for Wood Moulding Machines.*



63710—E. R. Dobbs—*Gate.*

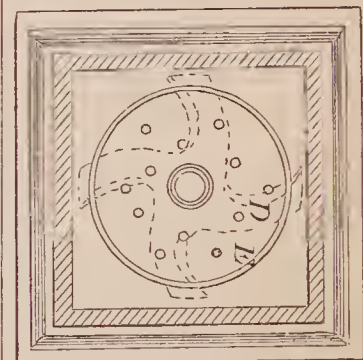
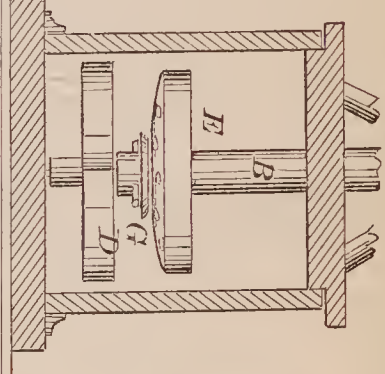


63712—J. Fickinger—*Grinding Mill.*

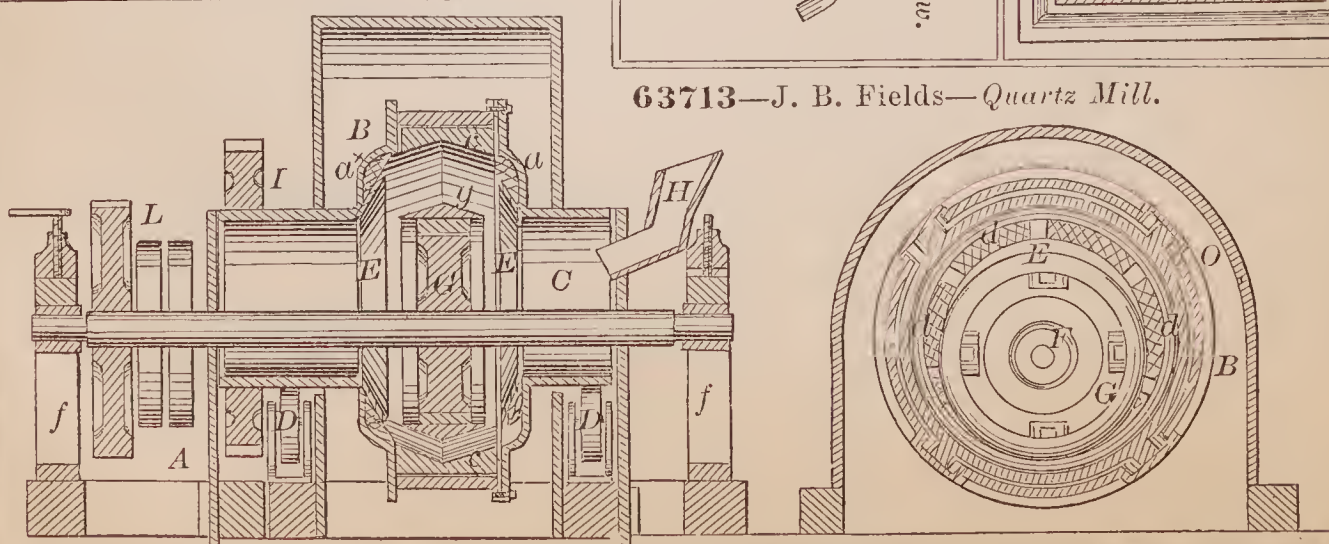


63711—J. M. Eby—*Double Shovel Plow.*

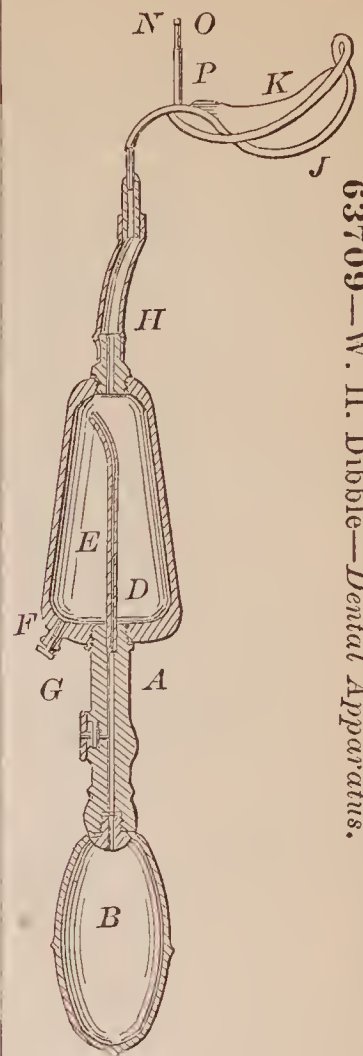
63708—J. T. Dawson—*Churn.*



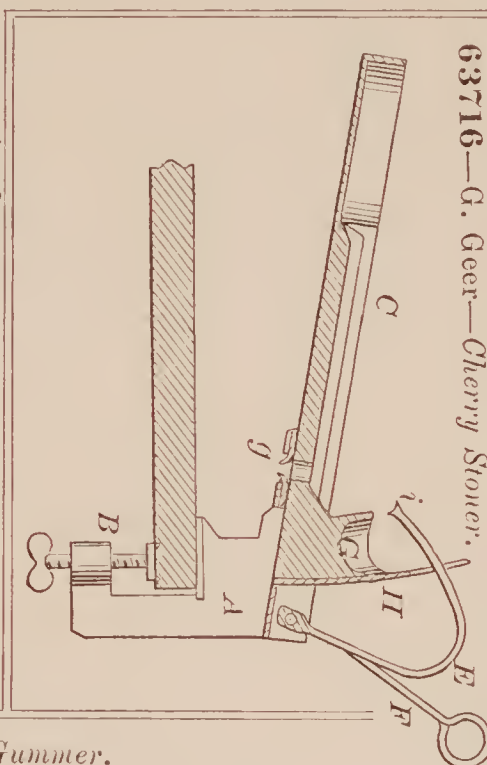
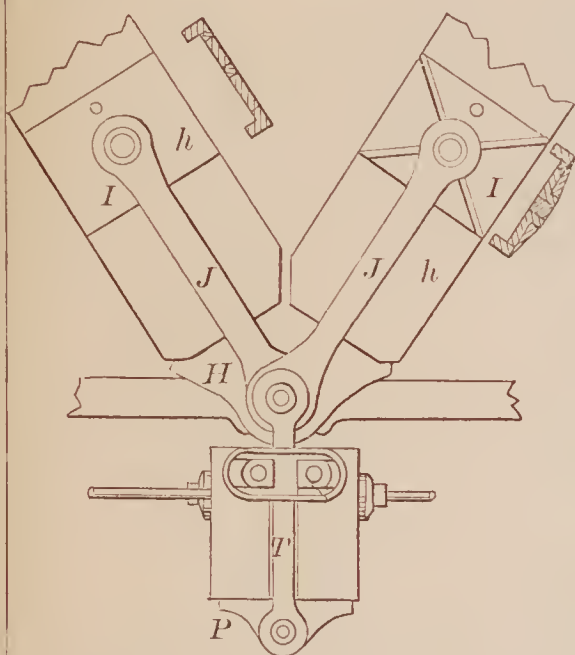
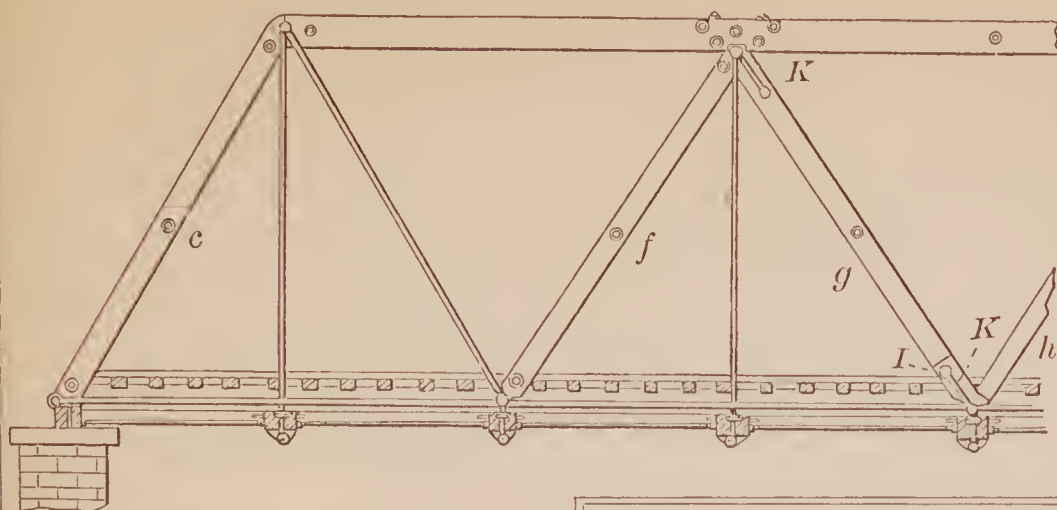
63713—J. B. Fields—*Quartz Mill.*



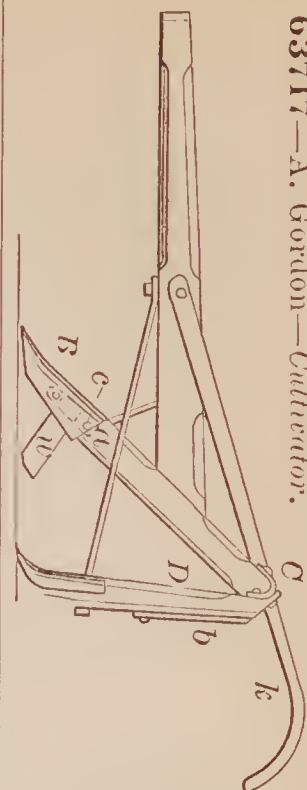
63709—W. H. Dibble—*Dental Apparatus.*



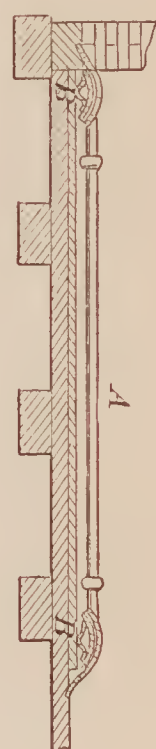
63714—A. Fink—*Bridge.*



63716—G. Geer—*Cherry Stoner.*

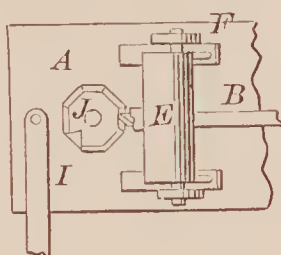
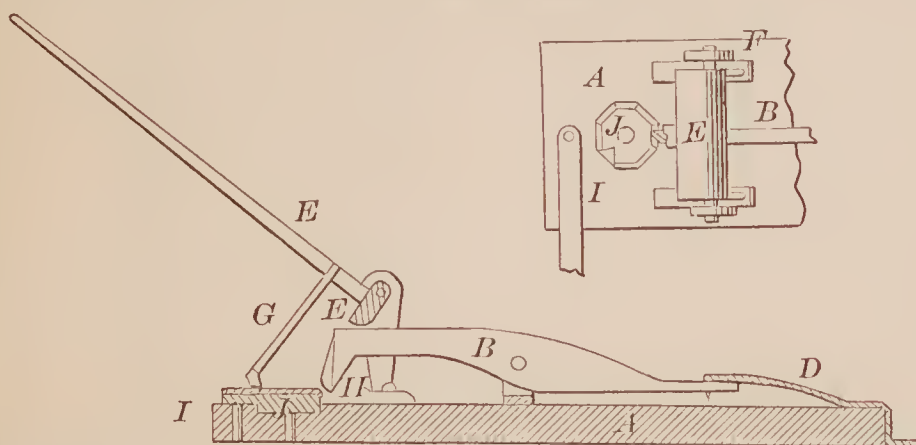


63717—A. Gordon—*Cultivator.*

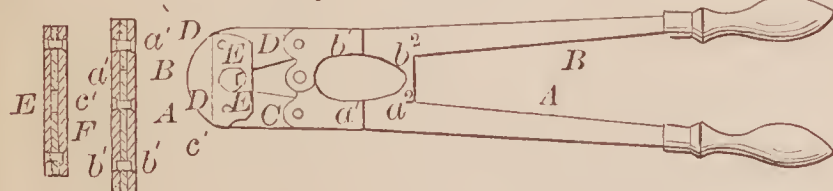


63718—C. Gullmann—*Carpet Fastener.*

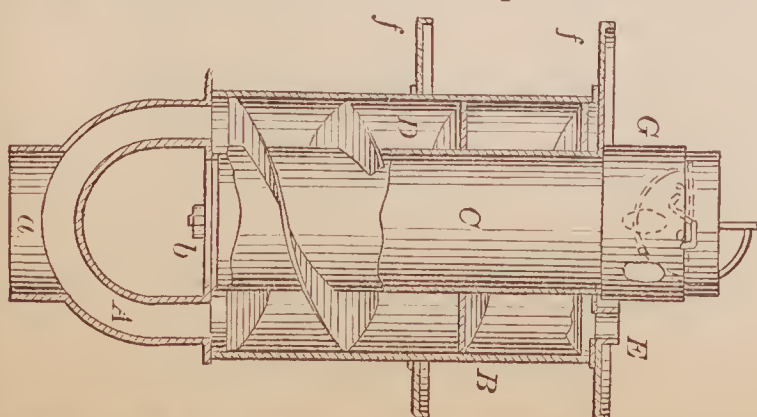
63715—J. Gardner—*Saw Set and Gummer.*



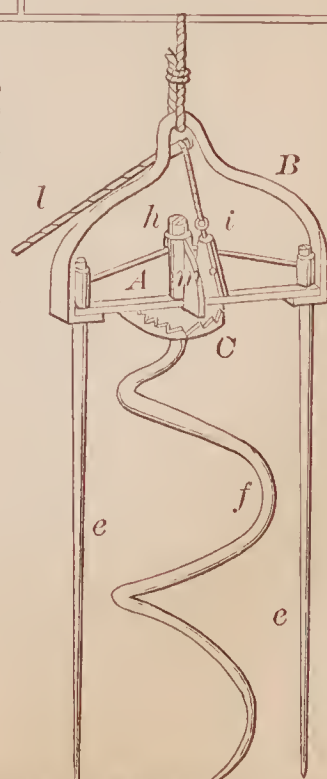
63721—H. M. Handy—*Bolt Cutter.*



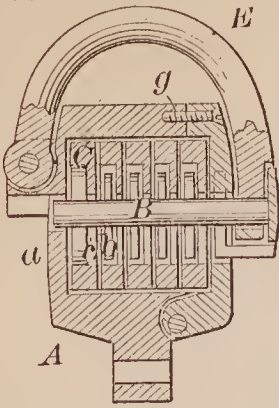
63720—S. A. Halladay—*Stove Pipe Drum.*



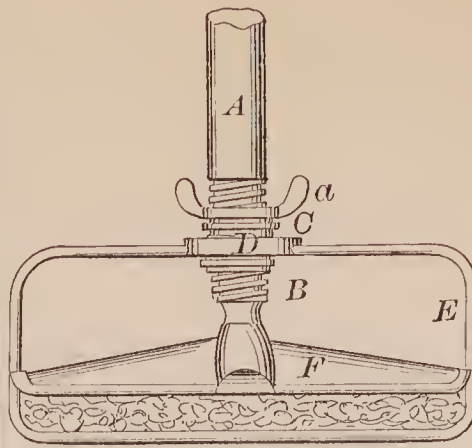
63719—J. T. Hall—*Horse Hay Fork.*



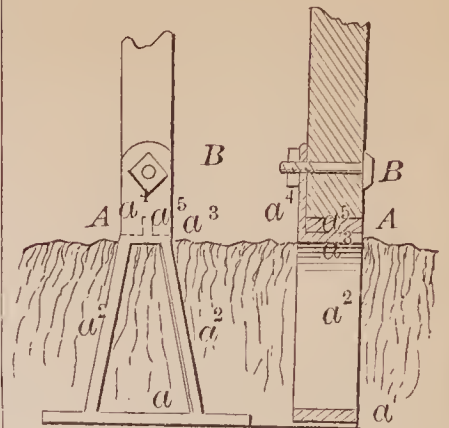
63722—
Harding & Reed—
Combination Padlock.



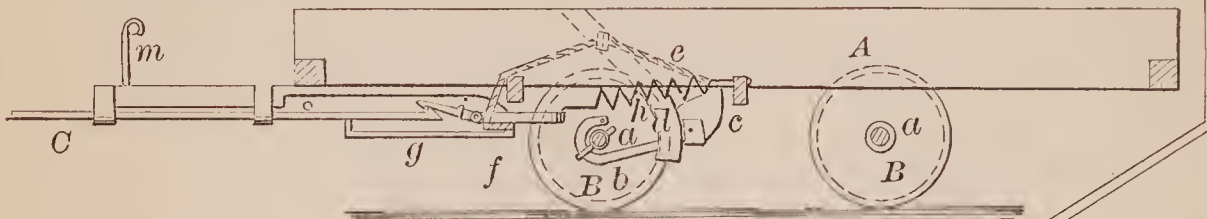
63731—W. A. Lewis—Mop Head.



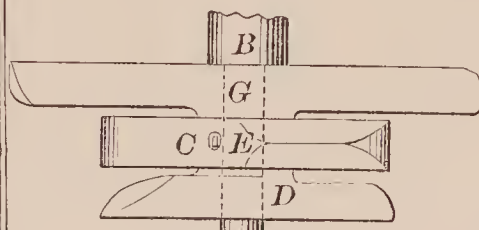
63725—G. Ipe—Fence Post.



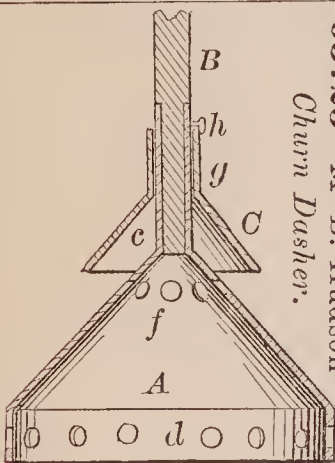
63726—T. B. Jordan—Starting Apparatus for Street Cars.



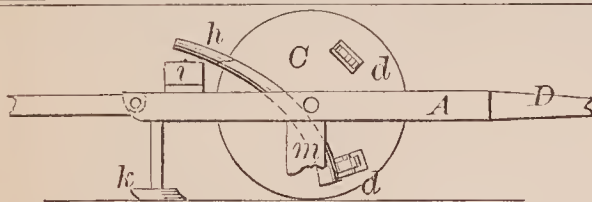
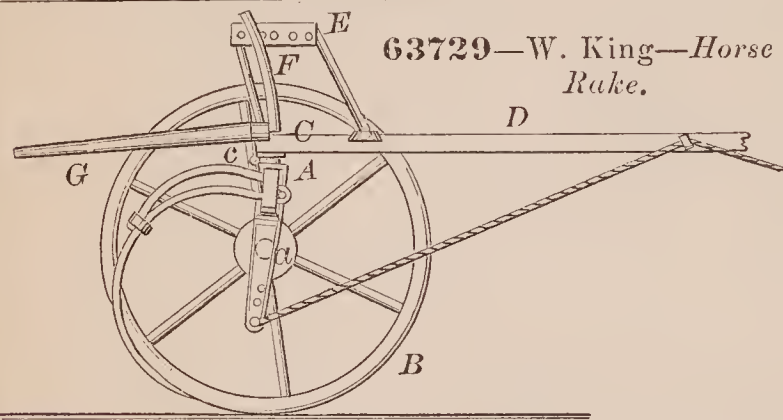
63728—R. Keese—Churn.



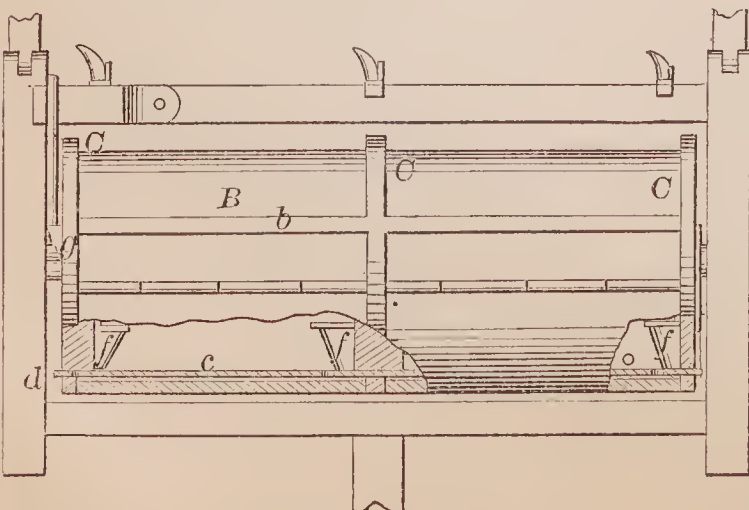
63723—M. B. Hudson—
Churn Dasher.



63729—W. King—Horse
Rake.



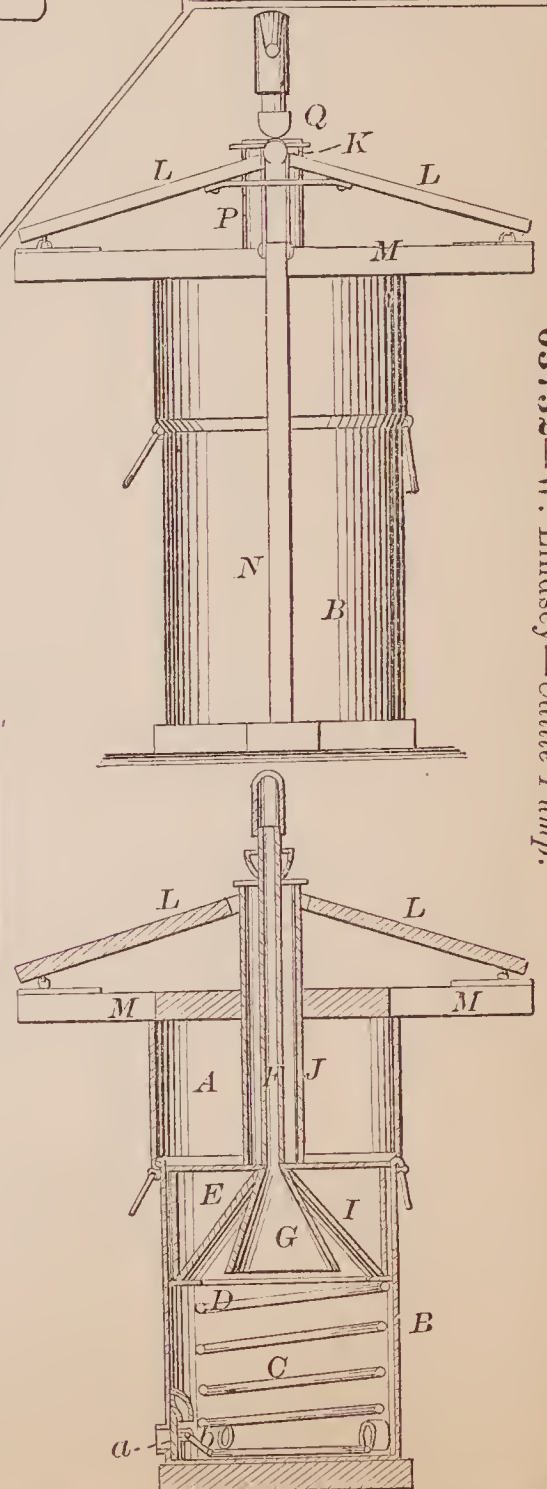
63724—W. Hunter—Corn Planter.



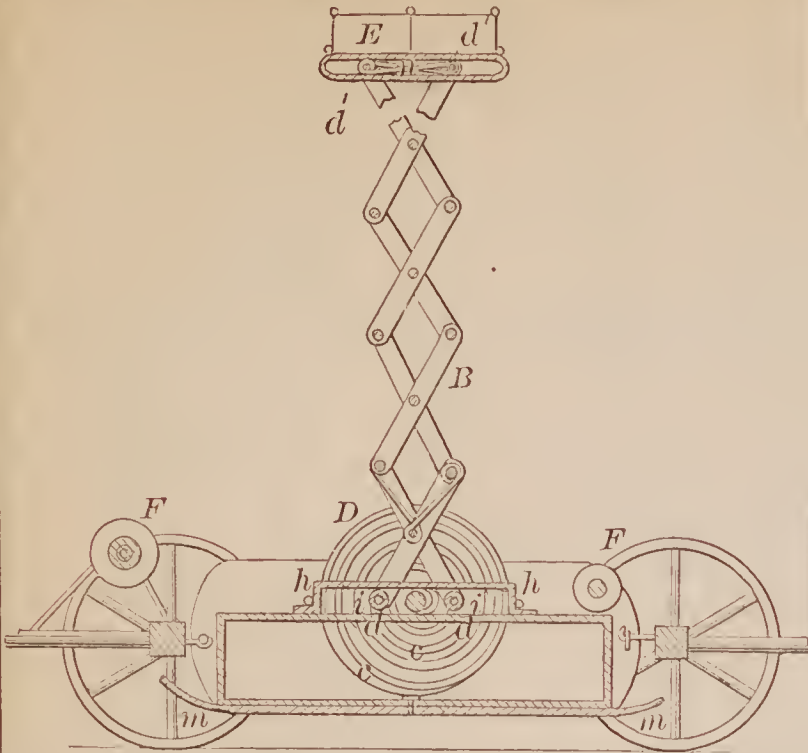
63730—W. M. Kirkpatrick—
Sash Supporter.



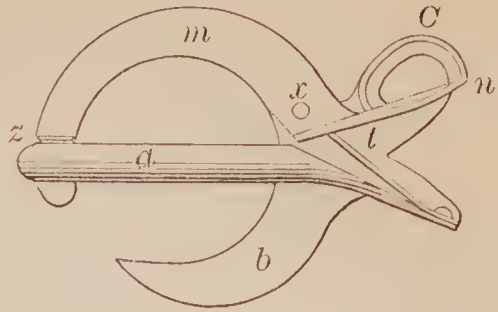
63732—W. Lindsey—Cattle Pump.



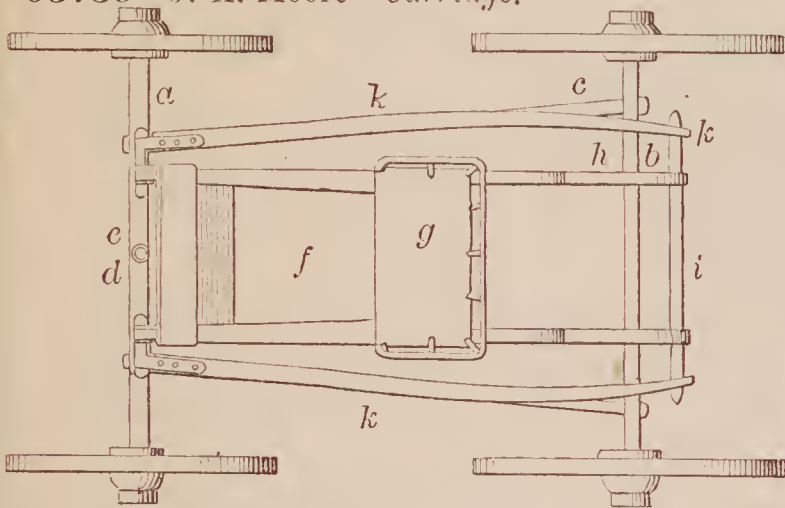
63735—R. Loomis—*Fire Escape Ladder.*



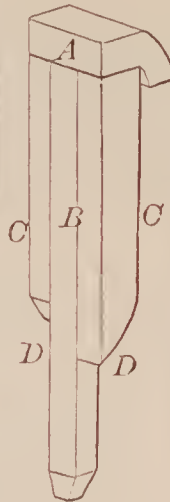
63736—J. Low—*Ox Bow Pin.*



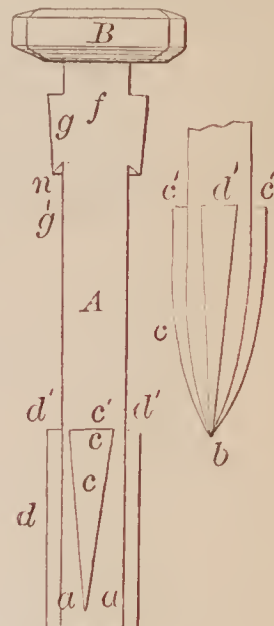
63739—J. H. Moore—*Carriage.*



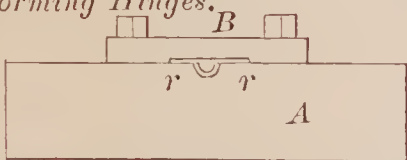
63737—G. W. McGill—*Spike.*



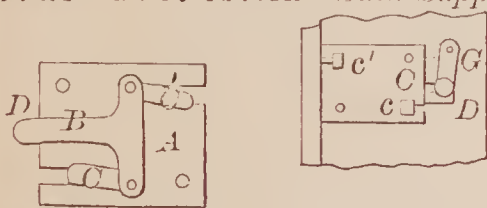
63738—J. Merlett—*Spike.*



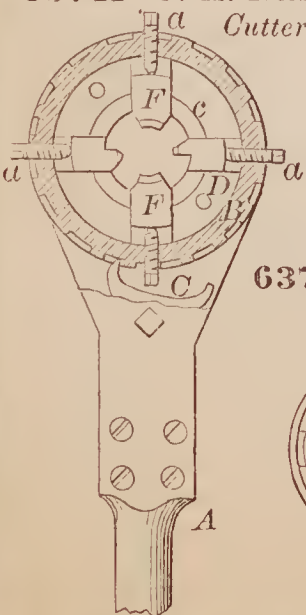
63742—J. O. Kane—*Die for Forming Hinges.*



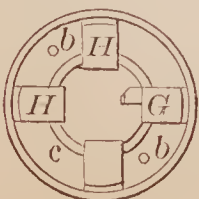
63743—D. J. Osborn—*Sash Supporter.*



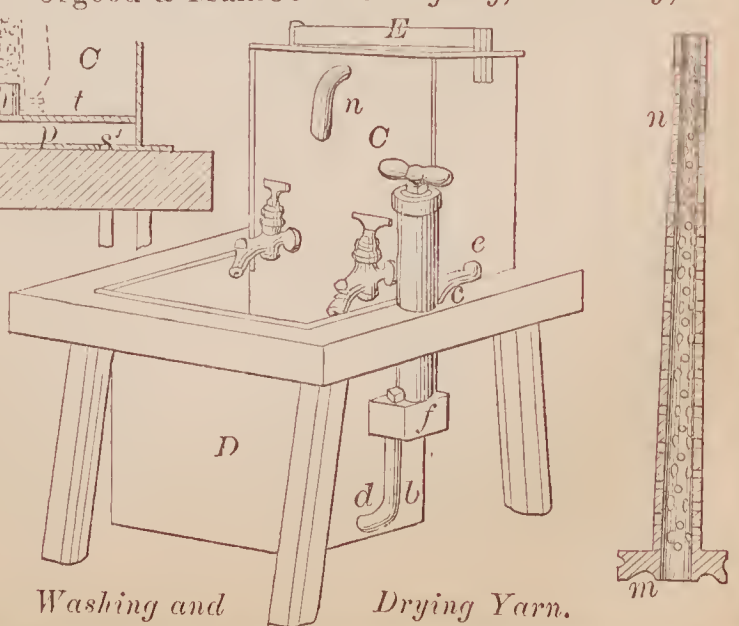
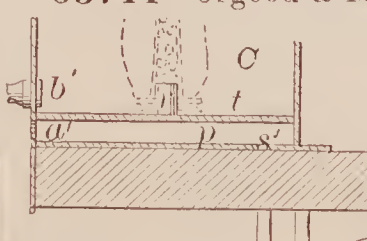
63741—J. K. Nelson—*Screw Cutter.*



63741—J. K. Nelson—*Screw Cutter.*

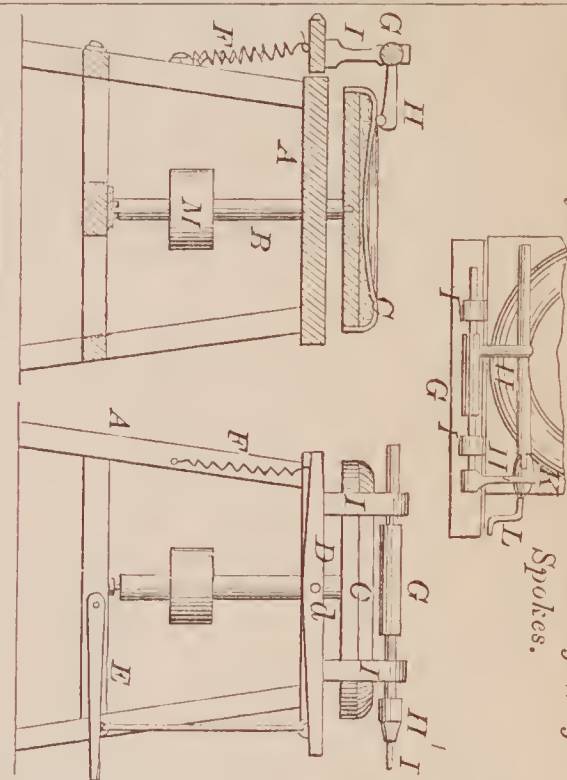


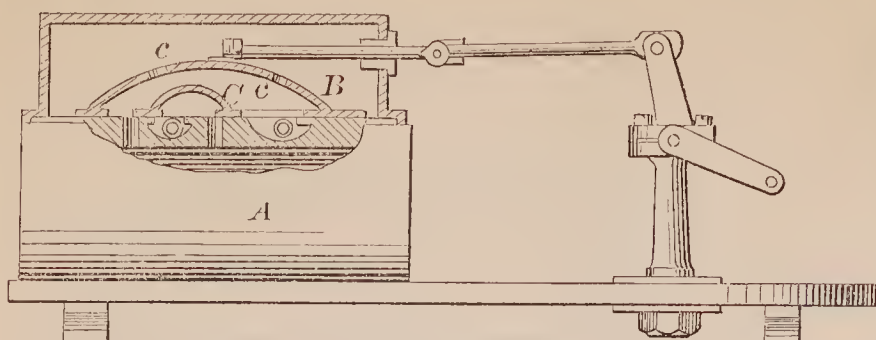
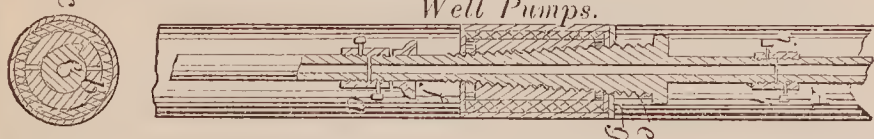
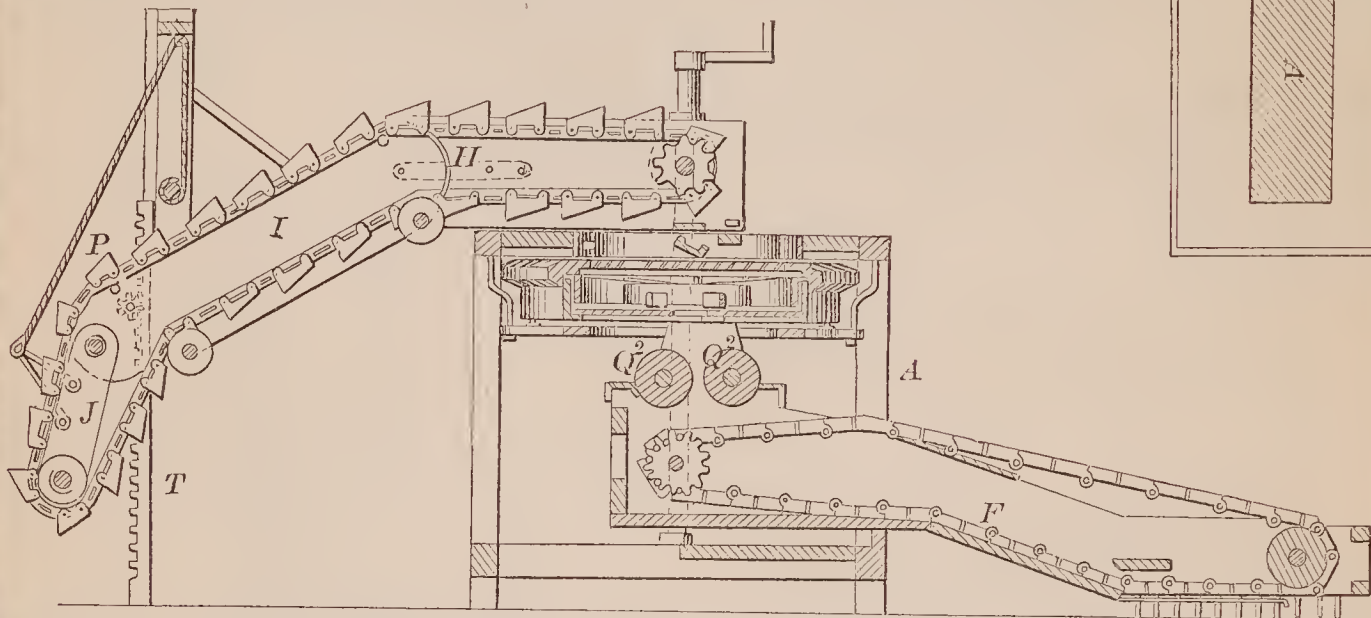
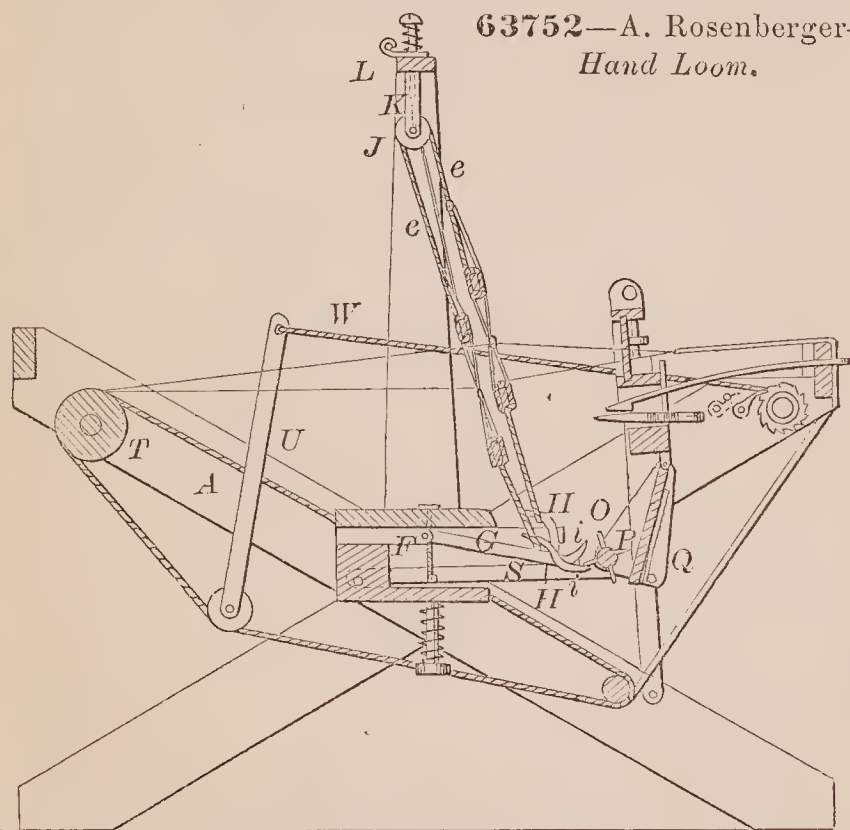
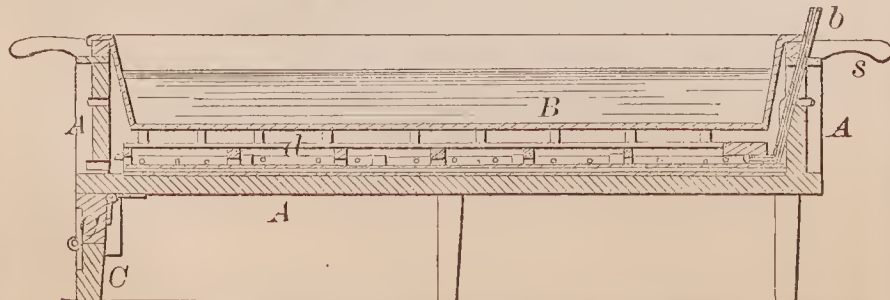
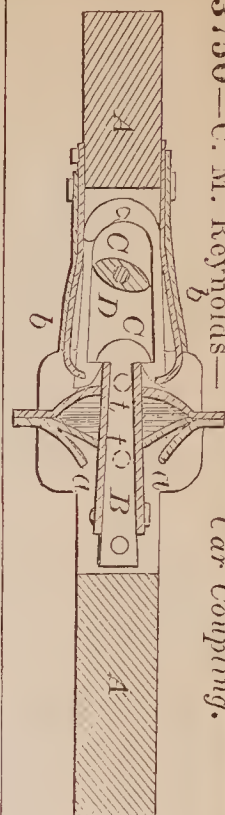
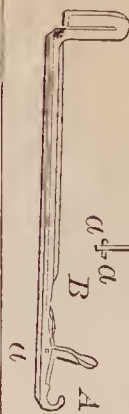
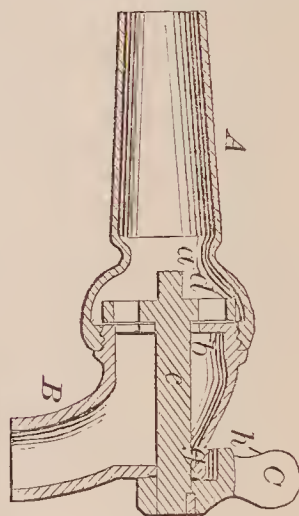
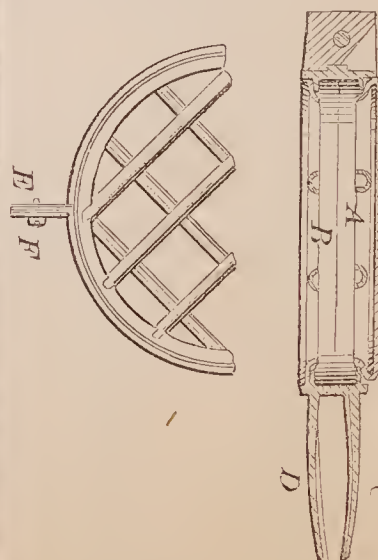
63744—Osgood & Munroe—*For Dyeing, Bleaching,*



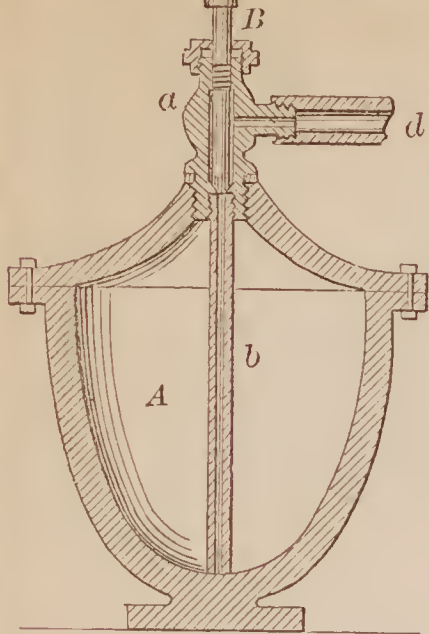
Washing and Drying Yarn.

63740—Myers & Willison—*For Polishing Wagon Spokes.*

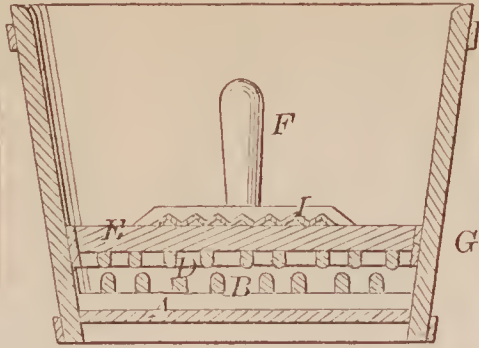


63745—E. & T. S. Parker—*Steam Engine Slide Valve.*63747—Petley & Fredricks—*Stuffing Box for Deep Well Pumps.*63751—M. S. Roberts—*Peat Machine.*63752—A. Rosenberger—*Hand Loom.*63755—L. C. & J. M. Schermerhorn—*Milk Vat.*63750—C. M. Reynolds—*Car Coupling.*63746—B. F. Peaslee—*Knitting Machine Needle.*63748—J. Regester—*Faucet.*63753—E. P. Russell—*Grilliron.*

63756—A. D. Schnackenberg—*Portable Soda Fountain.*



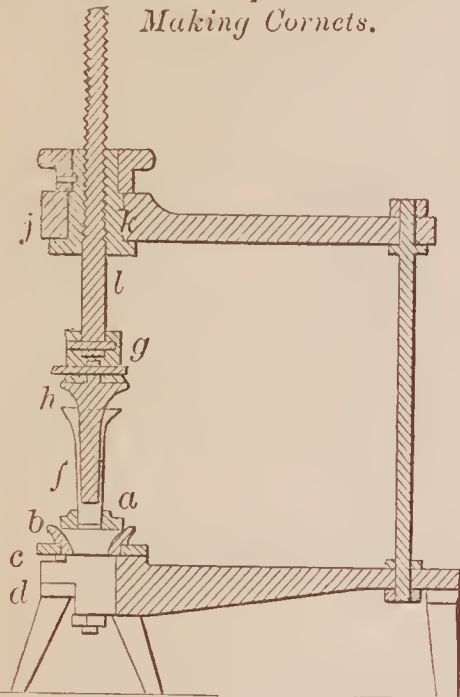
63758—J. S. Sills—*Washing Machine.*



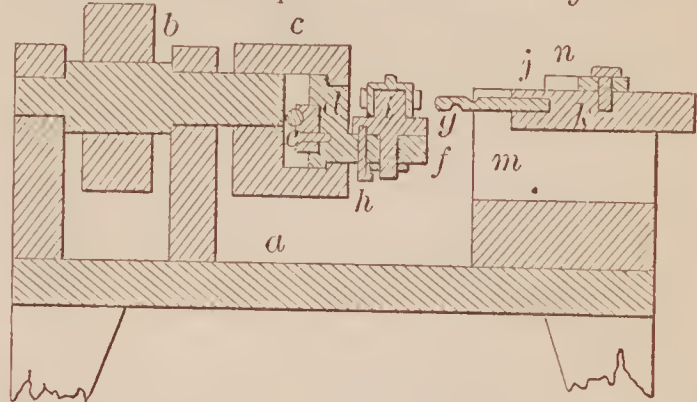
63759—D. M. Smith—*Clothes Pin.*



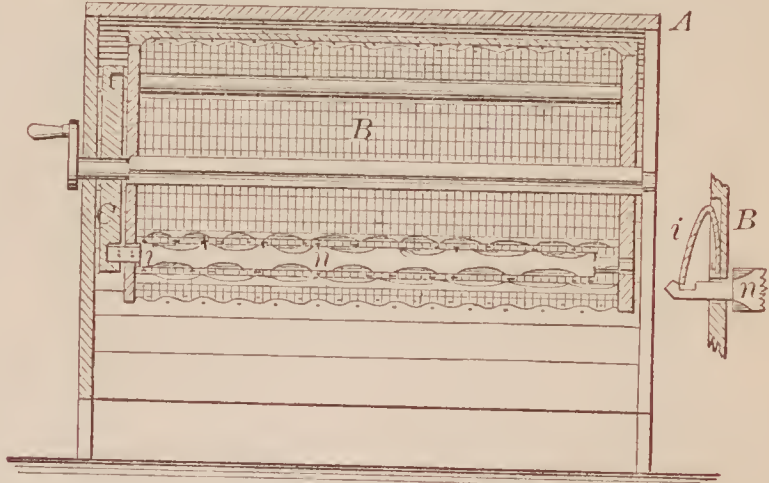
63761—L. W. Spencer—*For Making Cornets.*



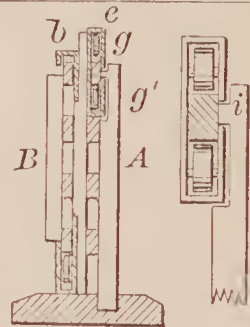
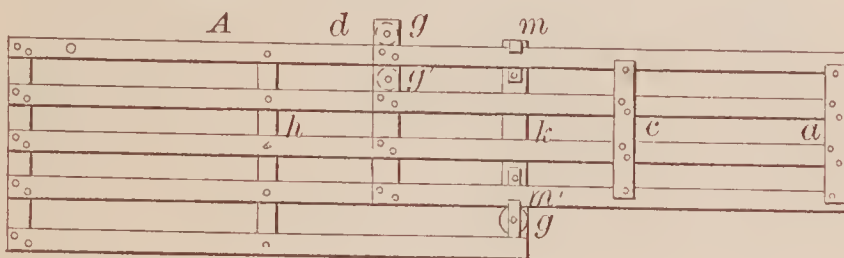
63760—L. W. Spencer—*For Making Cornets.*



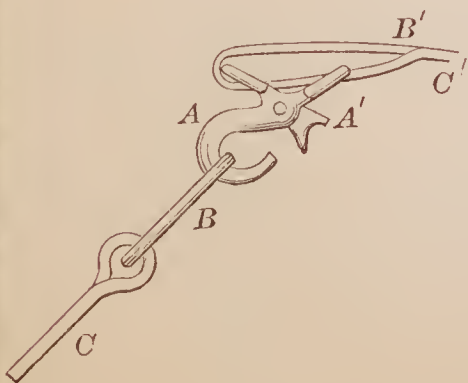
63763—G. Stevenson—*Grain Cleaner.*



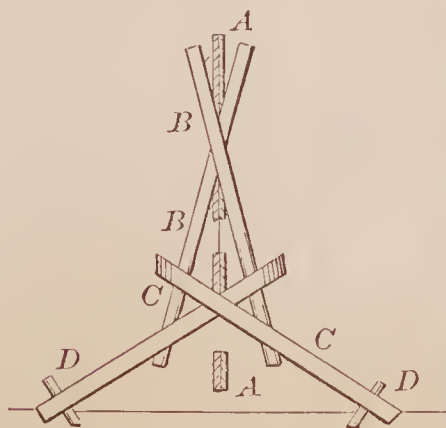
63757—E. C. Sears—*Farm Gate.*



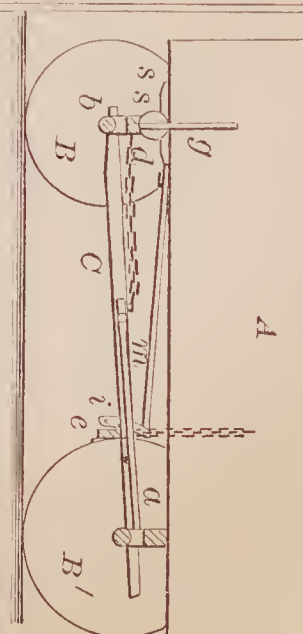
63762—C. Starbuck—*Cam Hitching Hook.*



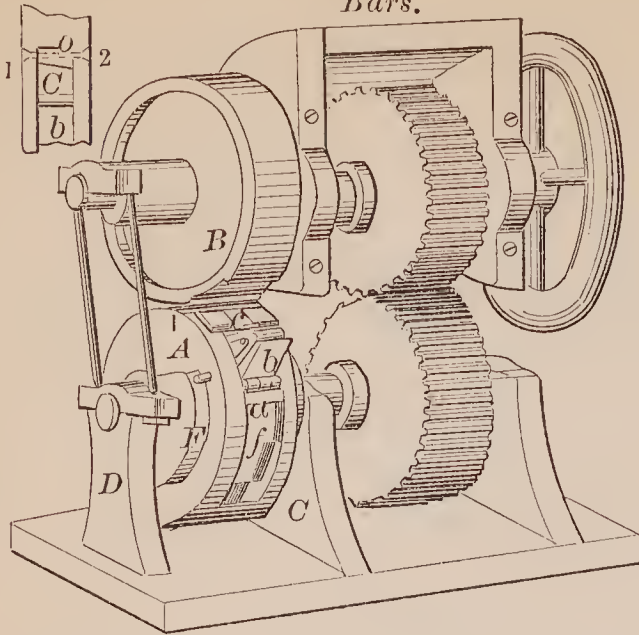
63764—J. W. Suidter—*Portable Fence.*



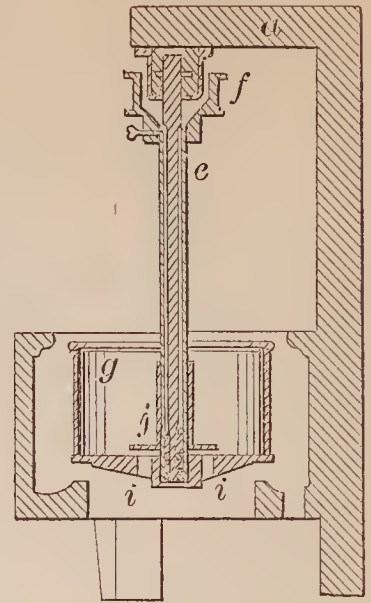
63765—W. Tash—*Wagon Brake.*



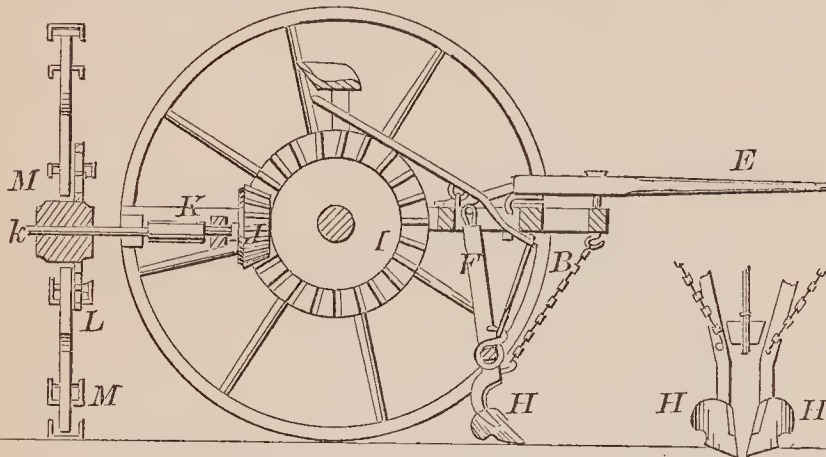
63766—H. Thompson—*For Shaping and Heading Metal Bars.*



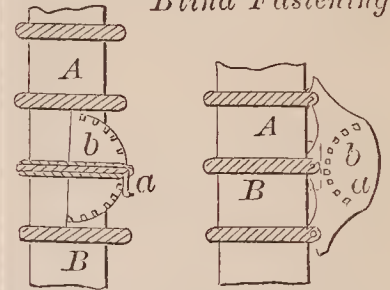
63770—D. M. Weston—*Centrifugal Machine.*



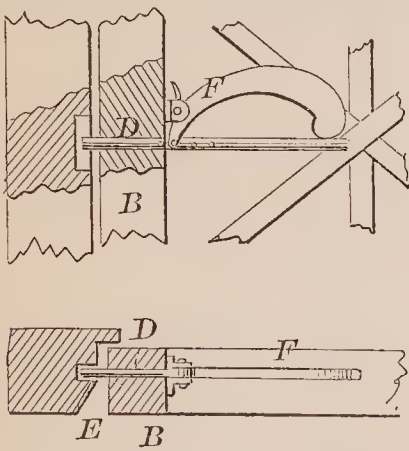
63767—Wallace & McClain—*Cotton Cultivator.*



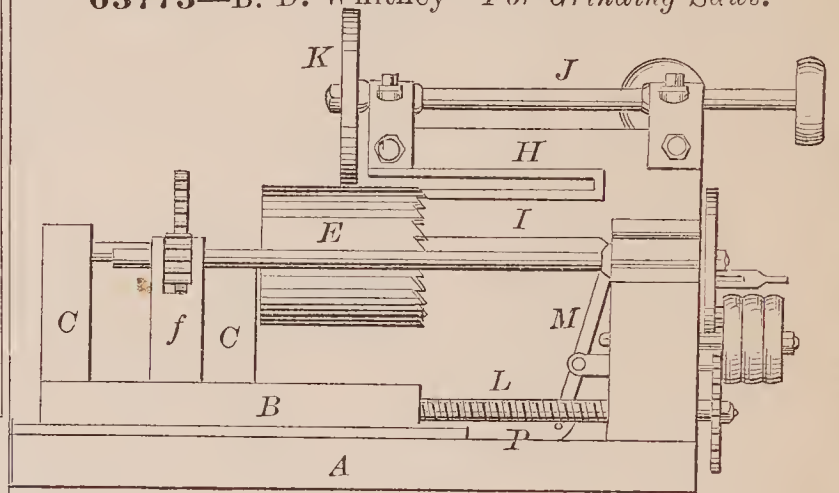
63768—A. Warner—*Window Blind Fastening.*



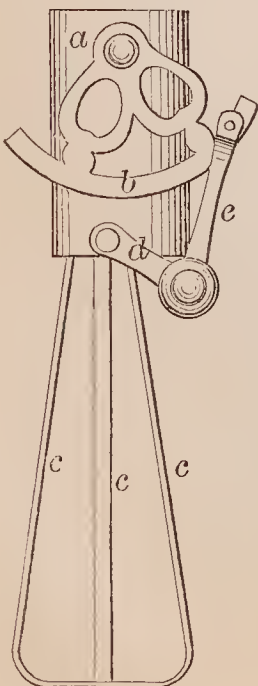
63769—W. T. Wells—*Gate Latch.*



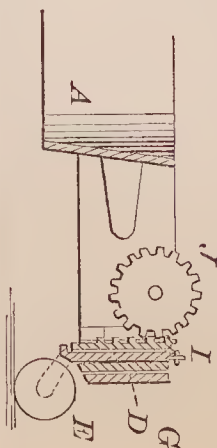
63773—B. D. Whitney—*For Grinding Saws.*



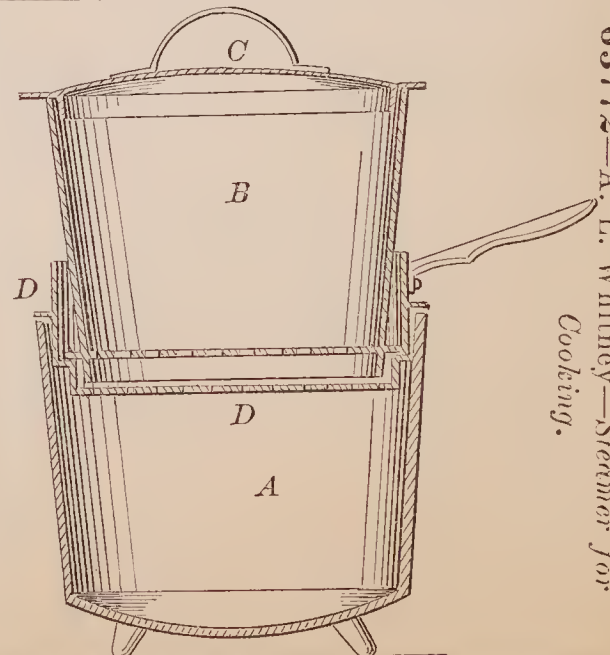
63774—W. Weckersham—*Egg Beater.*



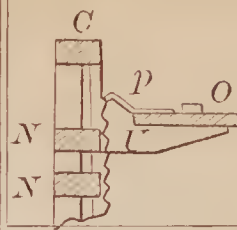
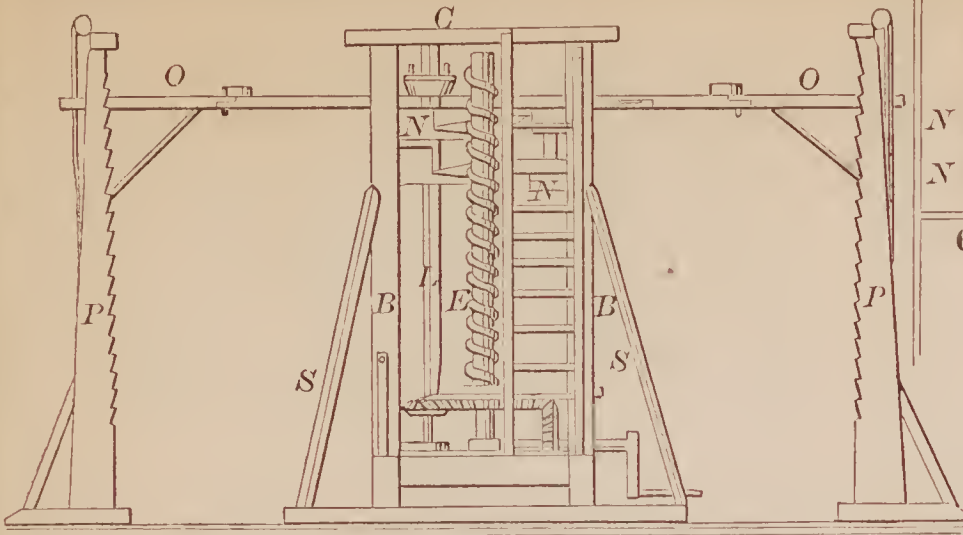
63771—G. H. White—*Road Scraper.*



63772—A. L. Whitney—*Steamer for Cooling.*

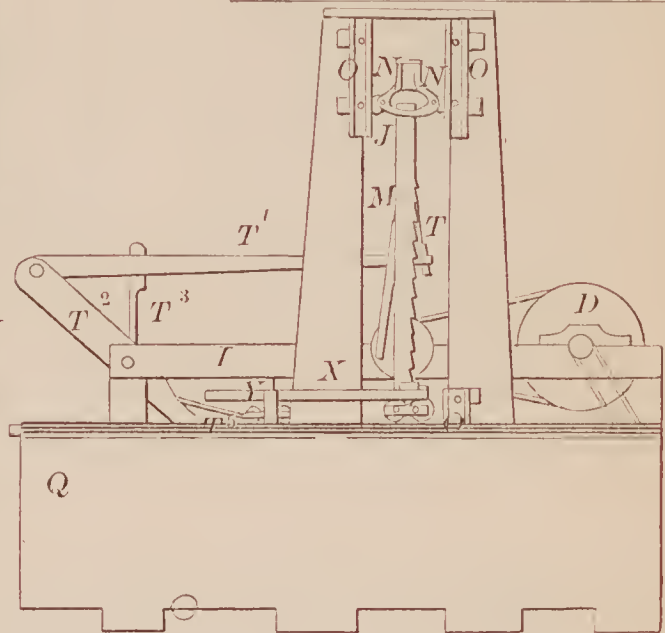
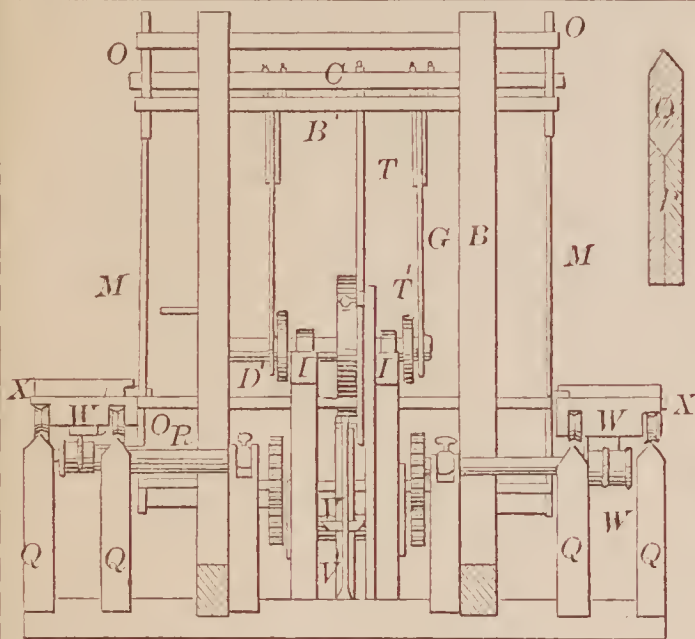
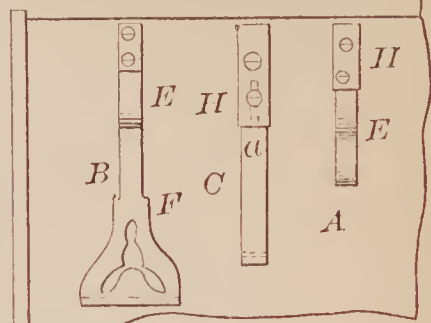


63775—J. P. Wright—*Scaffold.*

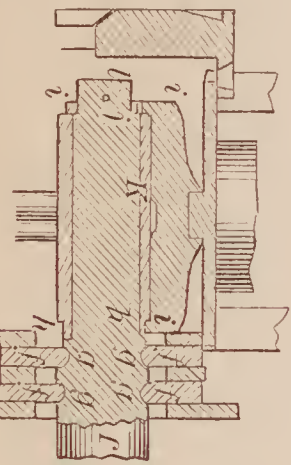


63779—
A. C. Andrews—
Cutting India
Rubber with
Leather.

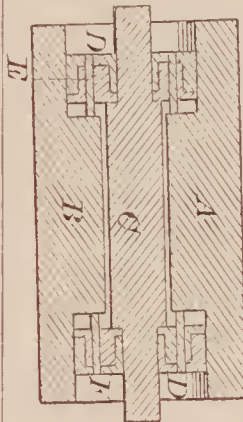
63776—N. A. Wright—*Book
Holder for Pews.*



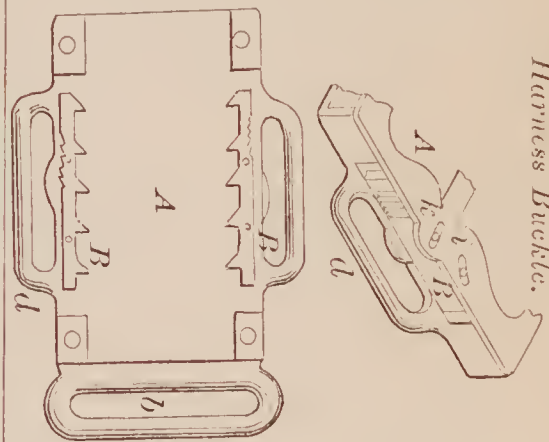
63780—A. Bee—*Saw Mill.*



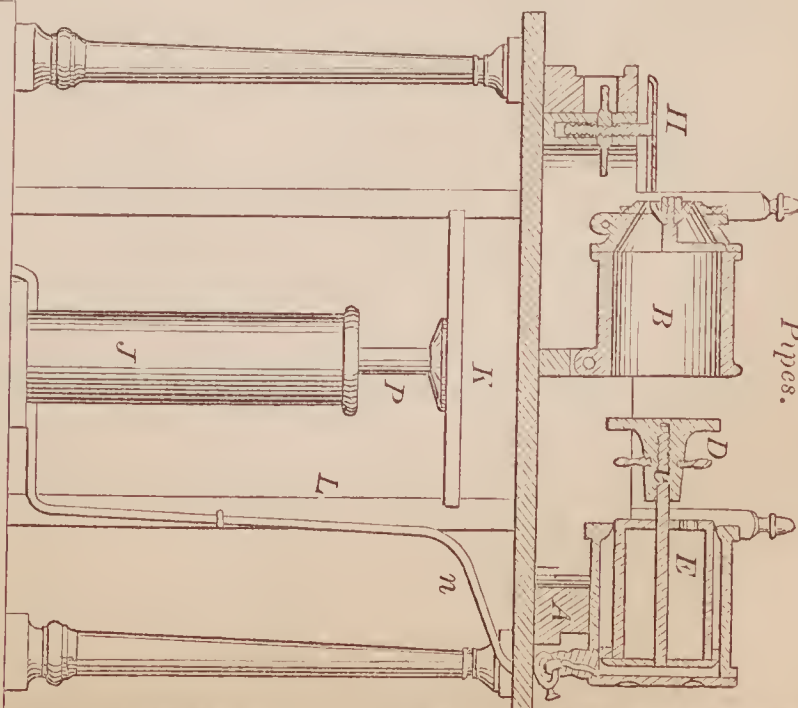
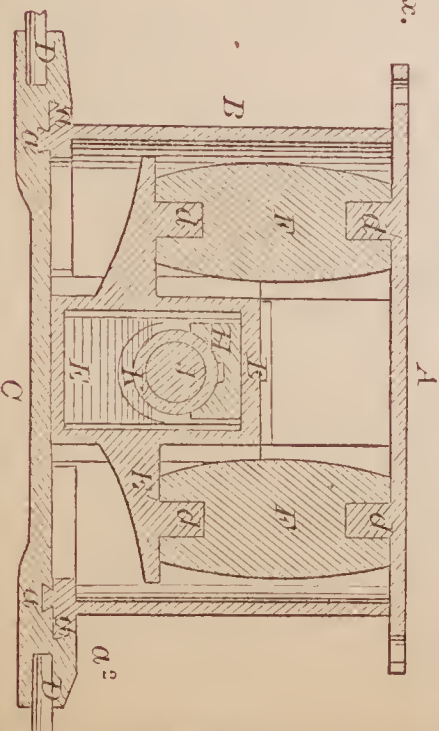
63783—N. Campbell—*Axle Box.*



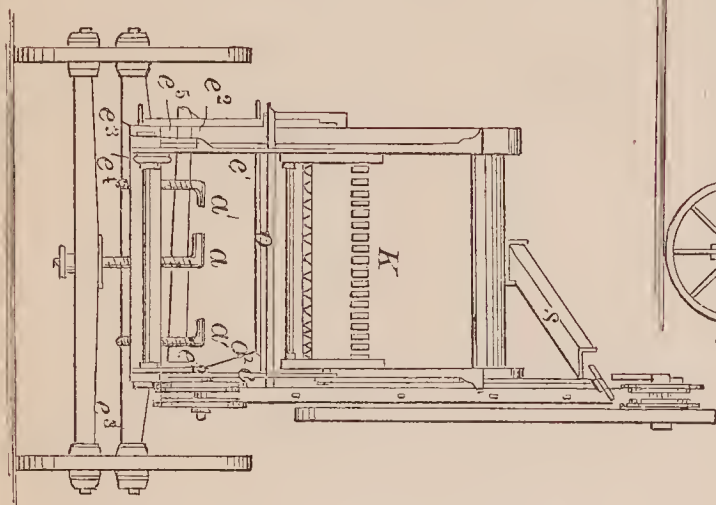
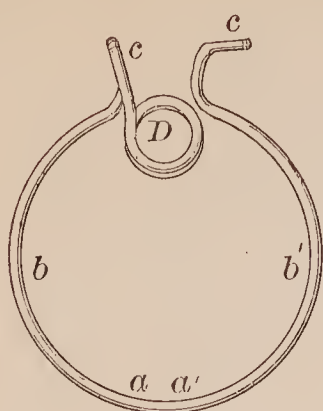
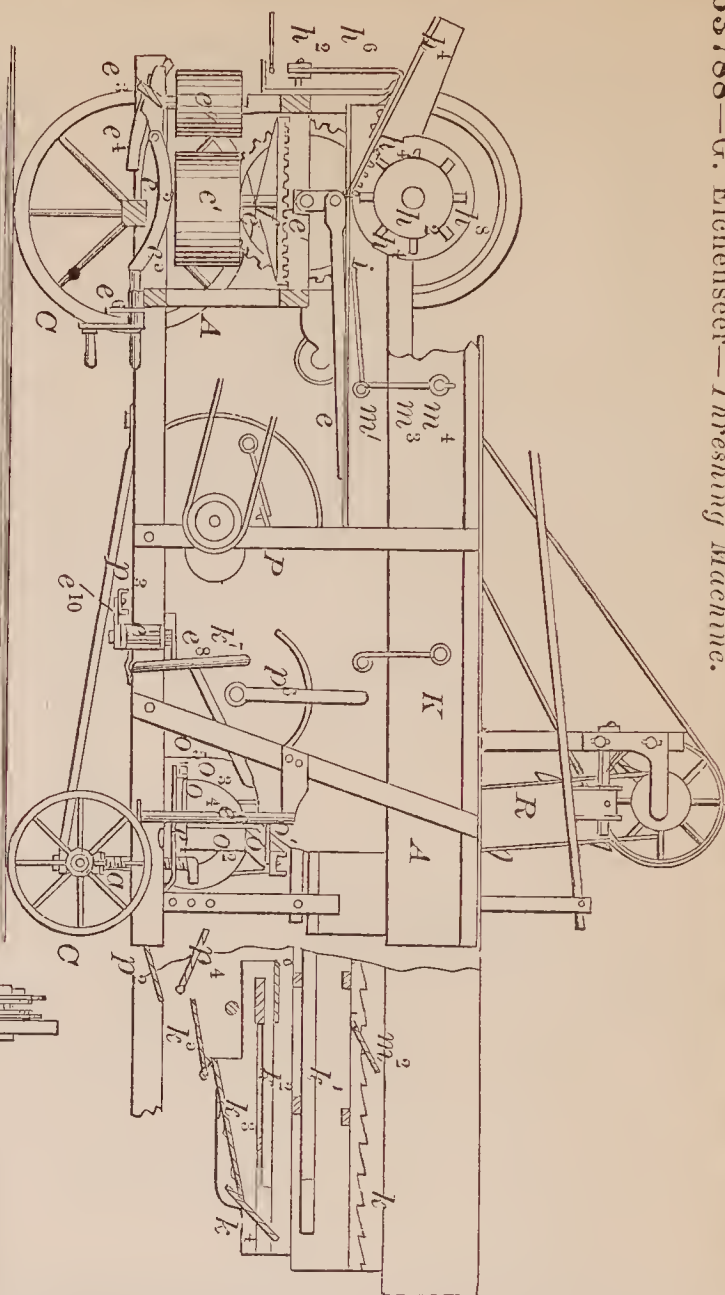
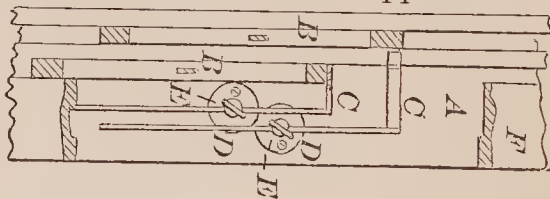
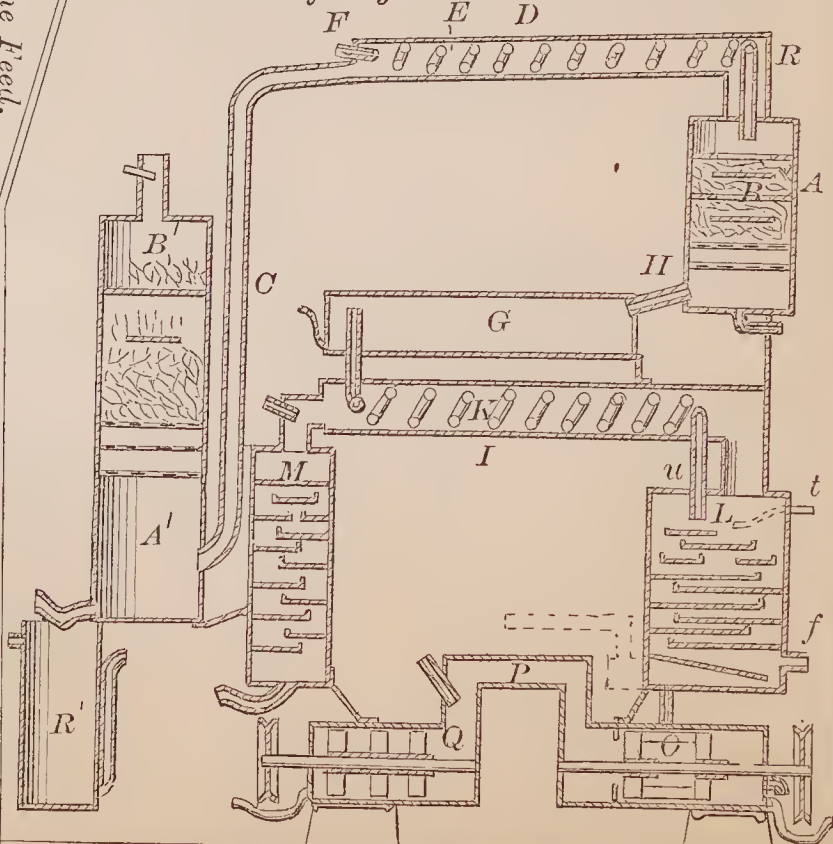
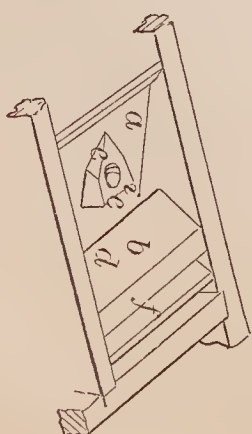
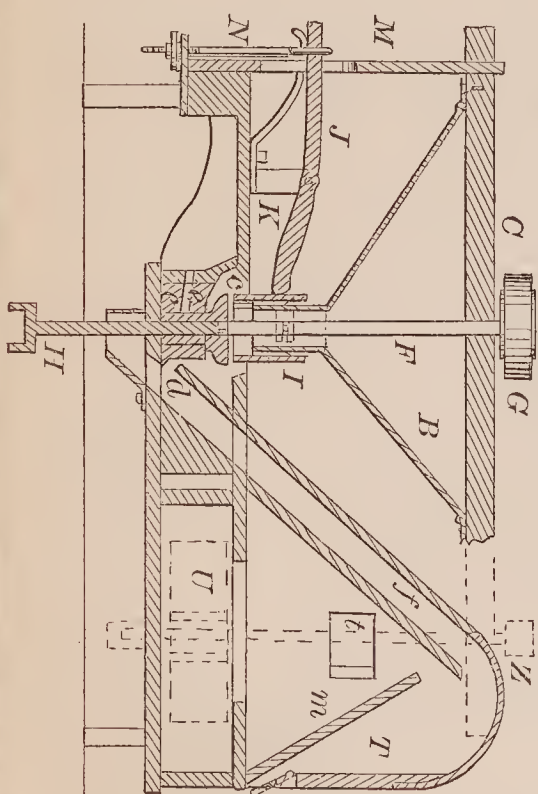
63781—H. M. Bird—*Mould
for Pipe Casting.*



63782—G. S. Caldwell—
Harness Buckle.



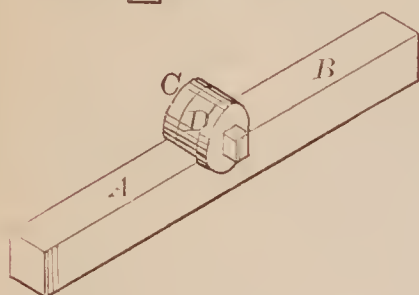
63784—C. Collier—*For Making Drain Water
Pipes.*

63785—G. Crandell—*Paper File.*63788—G. Eichenseer—*Threshing Machine.*63787—H. Ehl—*Sash Supporter.*63789—Ellis & Kattell—*For Distilling and Refining Petroleum, &c.*63786—M. De Camp—*Millstone Feed.*

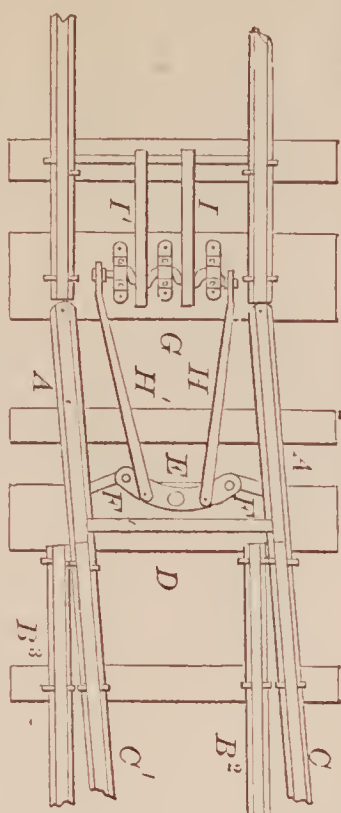
63790—D. Fitzgerald—*Bed Bottom.*



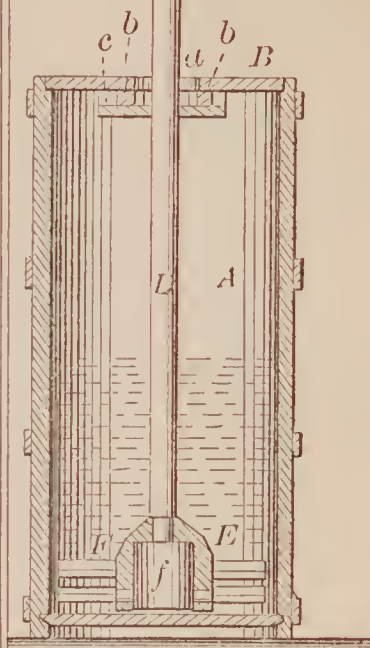
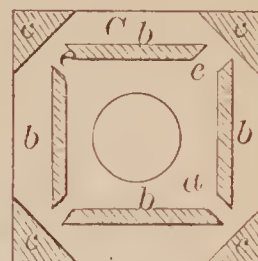
63792—Gregory & Morse—*Joint for Carriage Top Braces.*



63794—J. A. Heyl—*Railway Switch.*



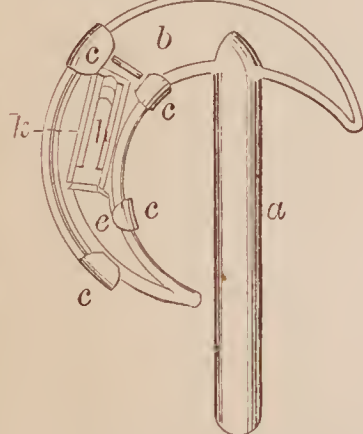
63791—J. C. Gaston—*Churn.*



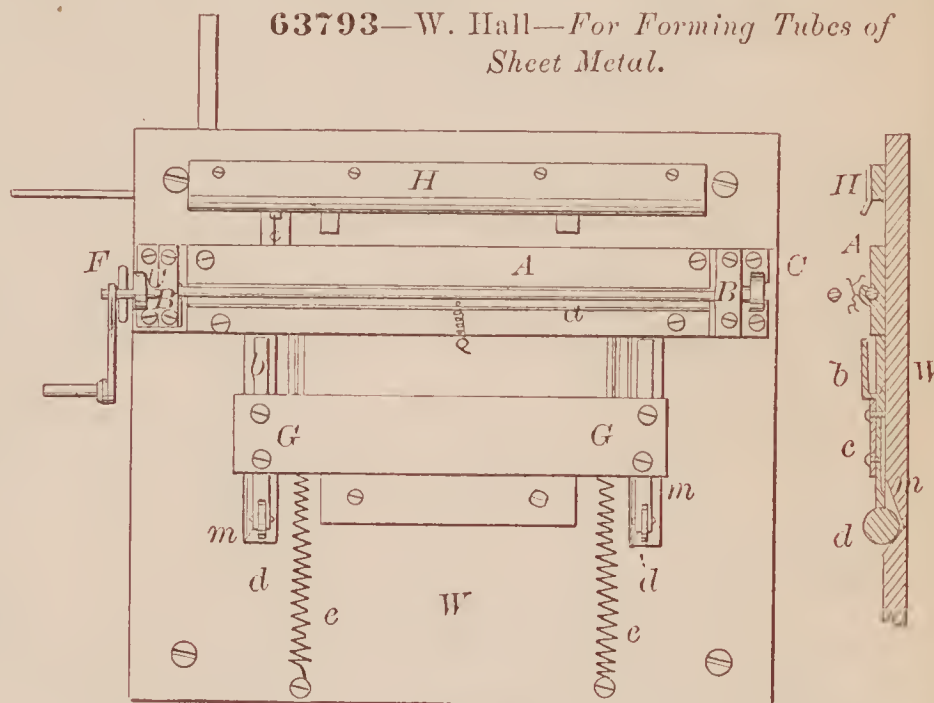
63795—W. Hubbard—*Table Cutlery.*



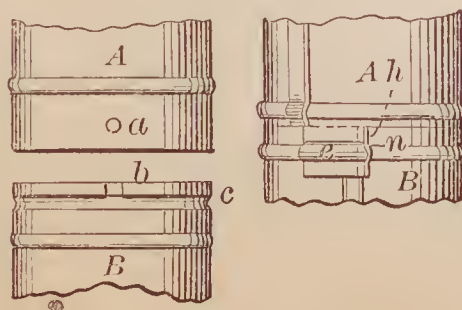
63796—O. D. Hunter—*Ox Bow Pin.*



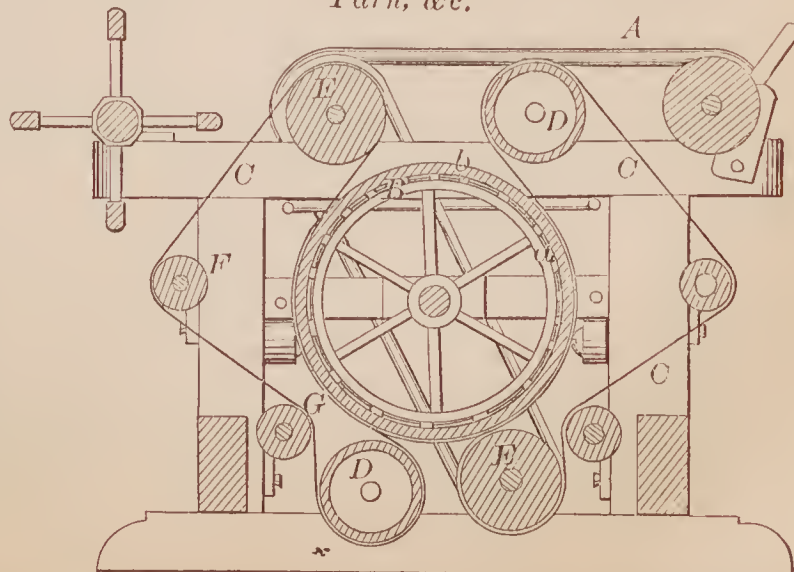
63793—W. Hall—*For Forming Tubes of Sheet Metal.*



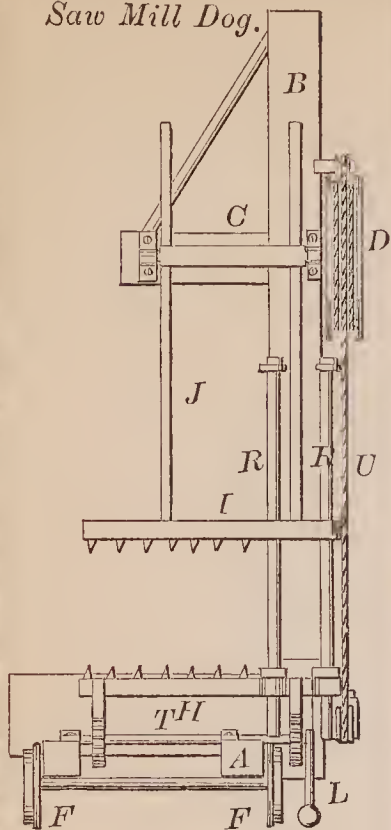
63797—A. B. Hurd—*Uniting Stove Pipes, &c.*



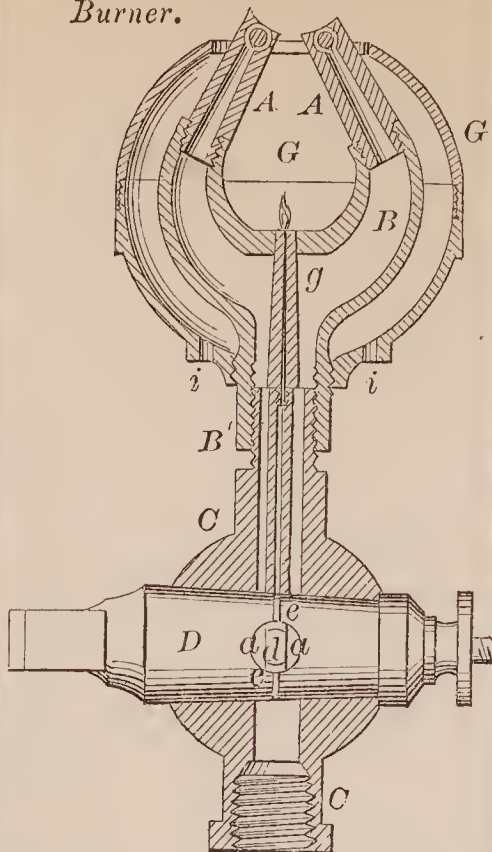
63798—M. A. Johnson—*For Felting or Fulling Yarn, &c.*



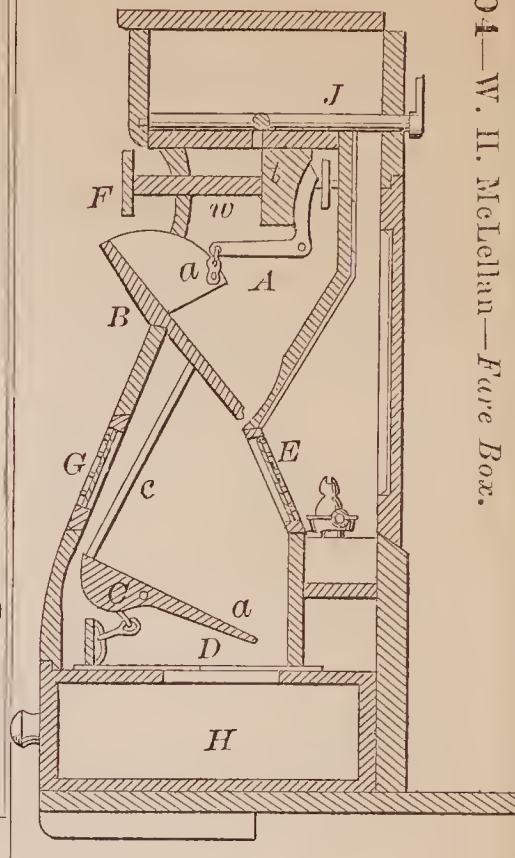
63799—C. G. Jones—
Saw Mill Dog.



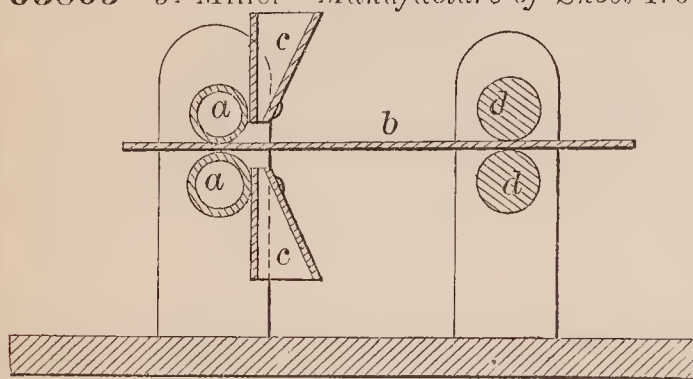
63802—Locke & Ulrich—*Gas Burner.*



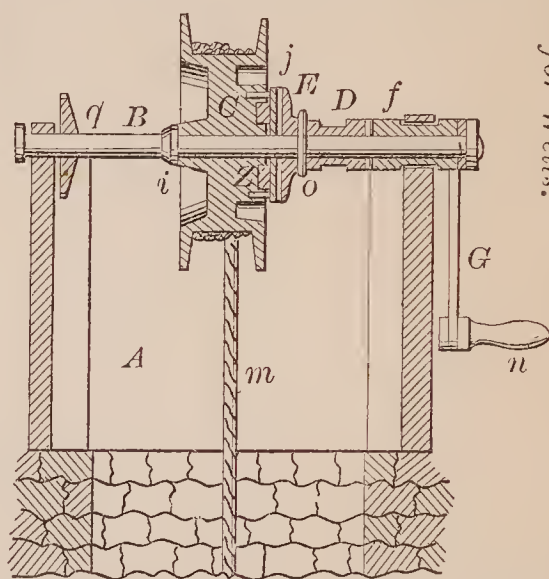
63804—W. H. McLehlan—*Fire Box.*



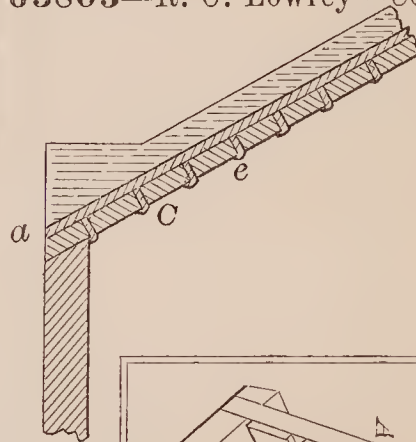
62805—J. Miller—*Manufacture of Sheet Iron.*



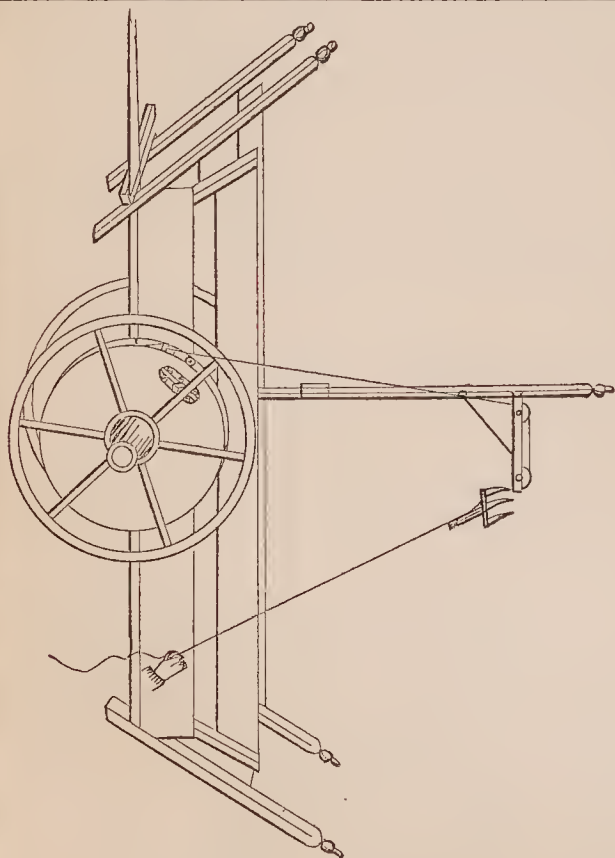
63800—F. H. Jones—*Windlass for Wells.*



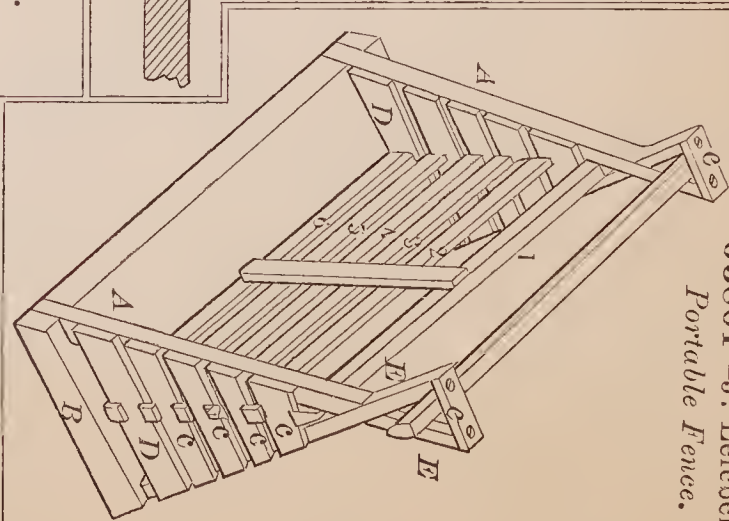
63803—R. O. Lowrey—*Cement Roofing.*



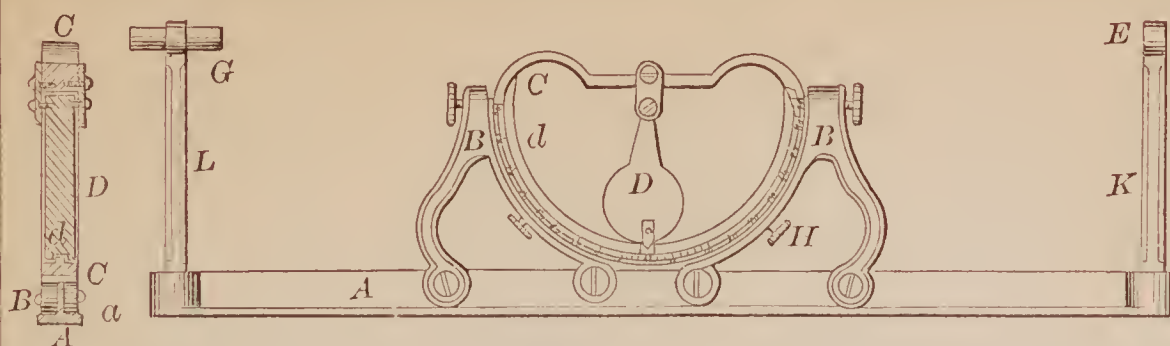
63806—J. Morgan—*Hay Loader.*



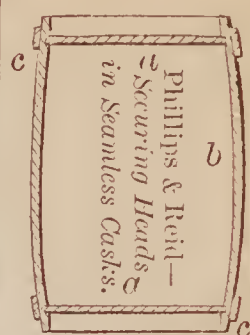
63801—J. Lefebvre—
Portable Fence.



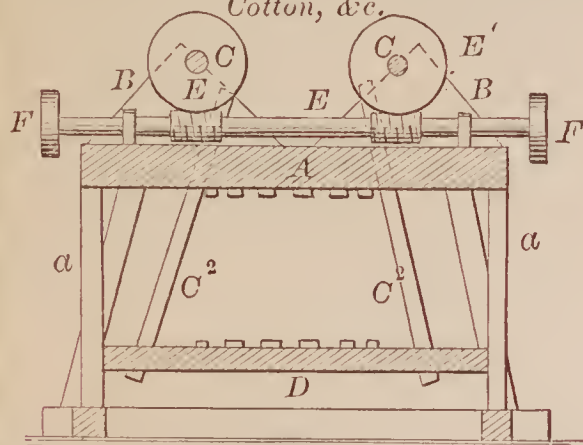
63807—C. Morrill—*Pendulum Level and Sight.*



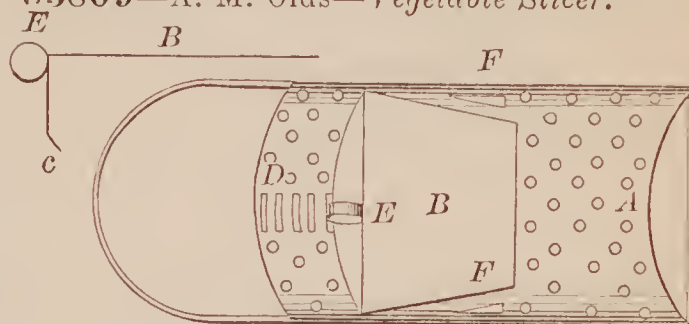
63810—



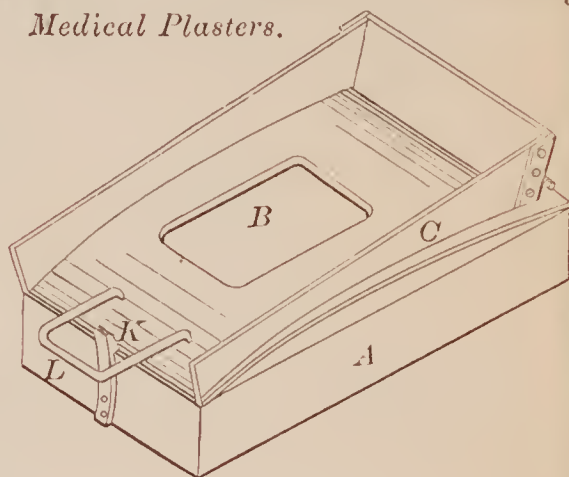
63808—E. L. Morse—*Compress for Cotton, &c.*



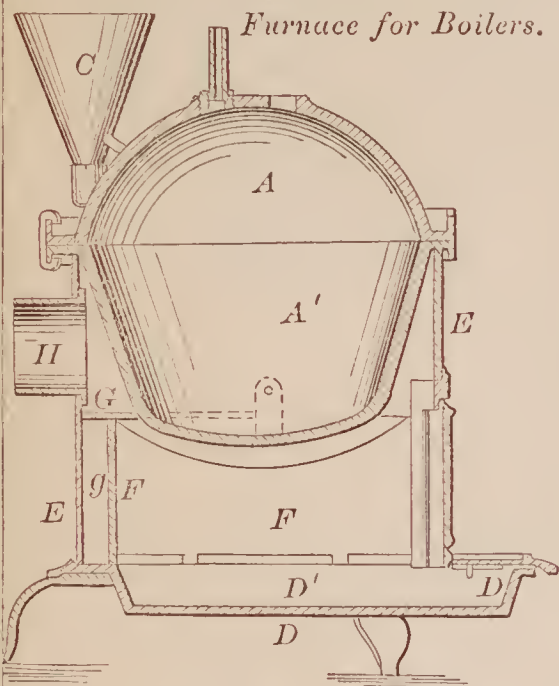
63809—A. M. Olds—*Vegetable Slicer.*



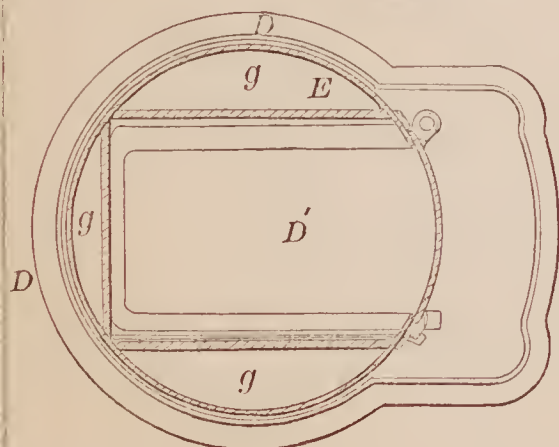
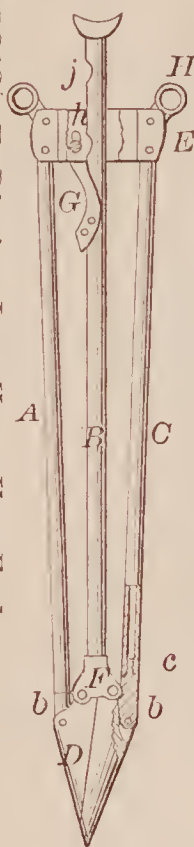
63814—A. D. Richards—*For Making Medical Plasters.*



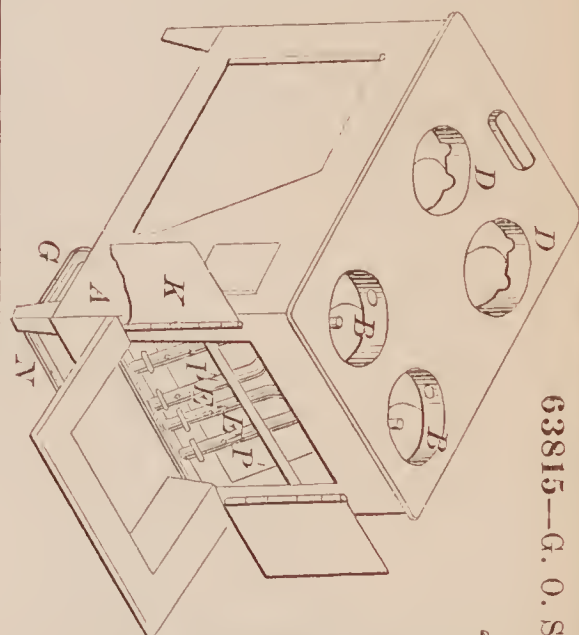
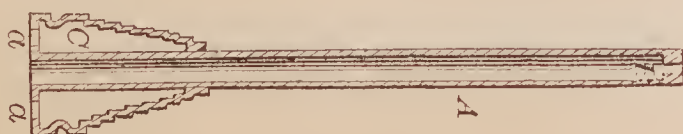
63811—D. R. Prindle—*Portable Furnace for Boilers.*



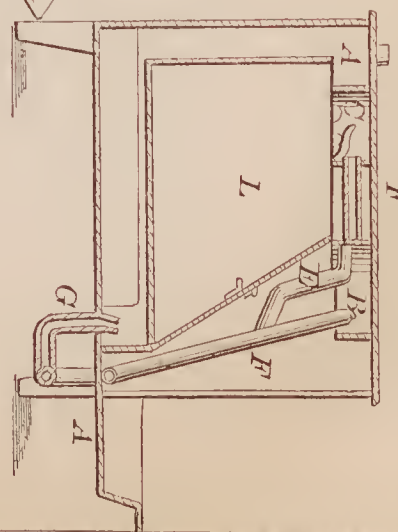
63812—E. Rhodes, Jr.—*Horse Hay Fork.*

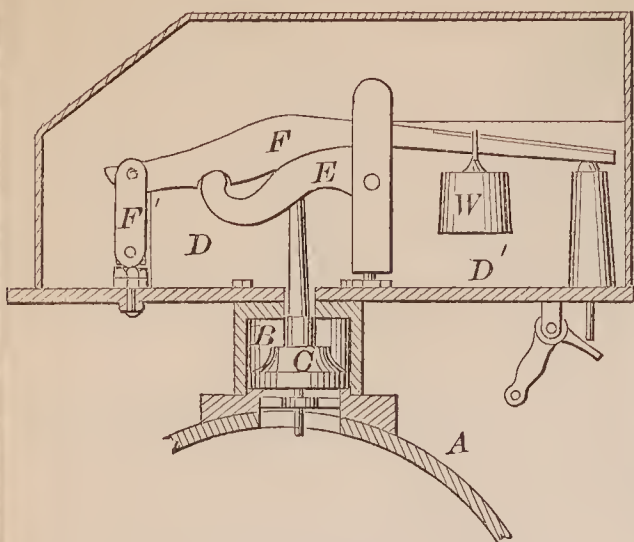
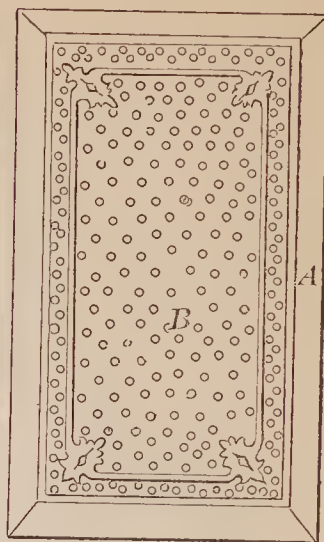
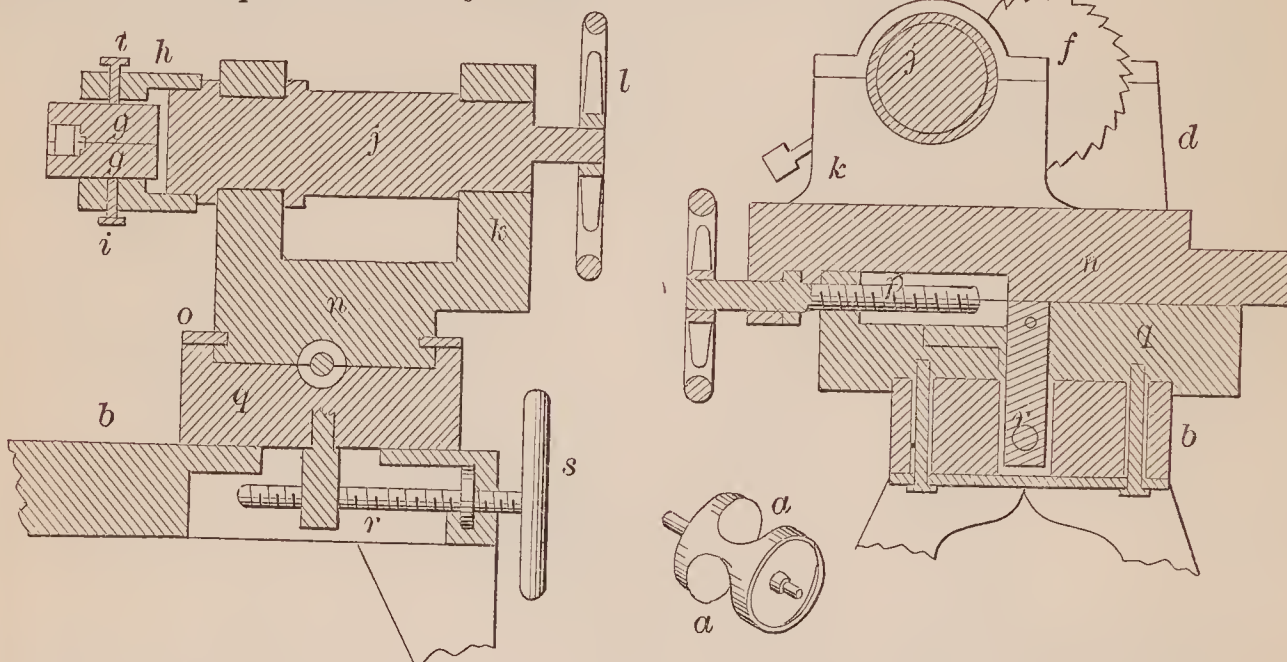
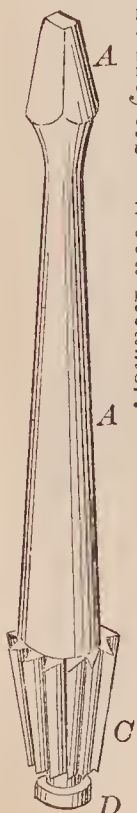
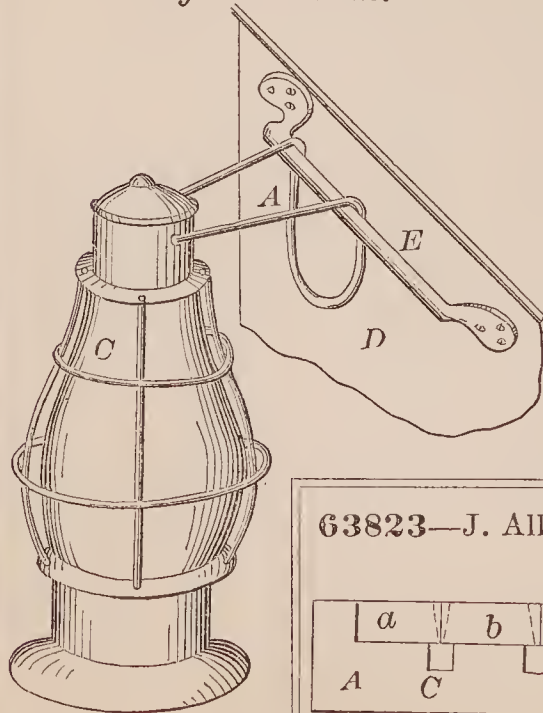
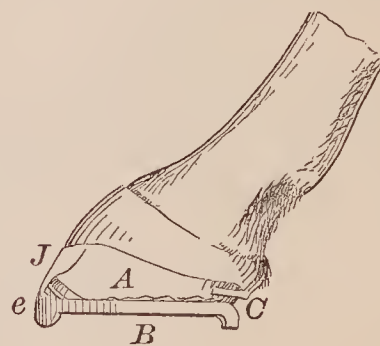
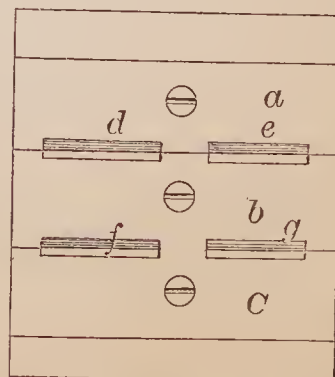
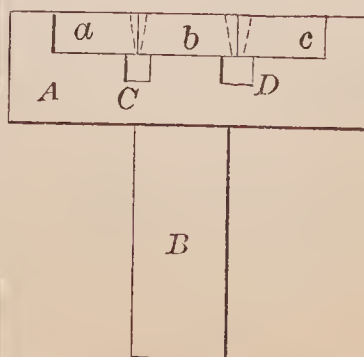


63813—W. B. Rice—*Metallic Bobbin.*

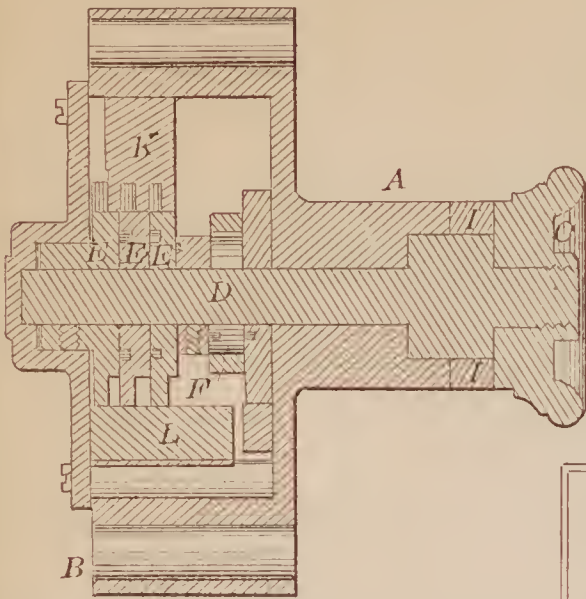


63815—G. O. Sanderson—*Gas Cooking Stove.*

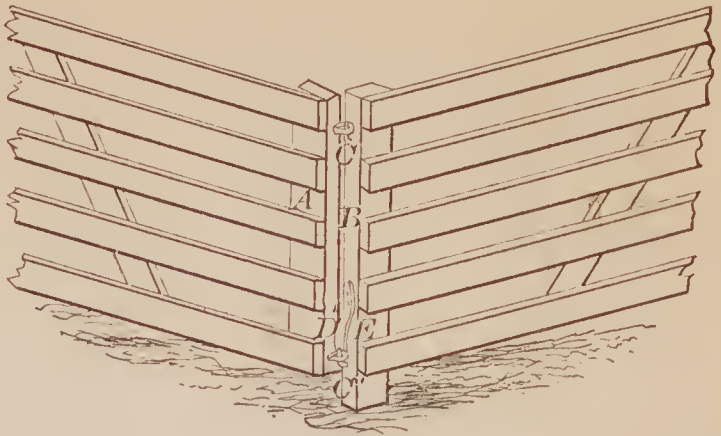


63816—J. Schaffer—*Steam Safety Valve.*63817—F. B. Scott—*Ladies' Fan.*63818—F. B. Scott—*Window Screen.*63819—L. W. Spencer—*Making Cornets.*63822—P. Meyers—*Wood Reamer.*63820—A. N. Towne—*Handle for Signal Lanterns.*63821—A. D. Westbrook—*Protecting Pad for Interfering Horses.*63823—J. Allen—*Die for Swaging Horse Shoe Calks.*

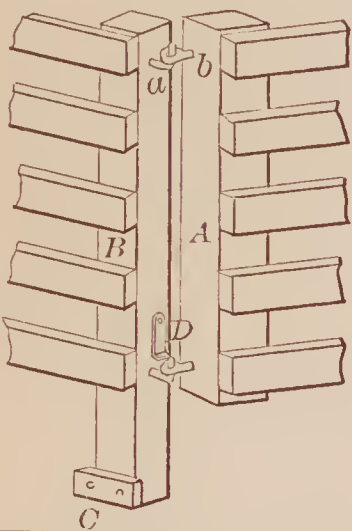
63824—G. B. Atwood—*Permutation Lock.*



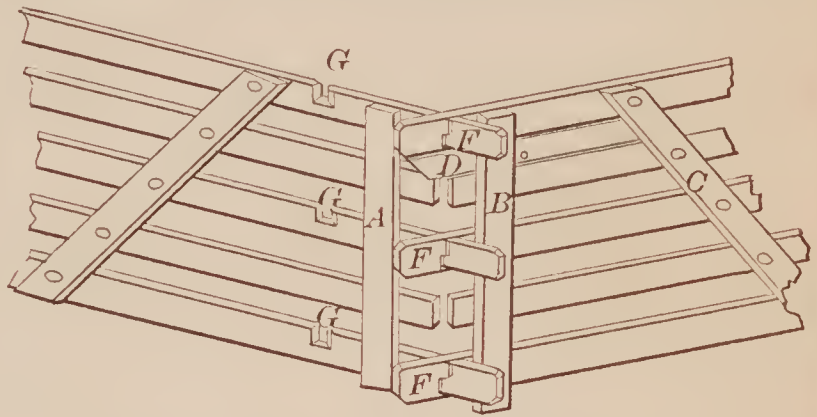
63825—J. Augspurger—*Portable Fence.*



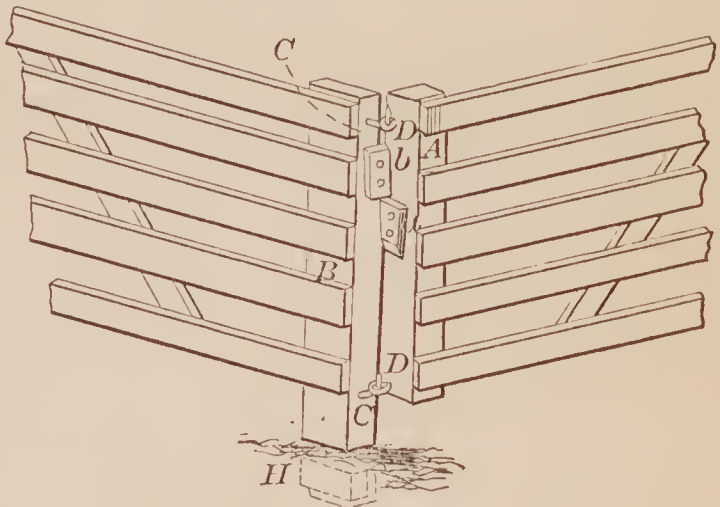
63829—J. Augspurger—*Portable Fence.*



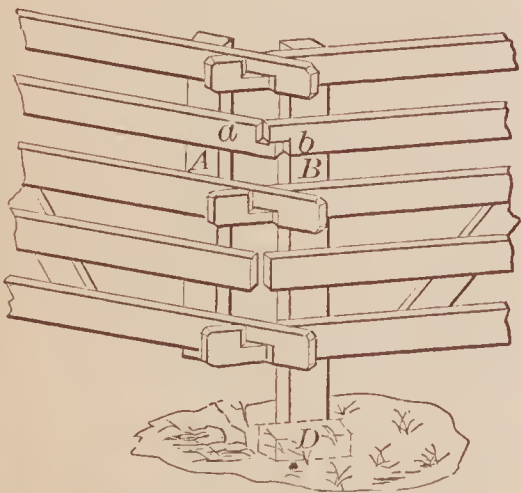
63826—J. Augspurger—*Portable Fence.*



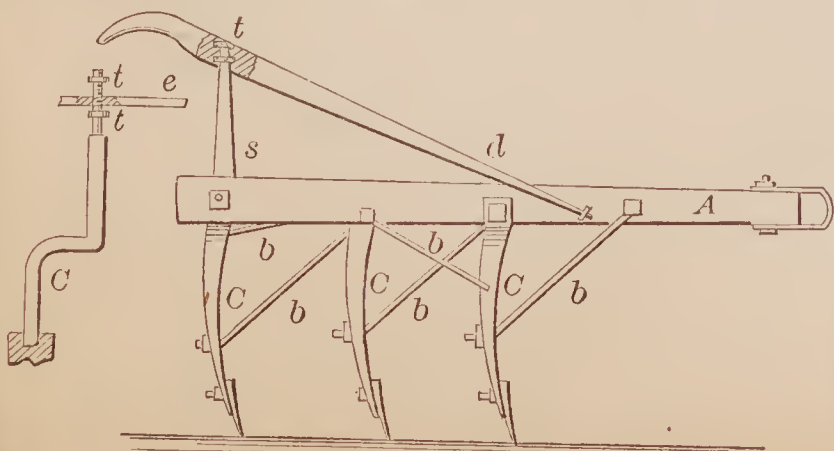
63828—J. Augspurger—*Portable Fence.*



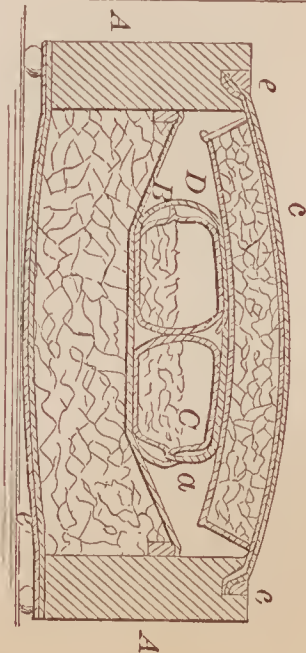
63827—J. Augspurger—*Portable Fence.*



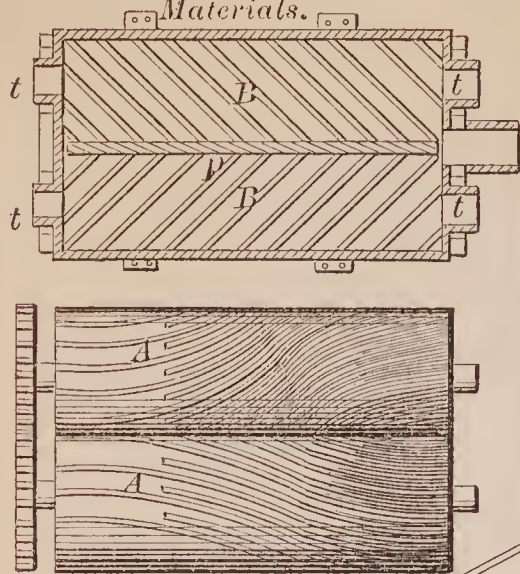
63830—W. M. Ball—*Cultivator.*



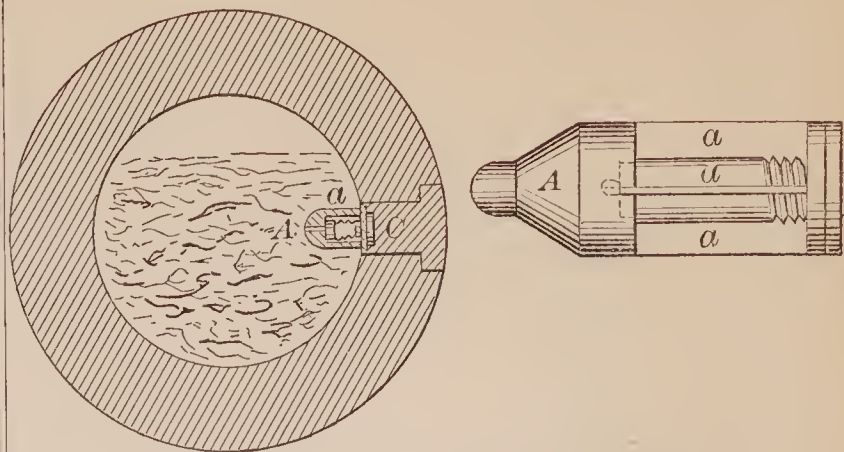
63831—L. Baueffer—*Mattress and Life Preserving Float.*



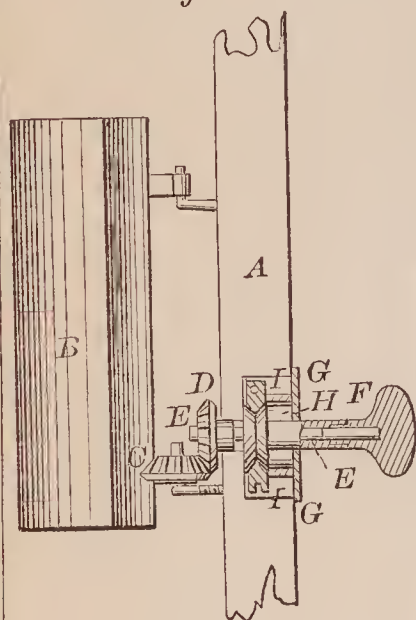
63832—Beach & Abbey—*For Disintegrating and Pulping Fibrous Materials.*



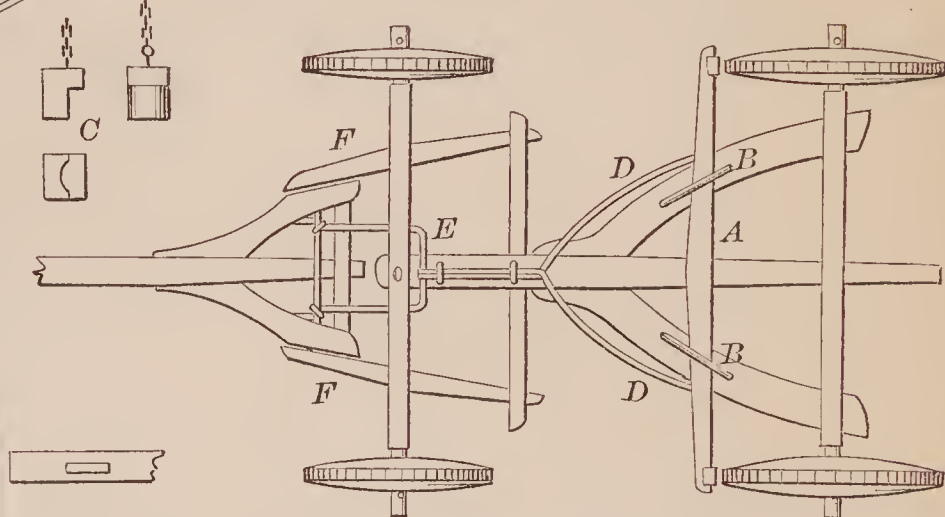
63834—W. S. Beebe—*Concussion Fuse for Explosive Shells.*



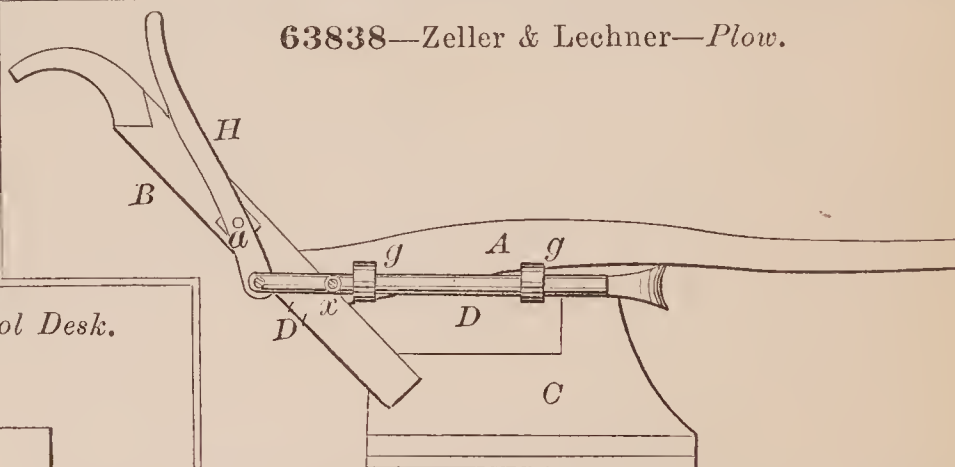
63835—Beecher, Davis, Frost & Davis—*Blind Fastening.*



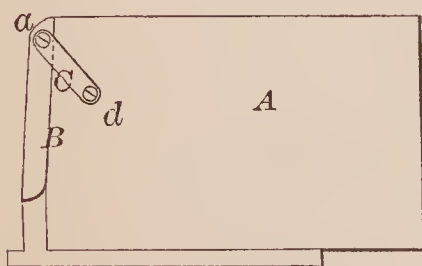
63833—W. W. Bean—*Wagon Brake.*



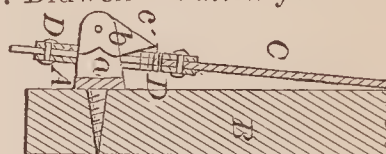
63838—Zeller & Lechner—*Plow.*



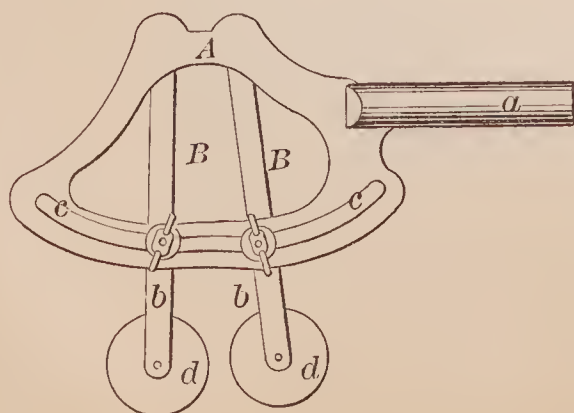
63839—J. E. Blair—*School Desk.*



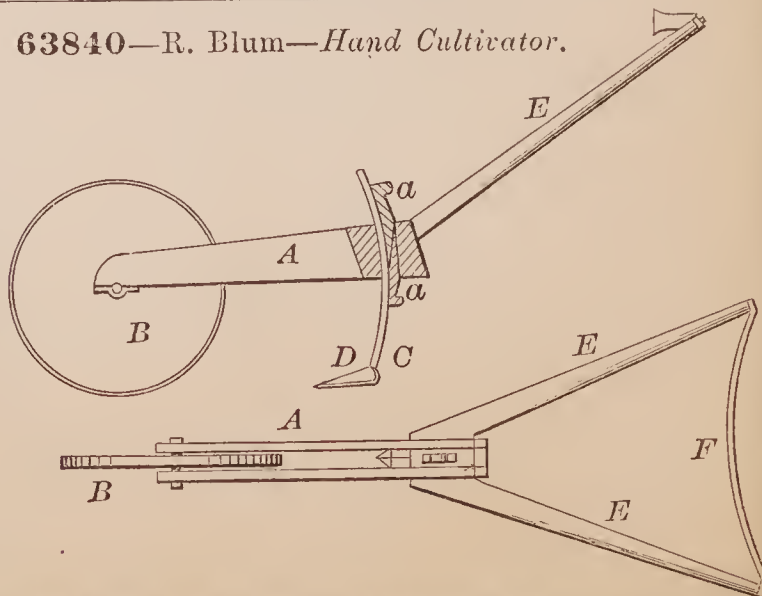
63837—S. Bidwell—*Button for Carriage Curtains.*



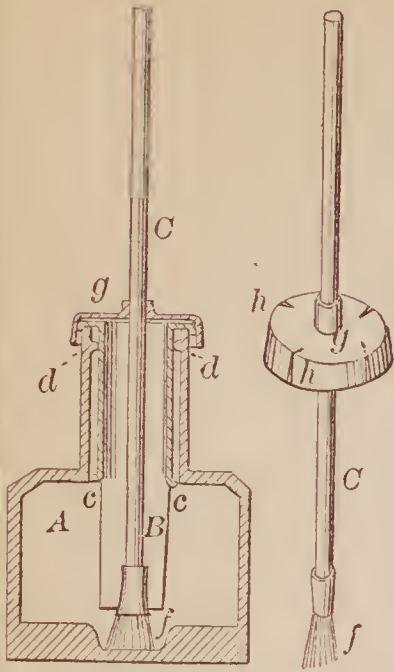
63836—H. C. Berry—*Wood Turning Lathe.*



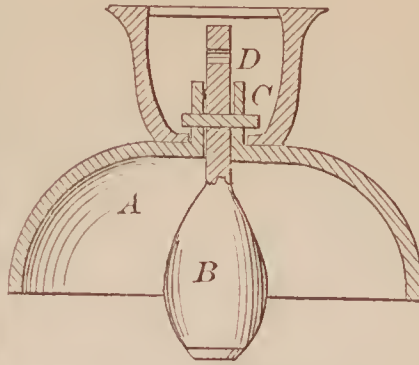
63840—R. Blum—*Hand Cultivator.*



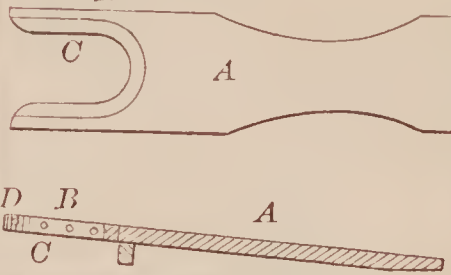
63841—D. Bly—*Mucilage Bottle.*



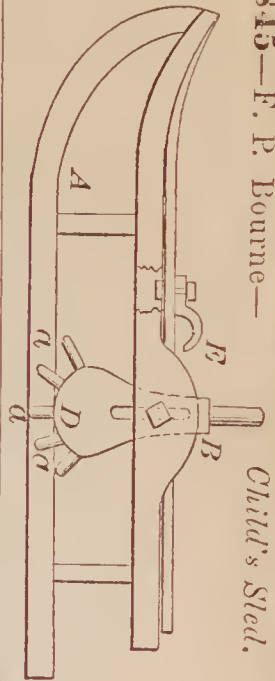
63843—A. Borrowman—*Car Bell.*



63844—H. D. Boss—*Bootjack.*

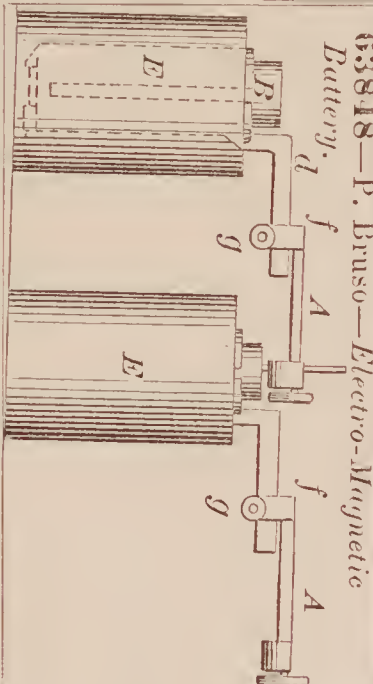
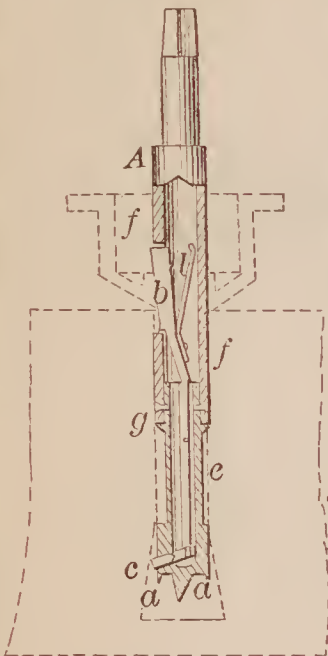


63845—F. P. Bourne—



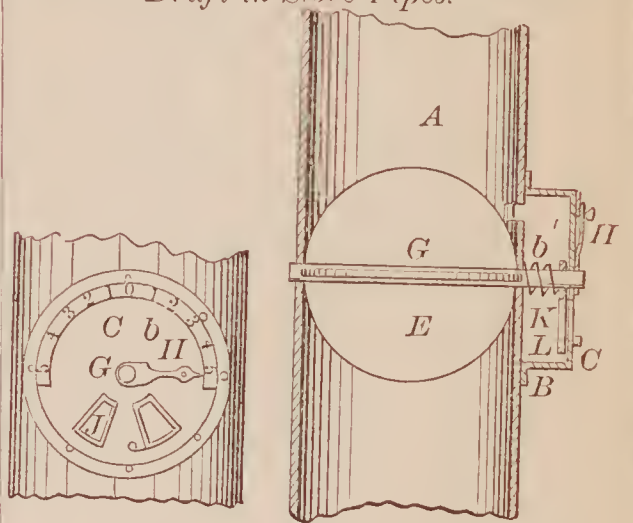
Child's Steel.

63842—C. Boernicke—*Wood Boring Bit.*

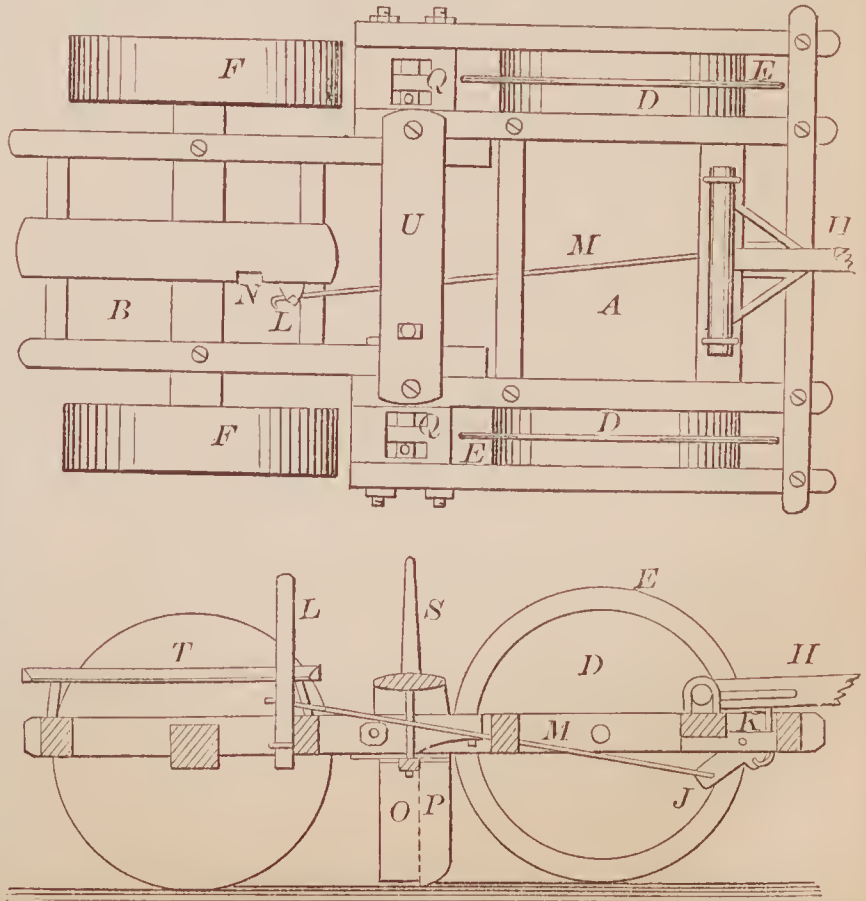


63848—P. Brusio—*Electro-Magnetic Battery.*

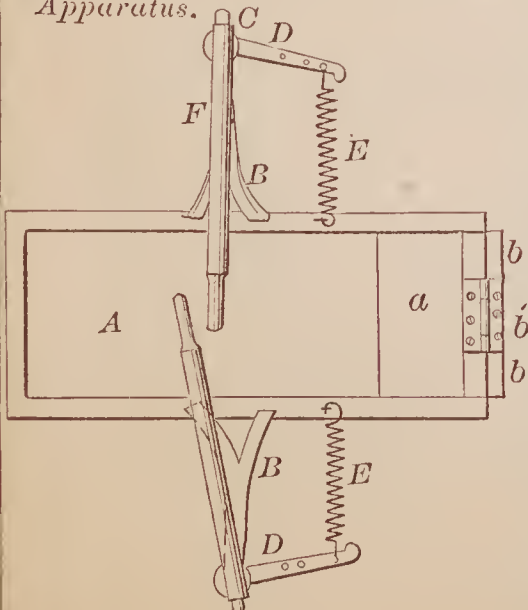
63850—I. S. Bullard—*For Controlling Draft in Store Pipes.*

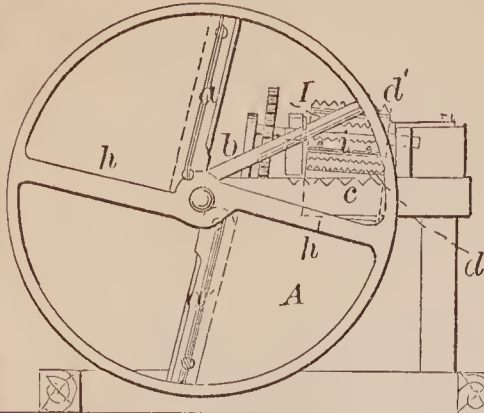
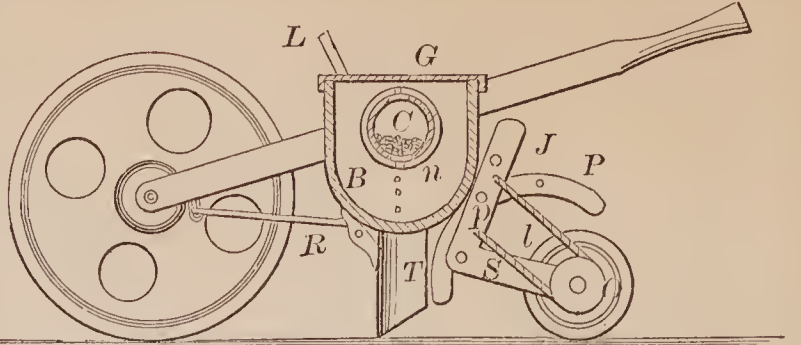
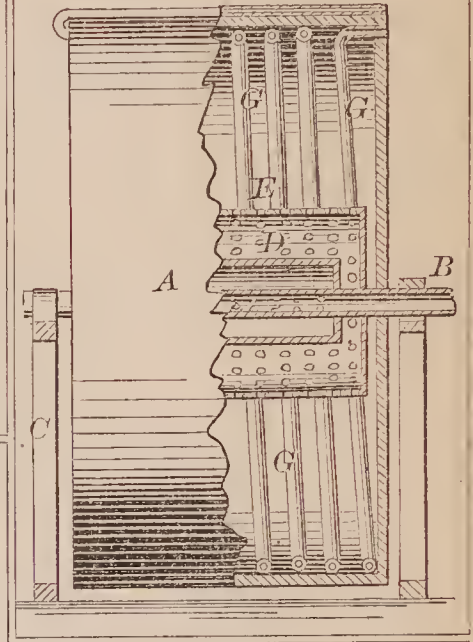
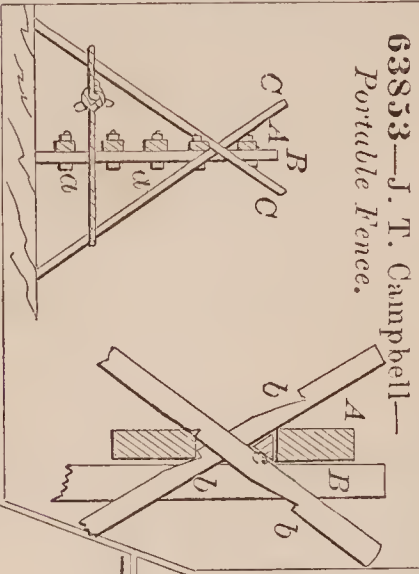
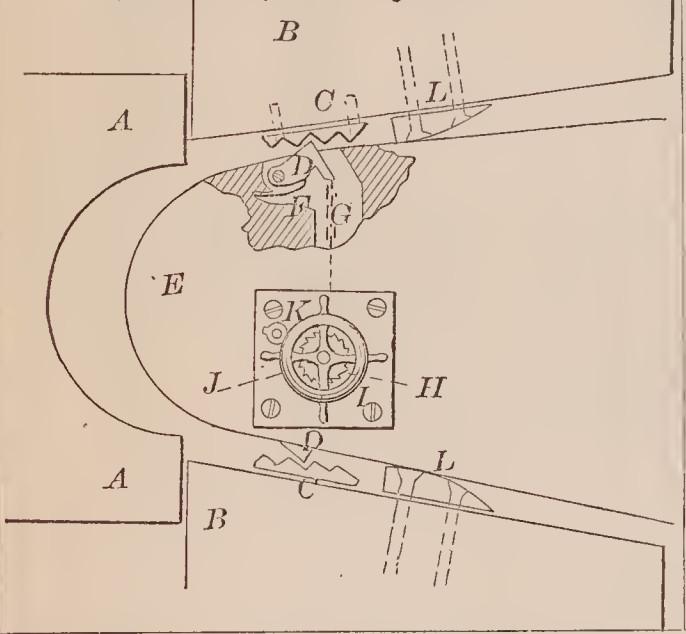
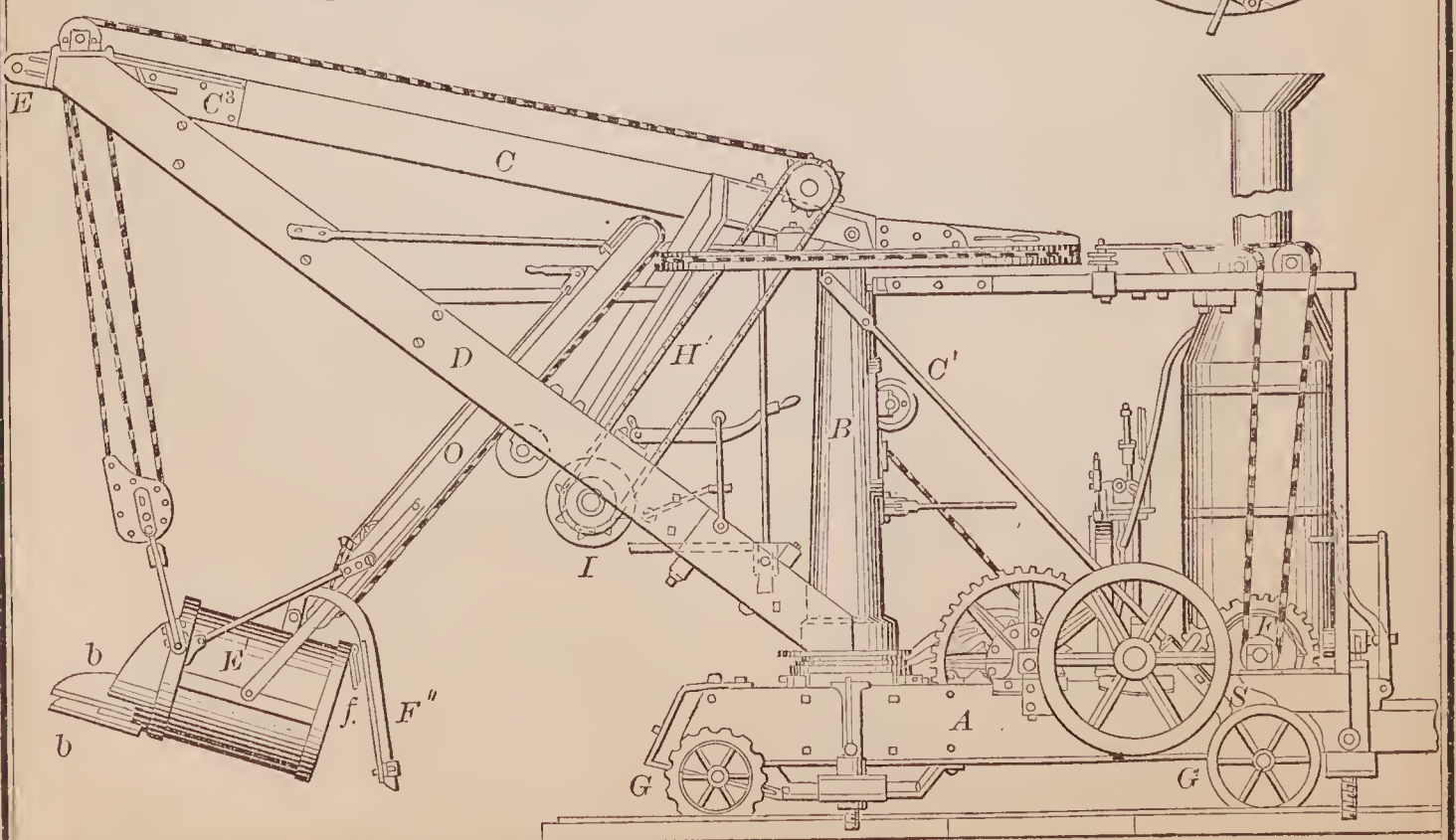


63851—J. Burns—*Corn Planter.*

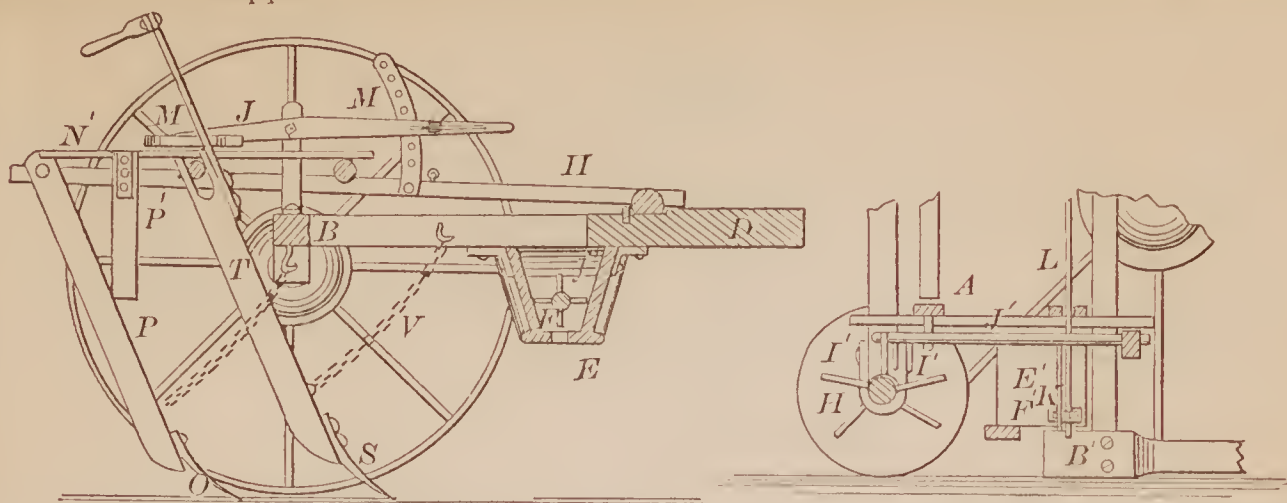


63846—B. F. Brady—*Exercising Apparatus.*

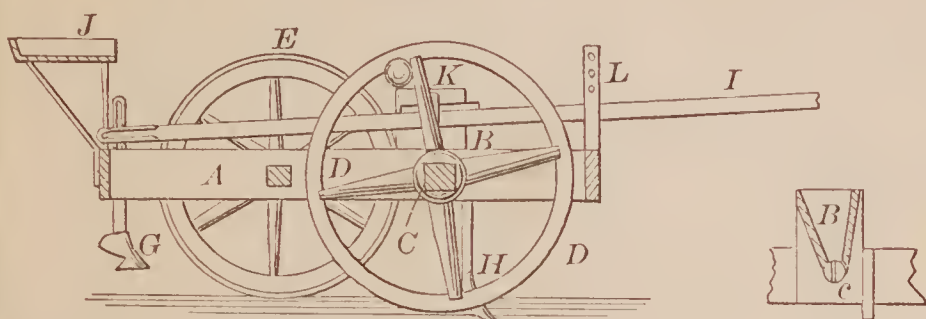


63852—W. W. Burson—*Straw Cutter.*63854—Cone & Douglass—*Hand Seeding Machine.*63856—F. Carl—*For Stuffing and Currying Leather.*63853—J. T. Campbell—*Portable Fence.*63855—J. L. Canham—*Locking Apparatus for Ferry Boats.*63857—O. S. Chapman—*Excavator.*

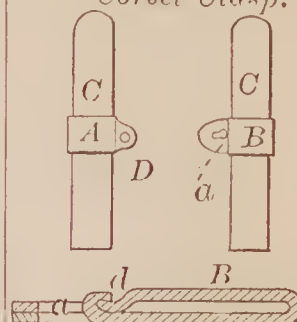
63858—I. H. Chappell—*Planter and Cultivator.*



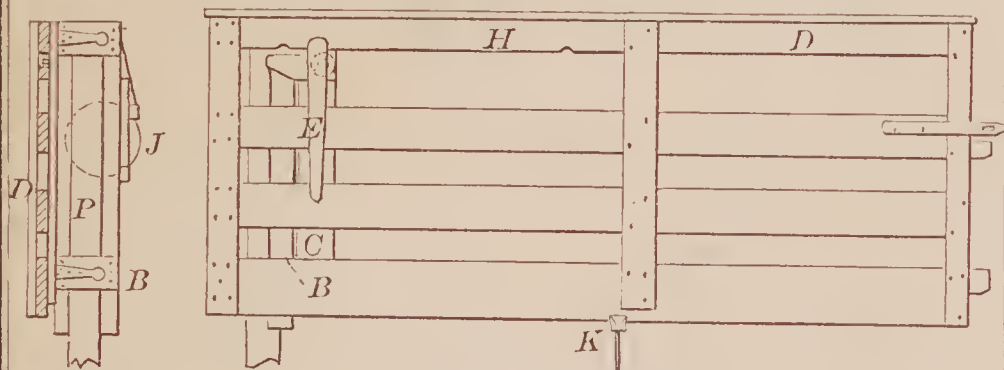
63859—E. E. Chesney—*Seed Planter.*



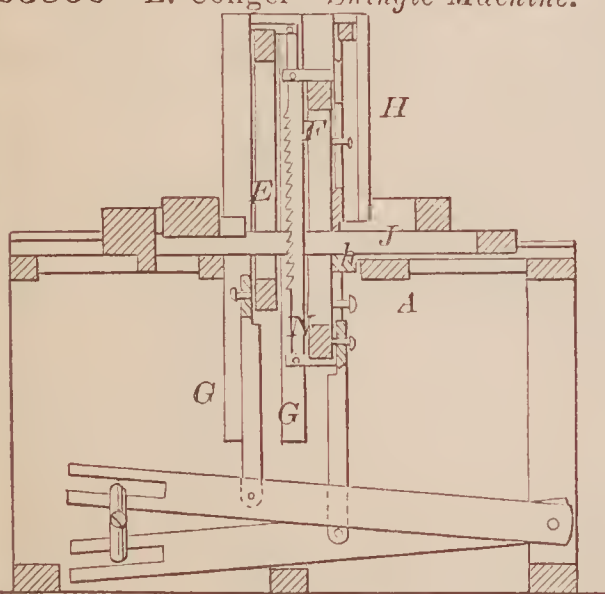
63863—C. O. Crosby—*Corset Clasp.*



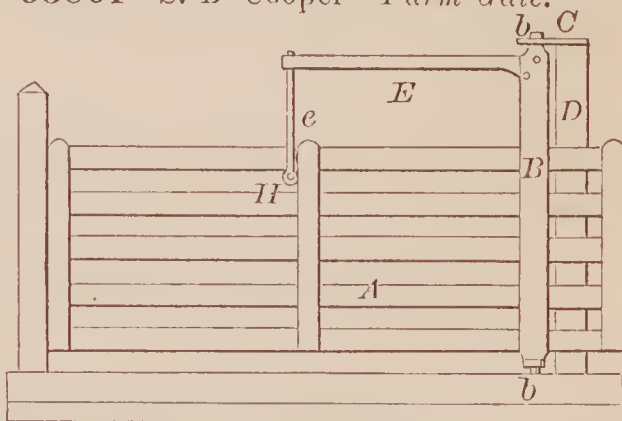
63862—W. M. Crawford—*Farm Gate.*



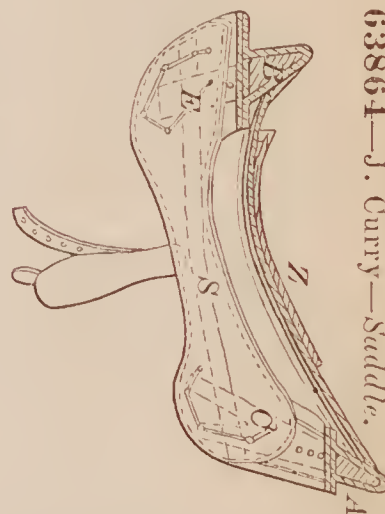
63860—E. Conger—*Shingle Machine.*



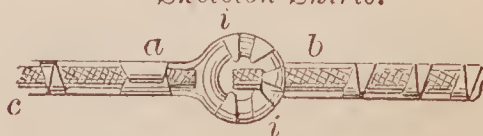
63861—S. B. Cooper—*Farm Gate.*



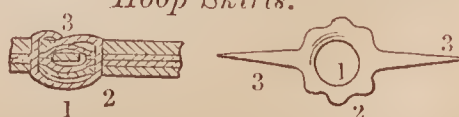
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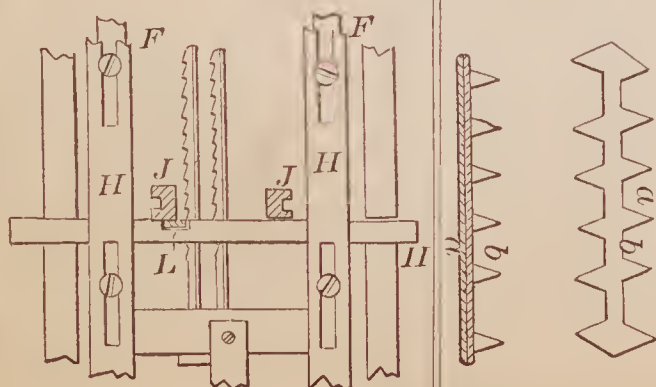
63866—T. D. Day—*Clasp for Skeleton Skirts.*

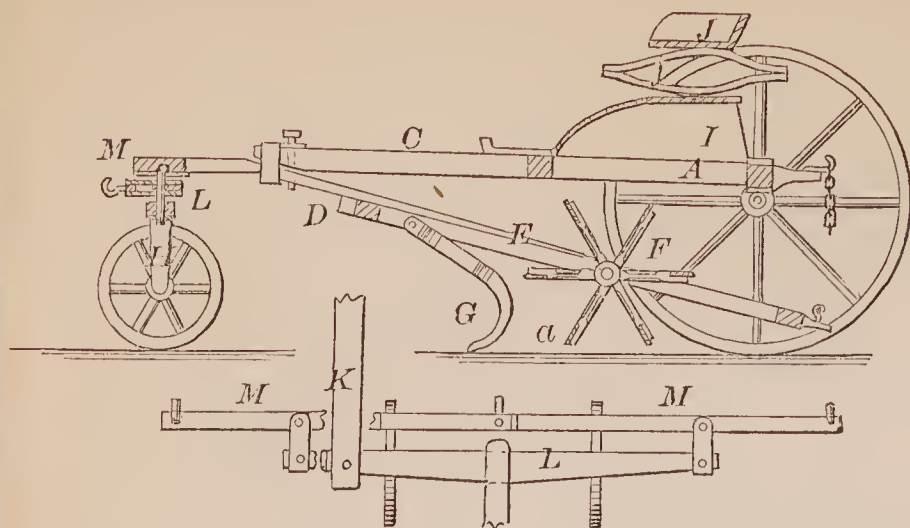
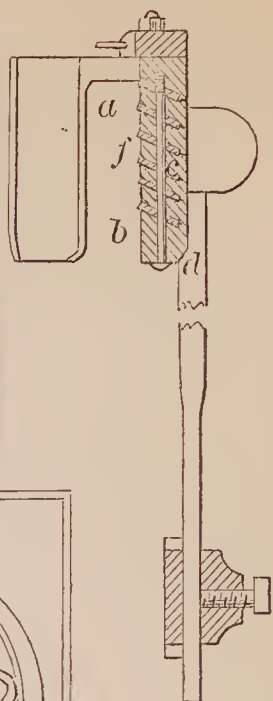
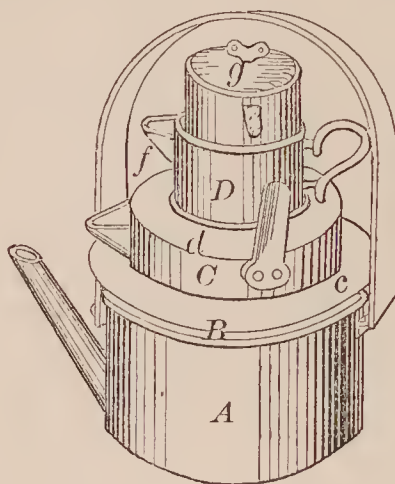
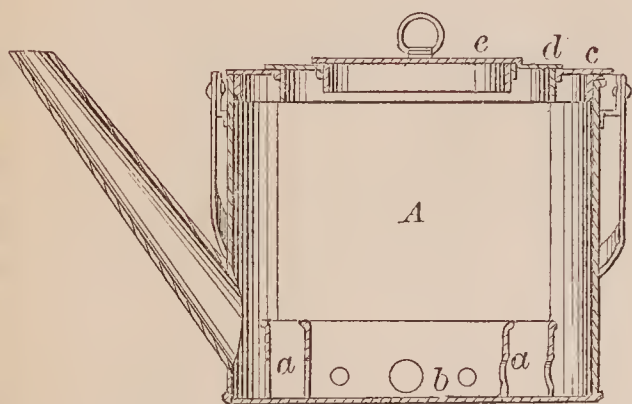
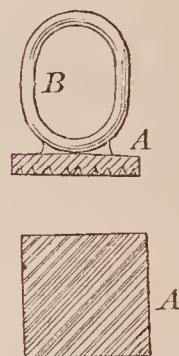
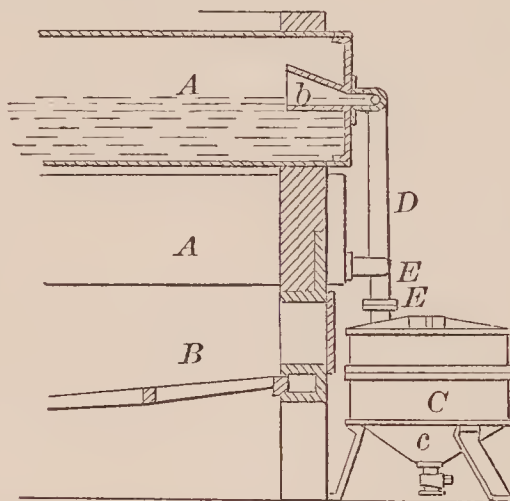
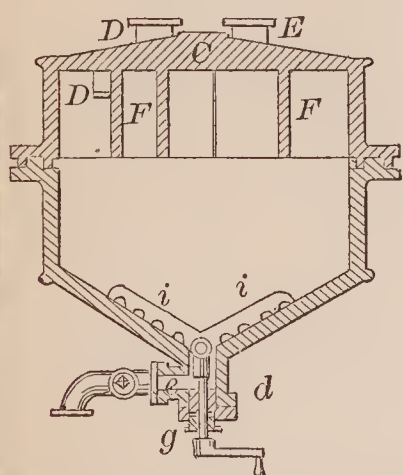
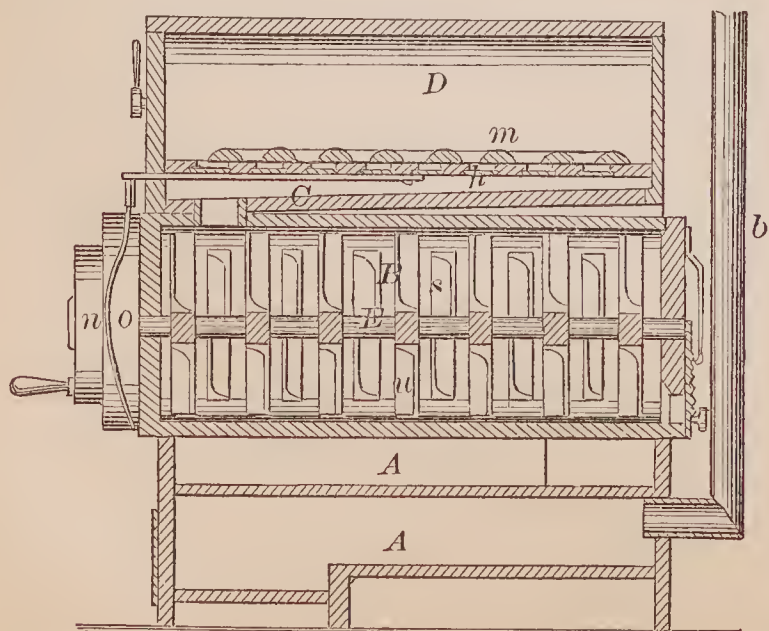
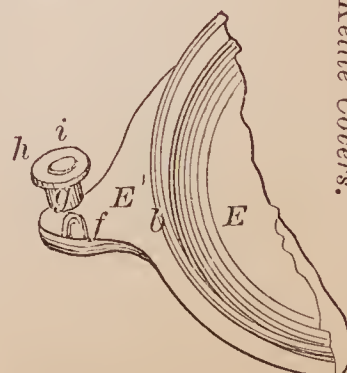
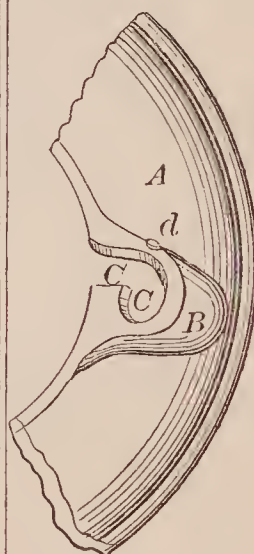


63867—A. Delkescamp—*Clasp for Hoop Skirts.*

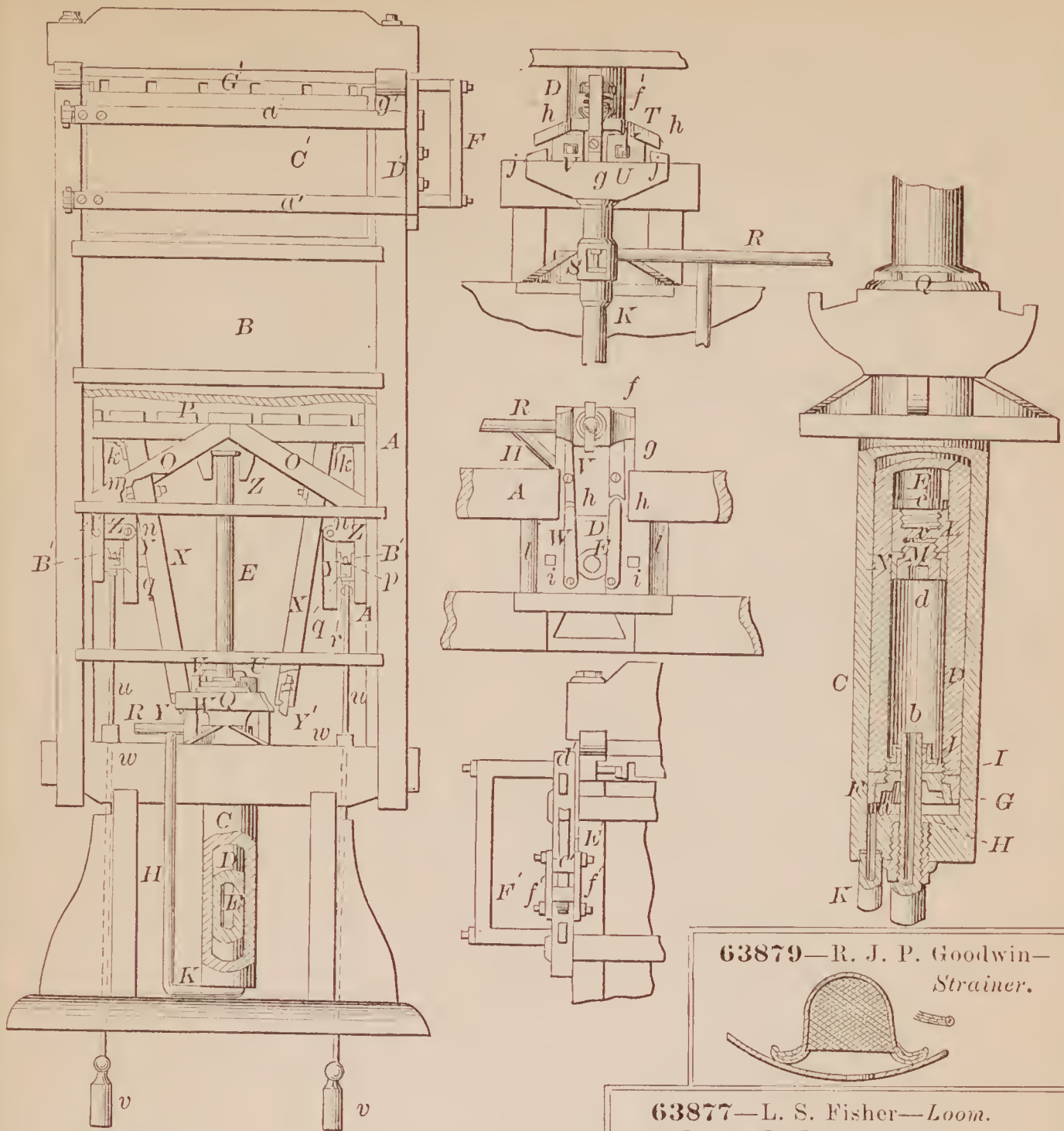


63865—T. D. Day—*Clasp for Skeleton Skirts.*

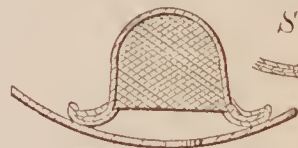


63868—W. M. Dexter—*Stalk Cutter*.63872—Dutcher & Draper—*Loom Temple*.63871—B. W. Dunning—*Cooking Kettle*.63870—J. B. Dunlop—*Glass Cleaner*.63869—C. J. Dumery—*Tanning Apparatus*.63873—A. Eagle—*For Mixing Roofing Composition*.63874—J. Easterly—*Hinge for Tea Kettle Covers*.

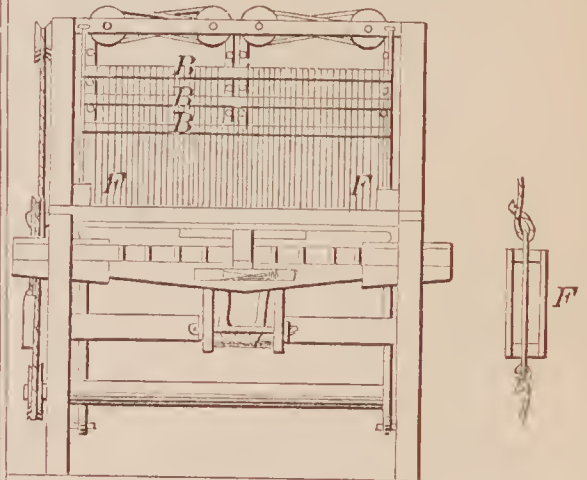
63875—A. H. Emery—*Hydraulic Press.*



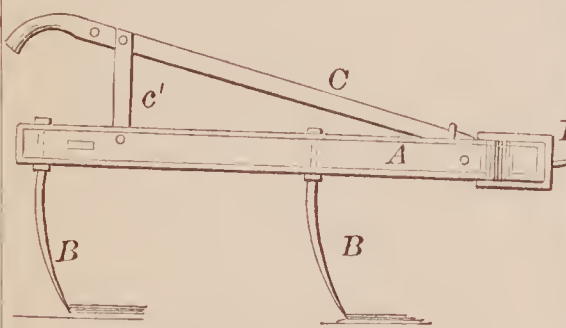
63879—R. J. P. Goodwin—*Strainer.*



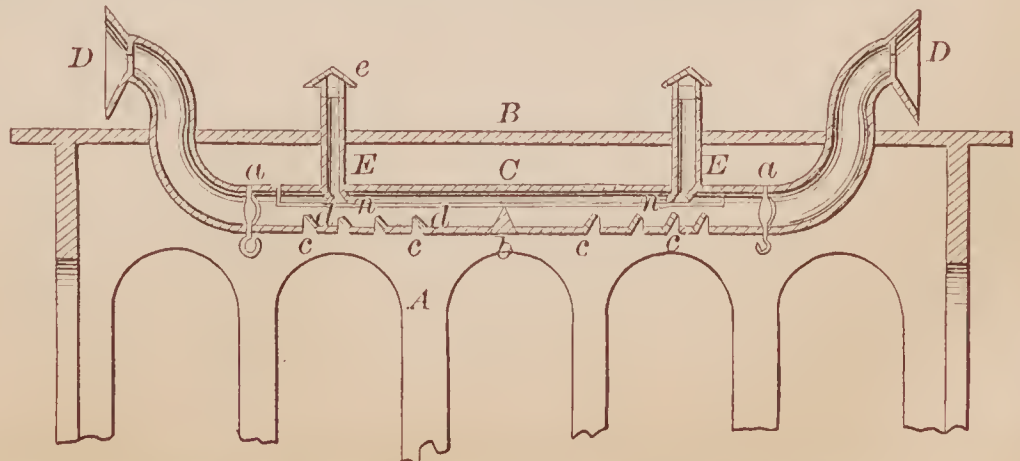
63877—L. S. Fisher—*Loom.*



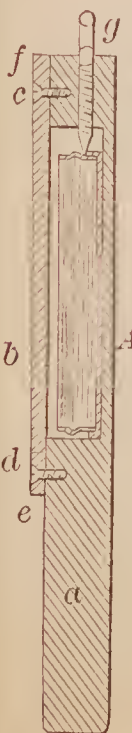
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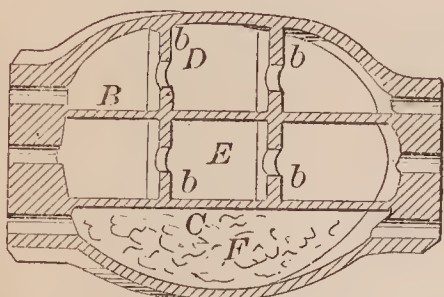
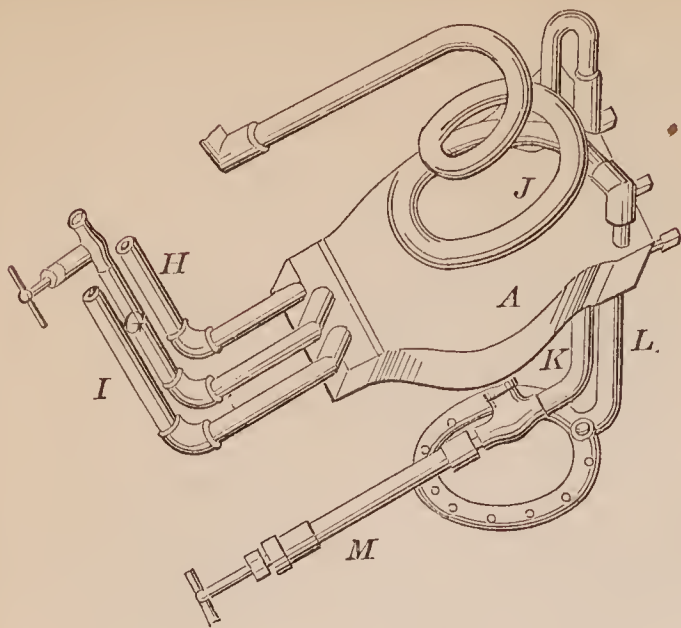
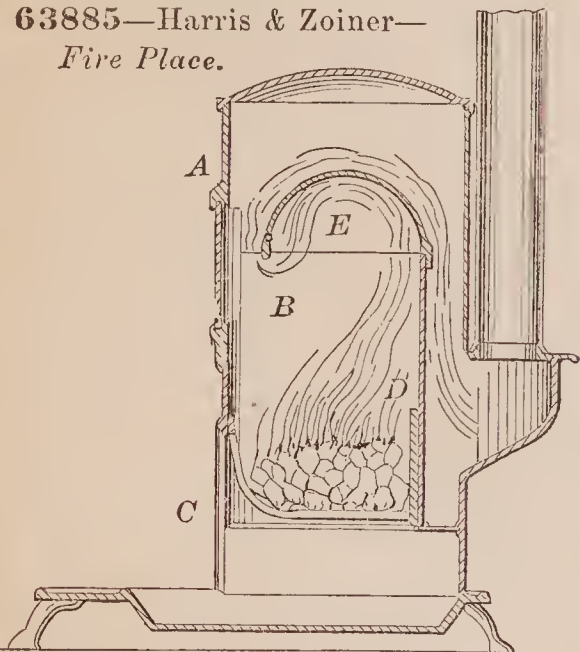
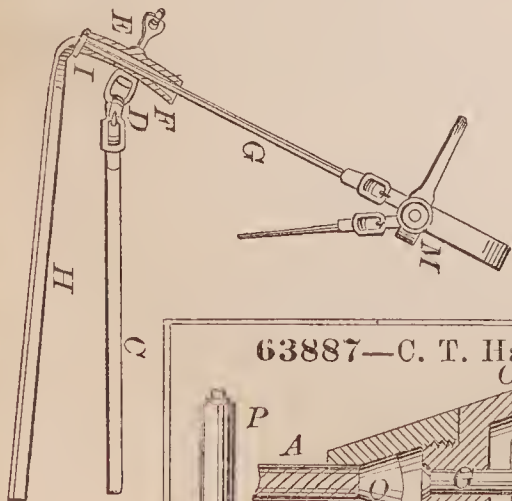
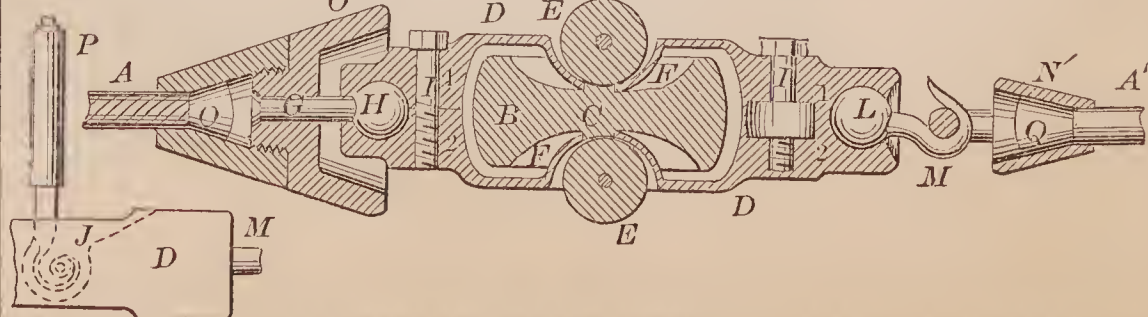
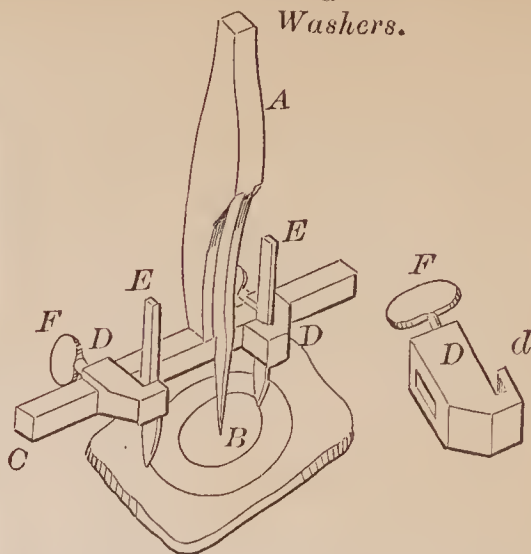
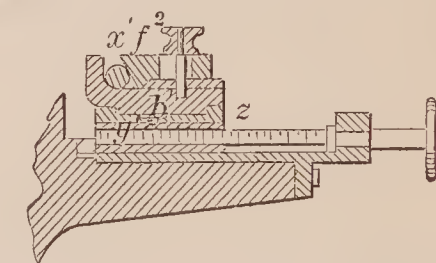
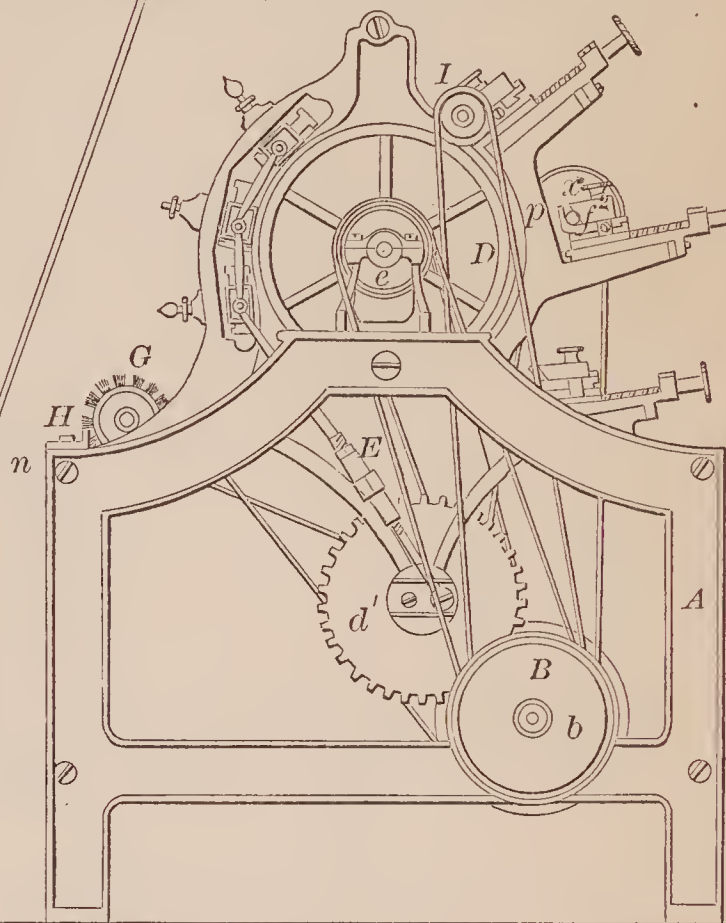
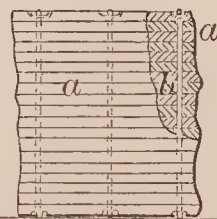


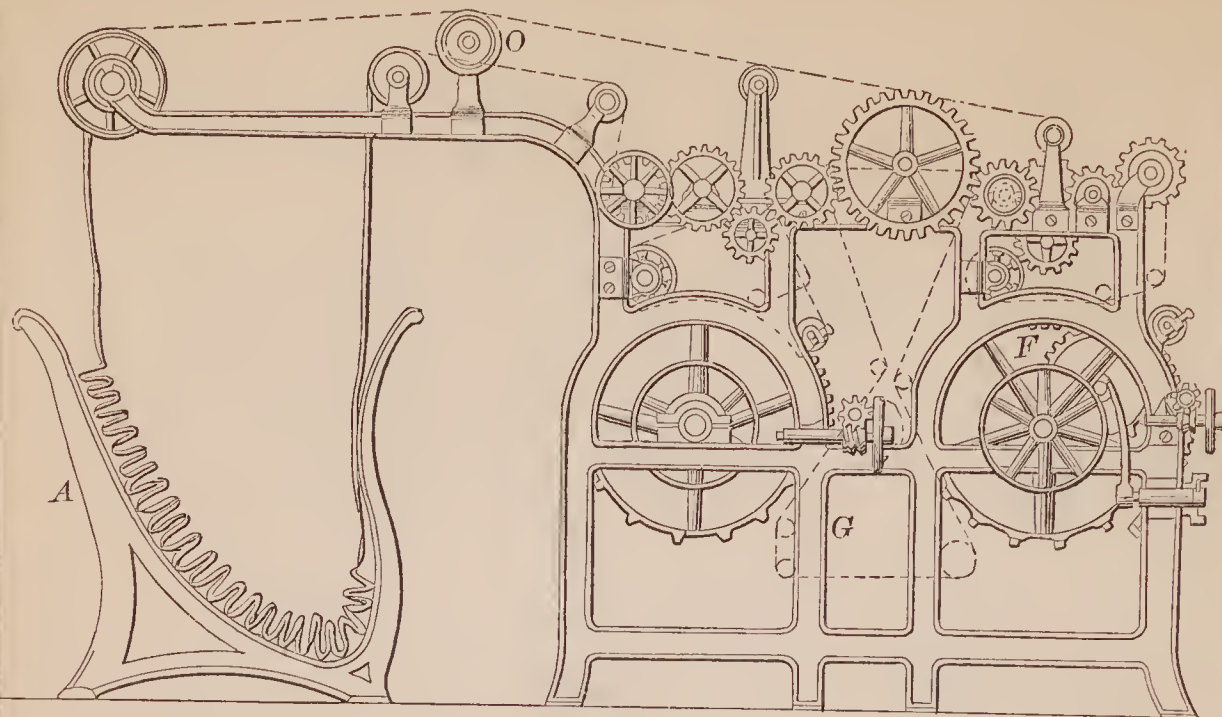
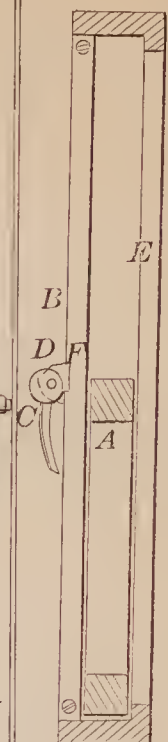
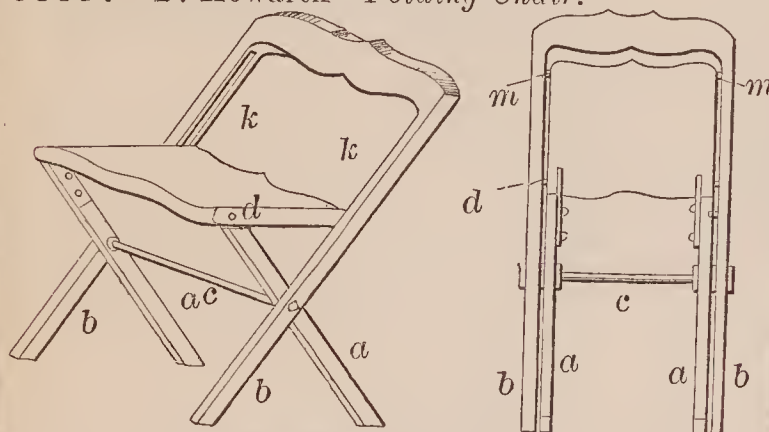
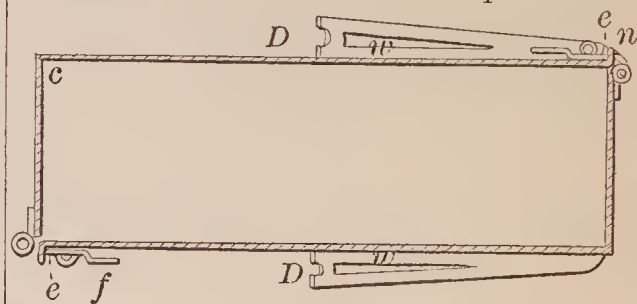
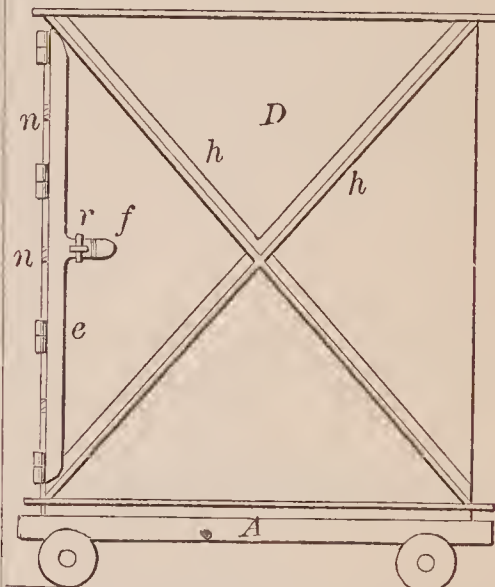
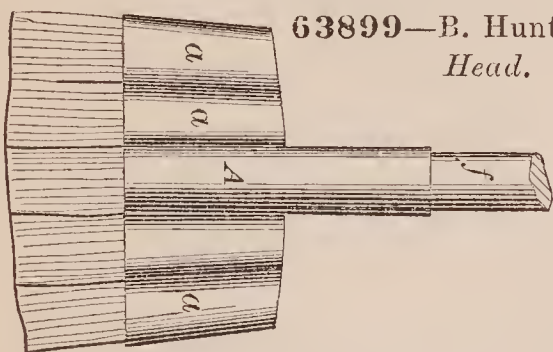
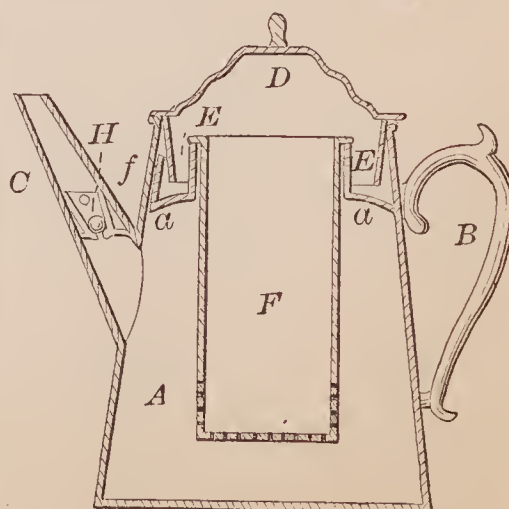
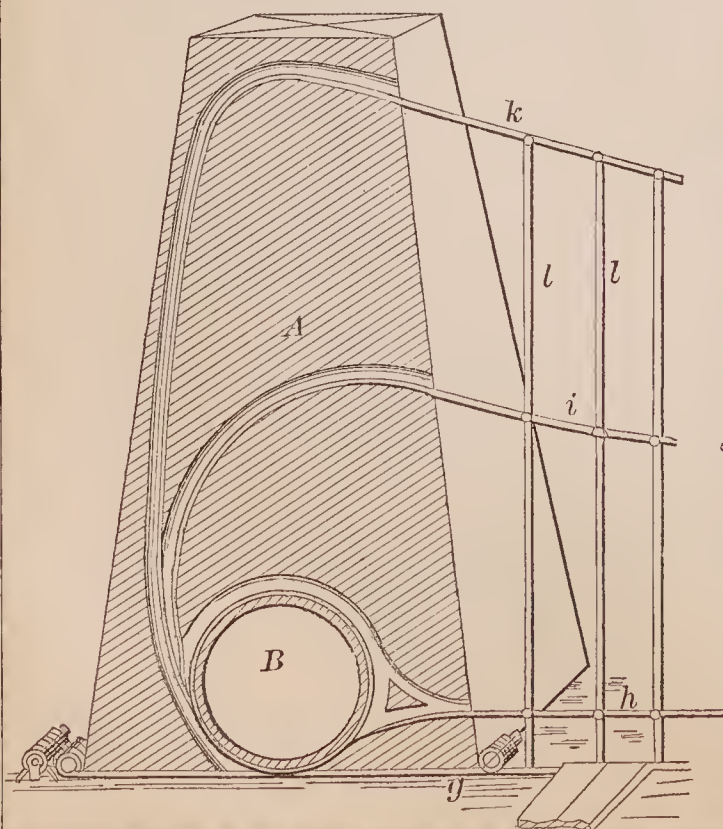
63880—R. C. Graves—*Ventilating Apparatus for Railroad Cars.*



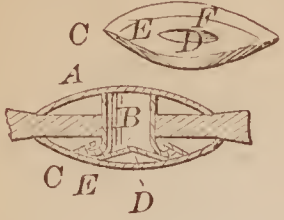
63876—W. A. Field—*Blacking Box Holder.*



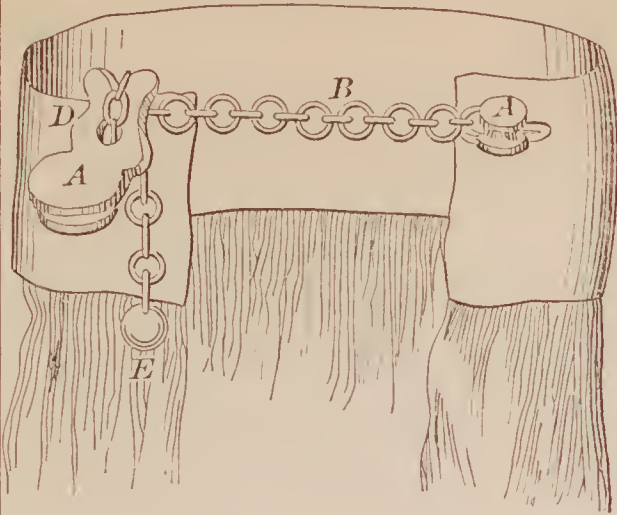
63881—A. J. Griffin—*Hydro-Carbon Burner.*63885—Harris & Zoiner—*Fire Place.*63886—J. Harris—*Bridle.*63887—C. T. Harvey—*Car Propelling Apparatus.*63882—A. P. Gruger—*For Cutting Washers.*63884—C. Hardy—*Cording Machine.*63883—M. J. Haines—*Driving Belt.*

63895—A. Houget—*For Raising a Nap upon Cloth.*63900—J. W. Hutchins—*Sash Supporter.*63897—D. Howarth—*Folding Chair.*63898—M. H. Howell—*Soap Frame.*63899—B. Hunt—*Broom Head.*63903—G. Jones—*Coffee Pot.*63901—W. James—*Bridge.*

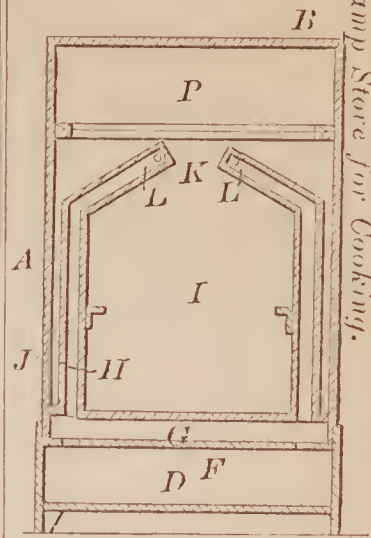
63905—J. M. Keep—*Paper Fastening.*



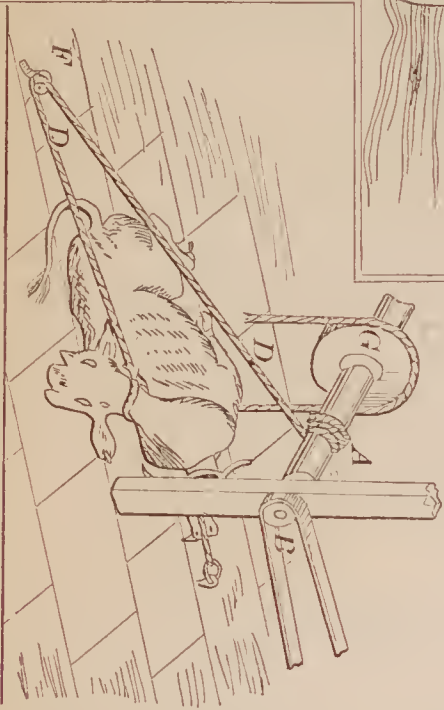
63906—M. H. N. Kendig—*Garment Fastener.*



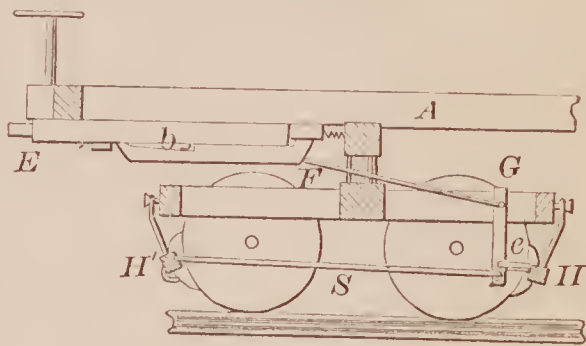
63907—Kennel, Smith & Morrison—*Lamp Store for Cooking.*



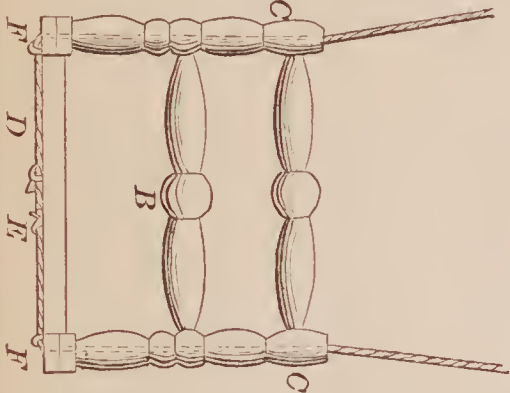
63910—H. S. Lewis—*Skinning Cattle.*



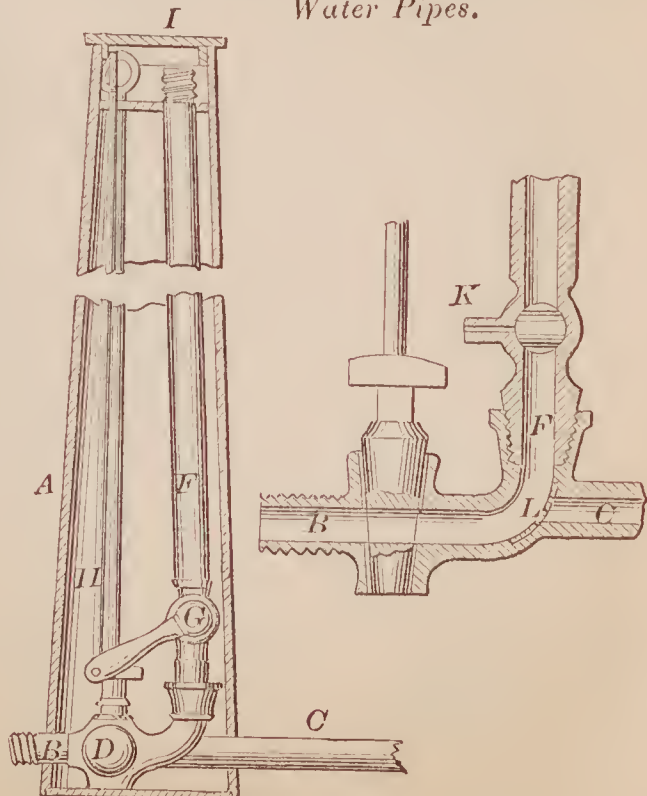
63909—S. M. Lee—*Car Brake.*



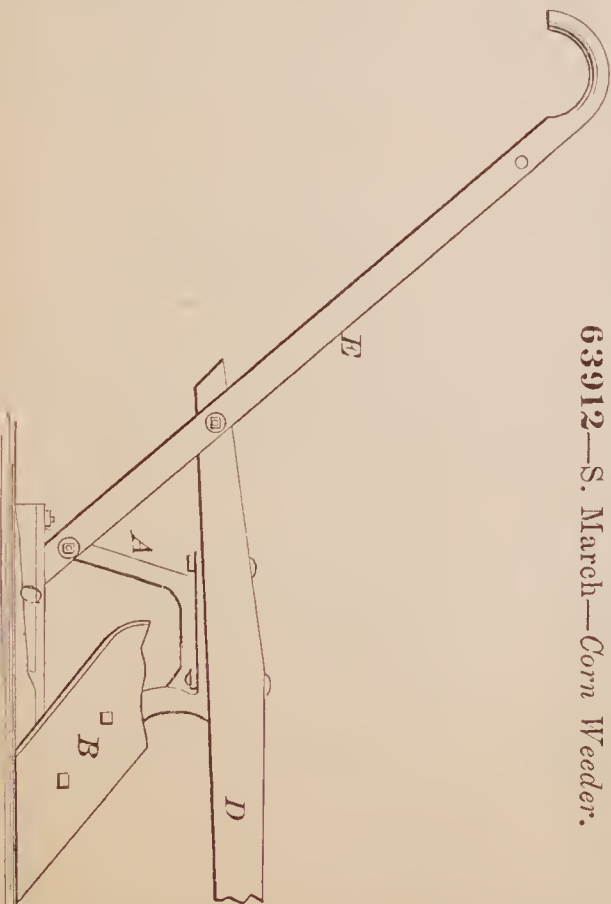
63911—G. H. Lupton—*Swing.*



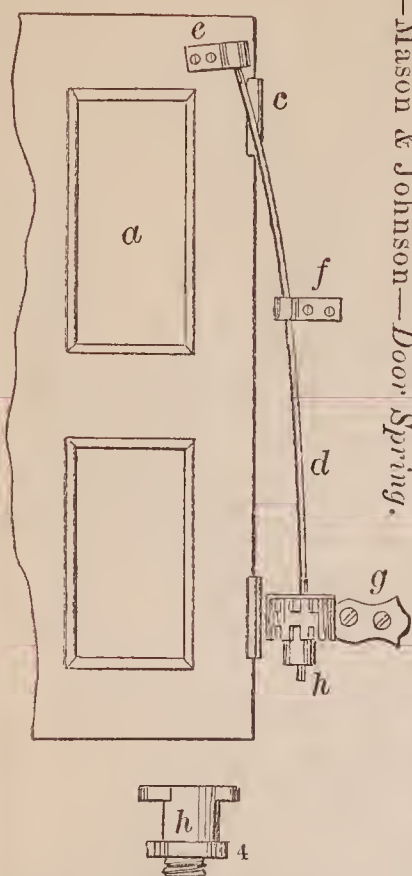
63913—Marks & Eckels—*For Cleansing Water Pipes.*



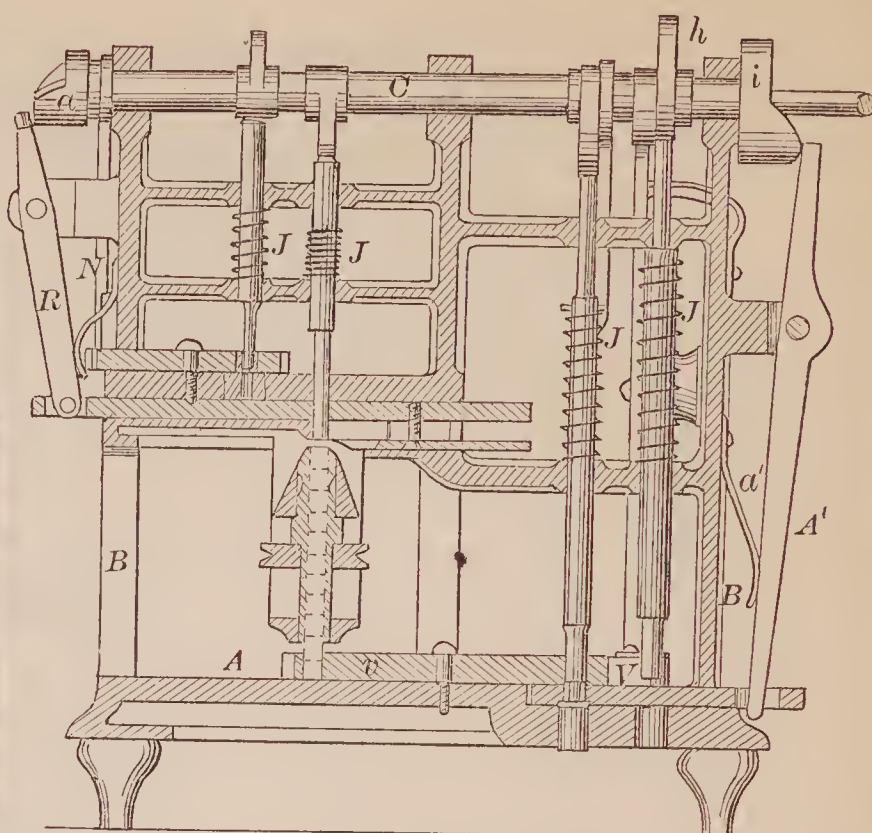
63912—S. March—*Corn Weeder.*



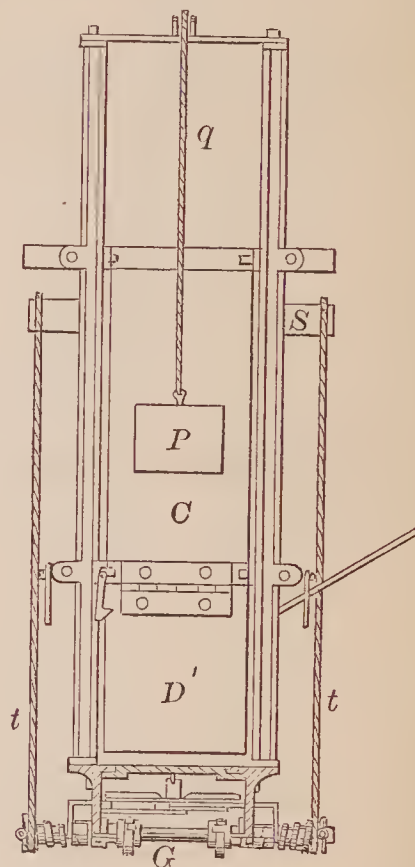
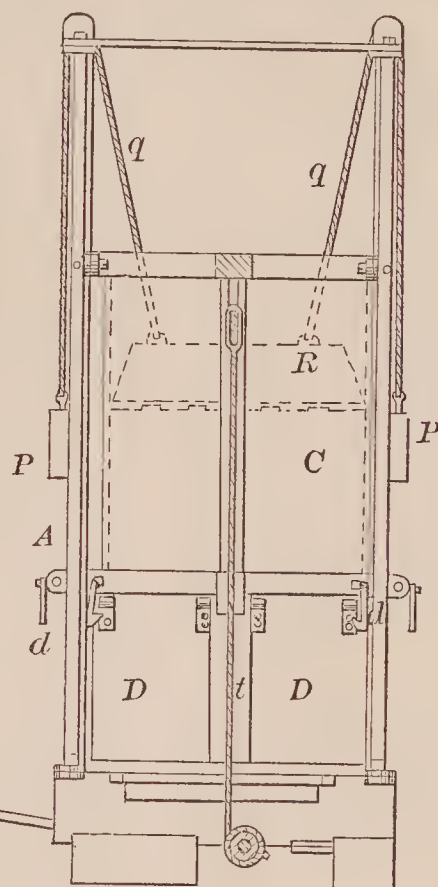
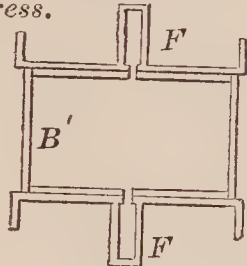
63914—Mason & Johnson—Door Spring.



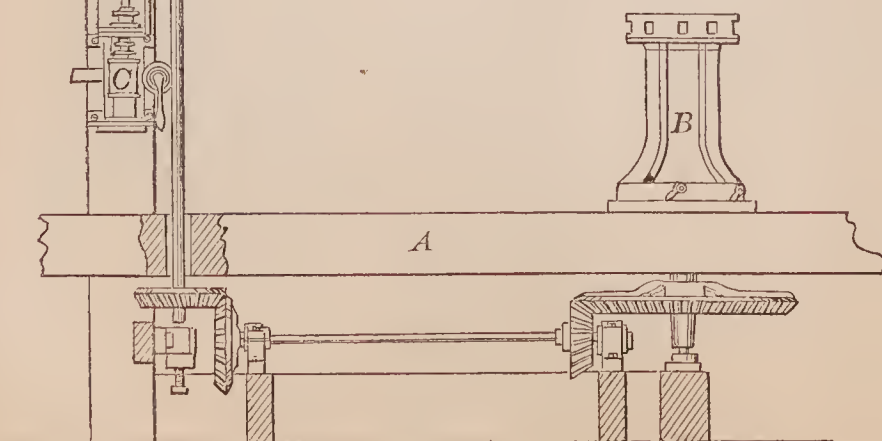
63915—W. A. McIntire—For Making Cartridge Shells.



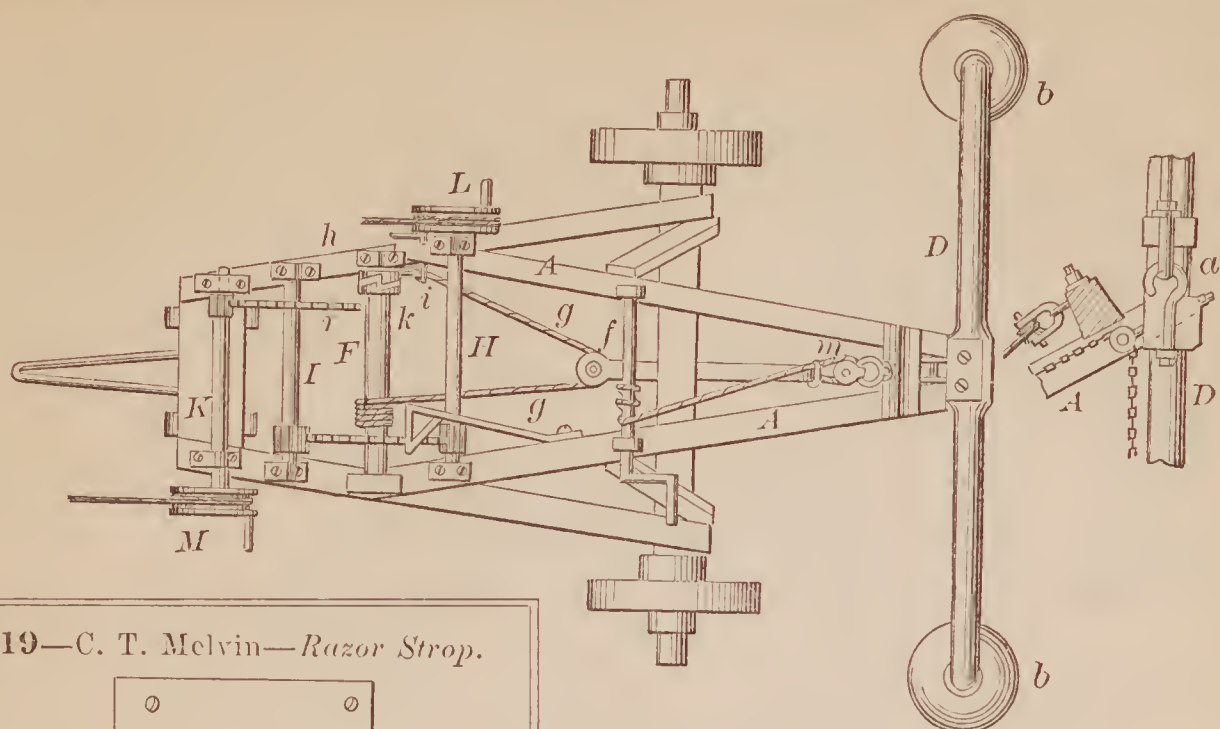
63916—J. W. McIntyre—Cotton Press.



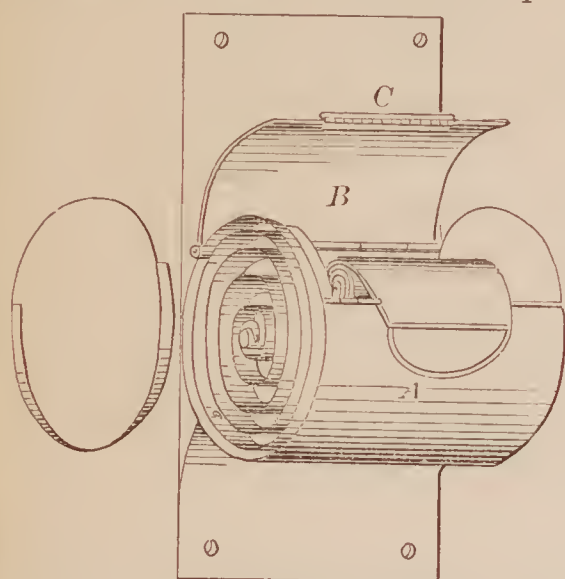
63917—J. S. McMillin—Application of Steam Power to Capstans.



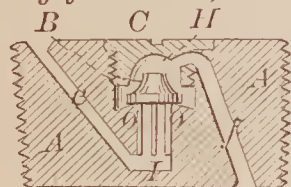
93918—M. Mellen—*Stump Extractor*.



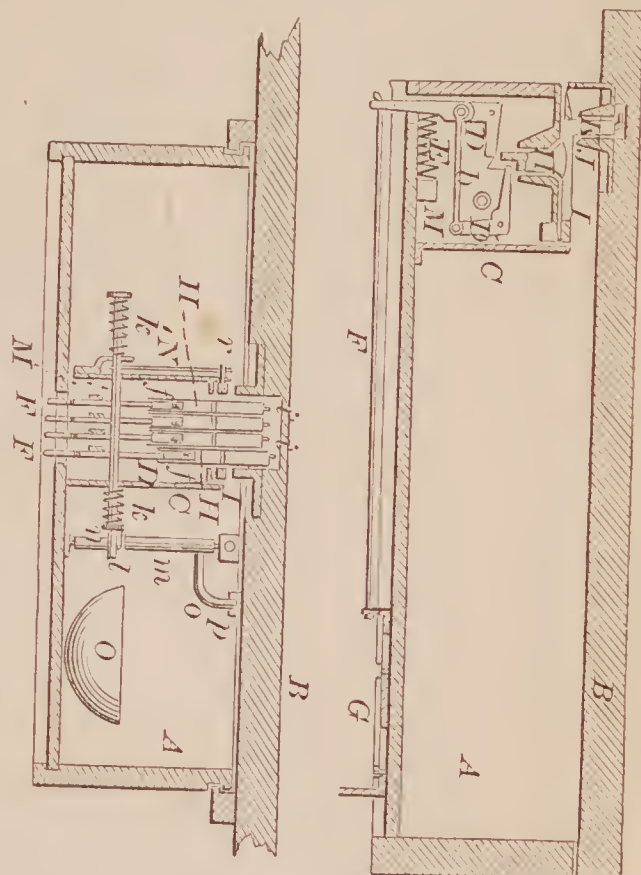
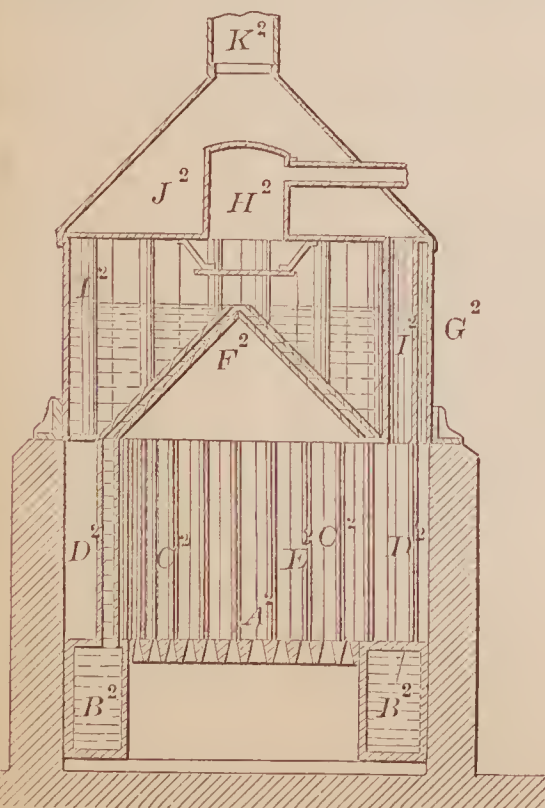
63919—C. T. Melvin—*Razor Strop*.



63920—J. B. Melvin—*Ventilating Bung for Casks, &c.*

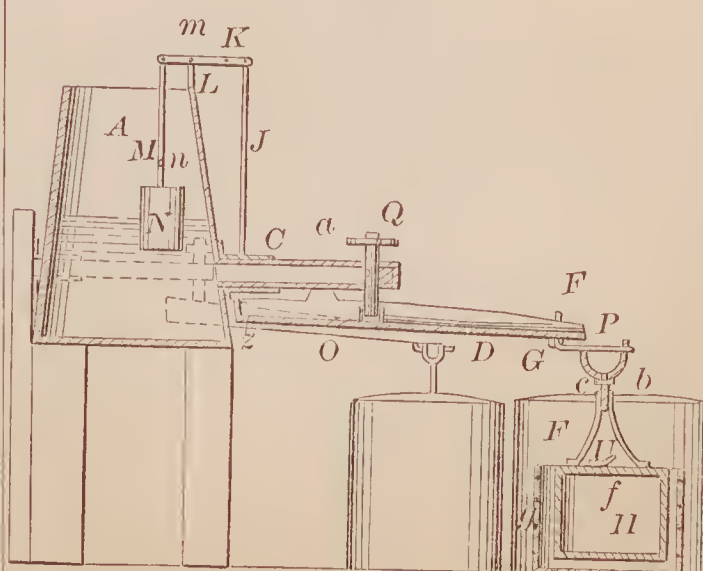


63923—J. A. Miller—*Steam Generator*

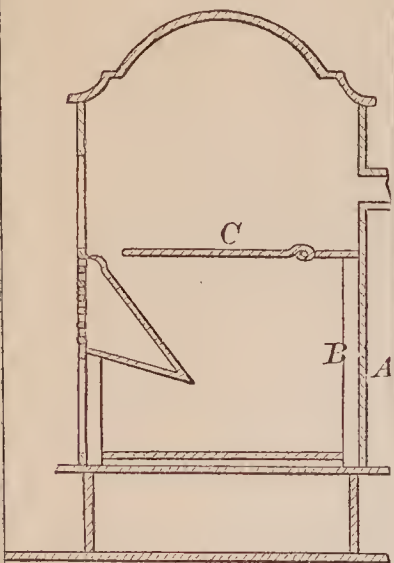


63922—D. K. Miller—*Alarm Lock for Tills.*

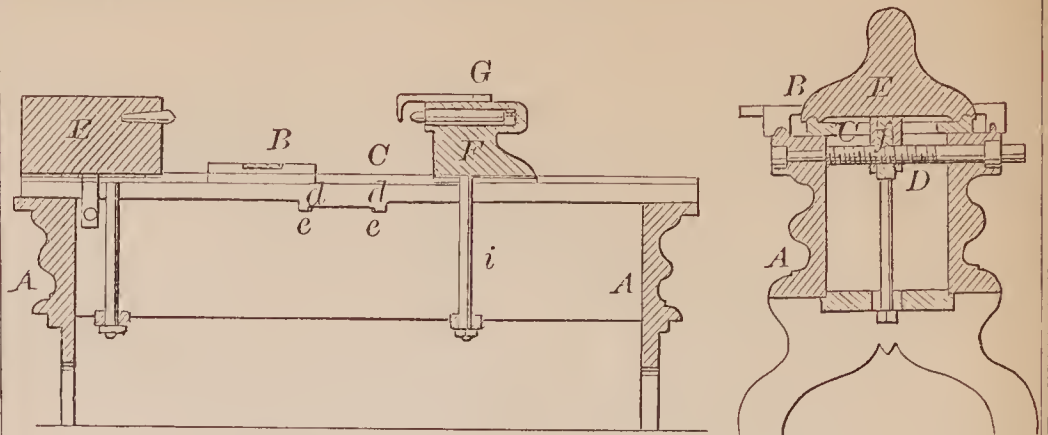
63925—S. A. Mitchell—*For Feeding Liquid to Evaporating Pans.*



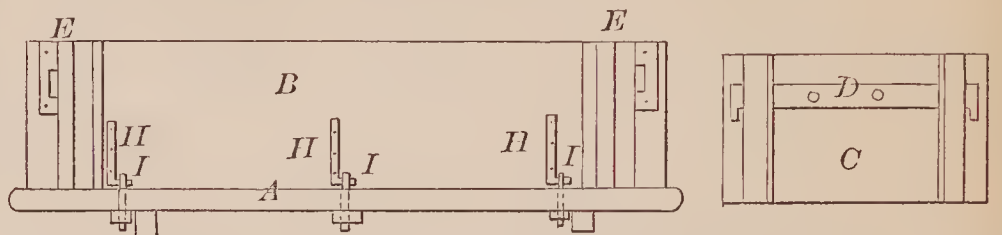
63926—G. R. Moore—*Coal Stove.*



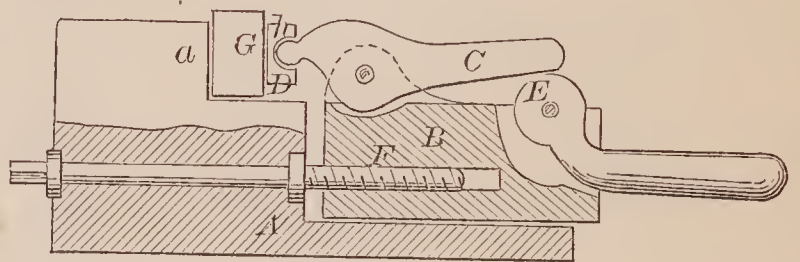
63928—H. L. Morse—*Turning Lathe.*



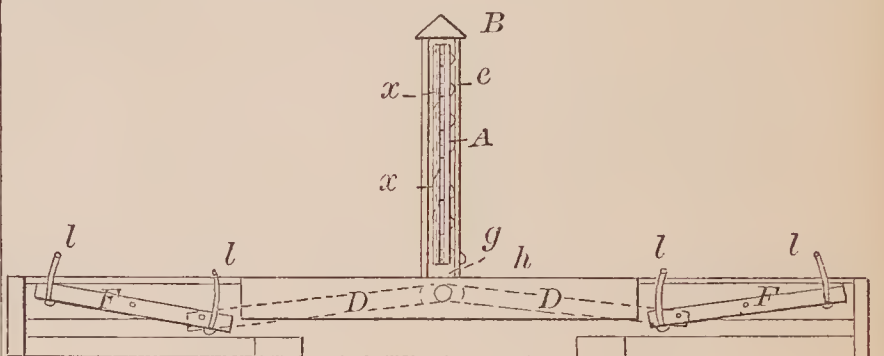
63931—G. W. Oviatt—*Wagon Box.*



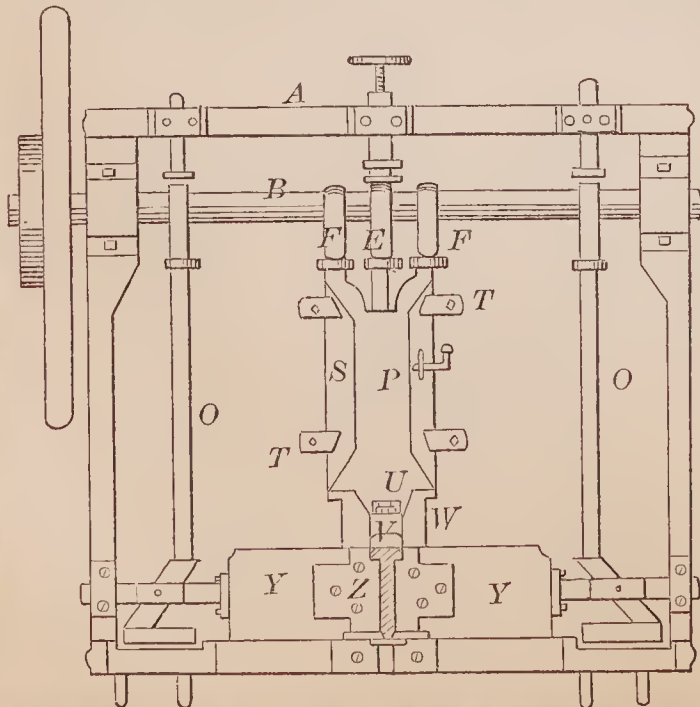
63929—S. A. Morse—*Clamp.*



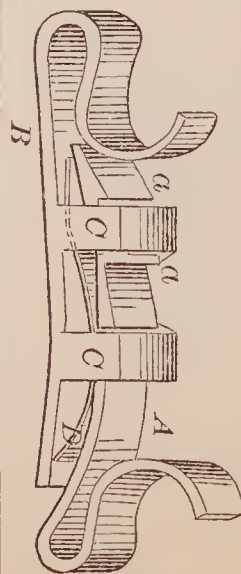
63932—C. H. Paine—*Gate.*



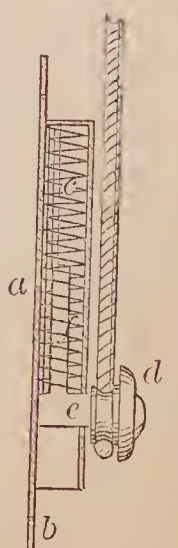
63927—J. Morgan, Jr.—*Bolt and Rivet Machine.*



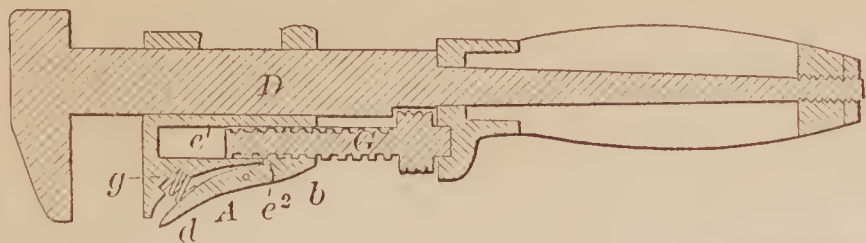
63933—W. W. Palmer—*Hame Fastener.*



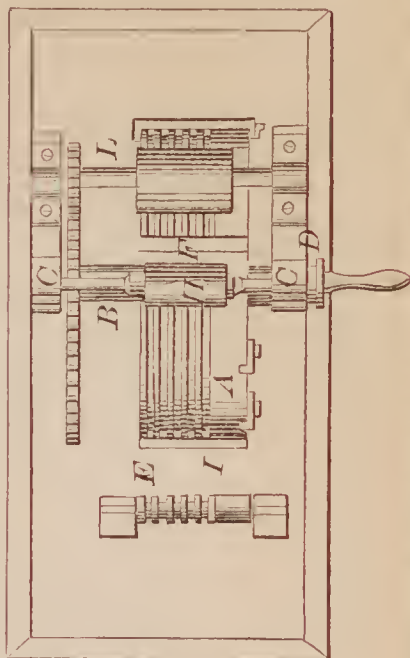
63934—C. C. Parker—*Curtain Fixture.*



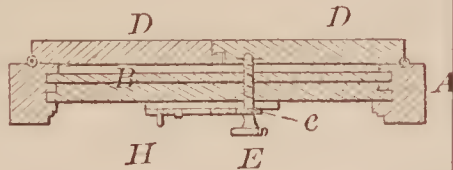
63935—J. A. Partridge—Wrench.



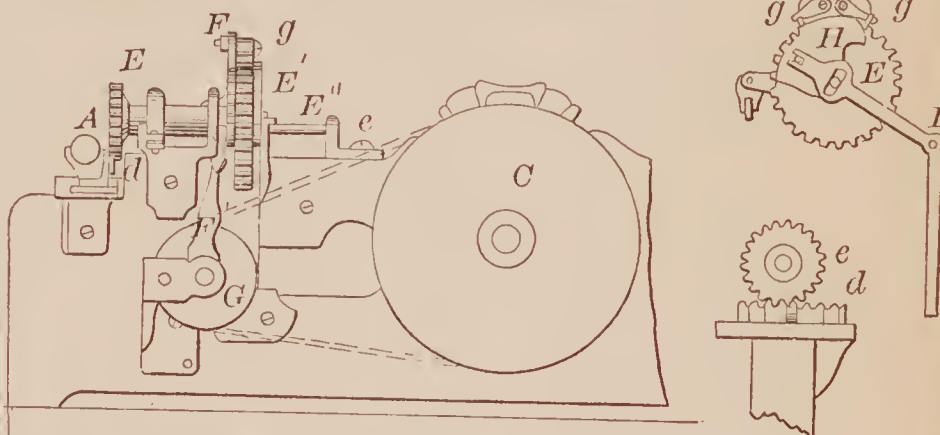
63936—Perkins & Gilbert—
For Making Hoop Skirts.



63938—L. Pollock—Sash
and Blind Fastener.



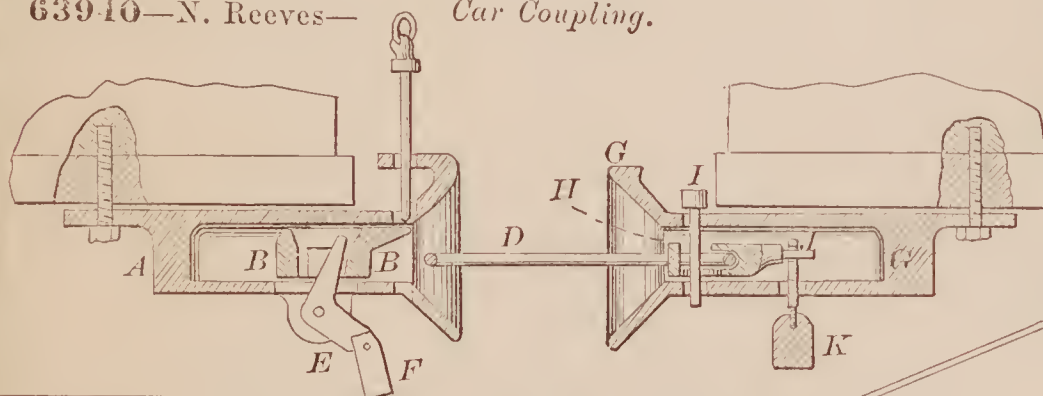
63939—E. O. Potter—For Guiding Cloth.



63942—R. Robinson—Bottle
Stopper.



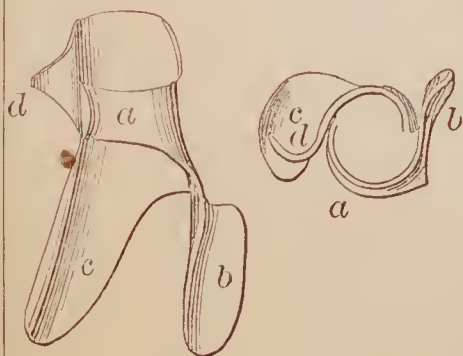
63940—N. Reeves—Car Coupling.



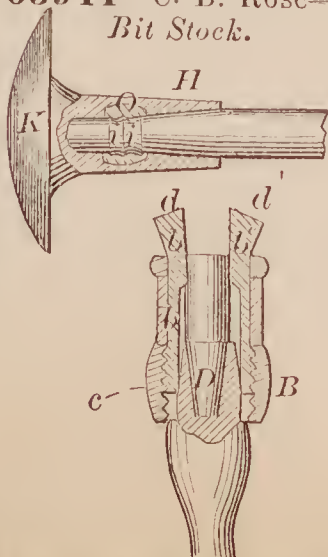
63943—J. Roebuck—Match Safe.



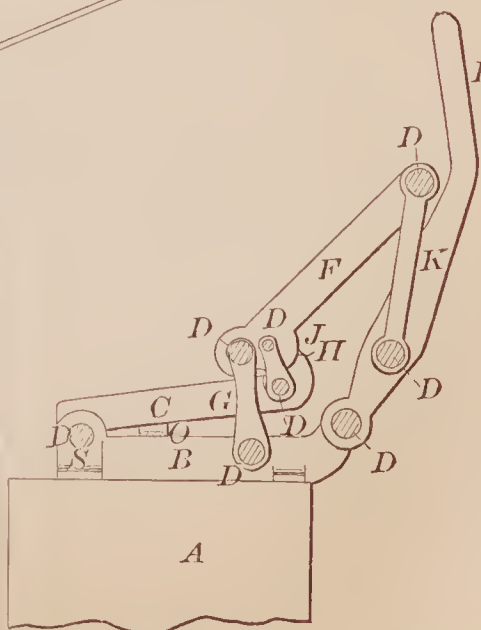
63941—A. C. Robinson—
Corn Husking Shield.

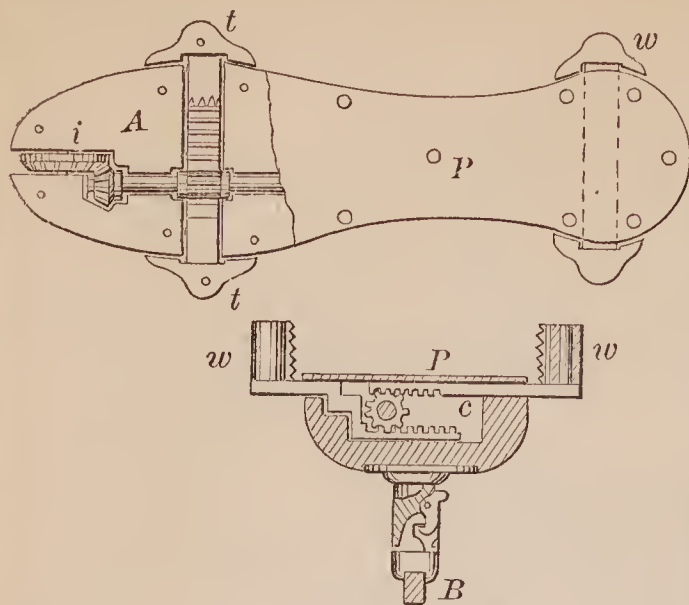
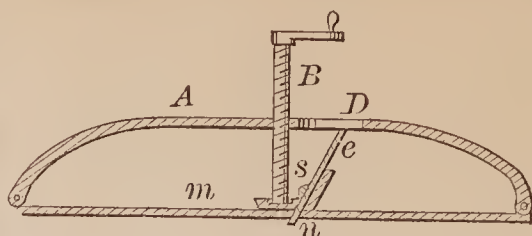
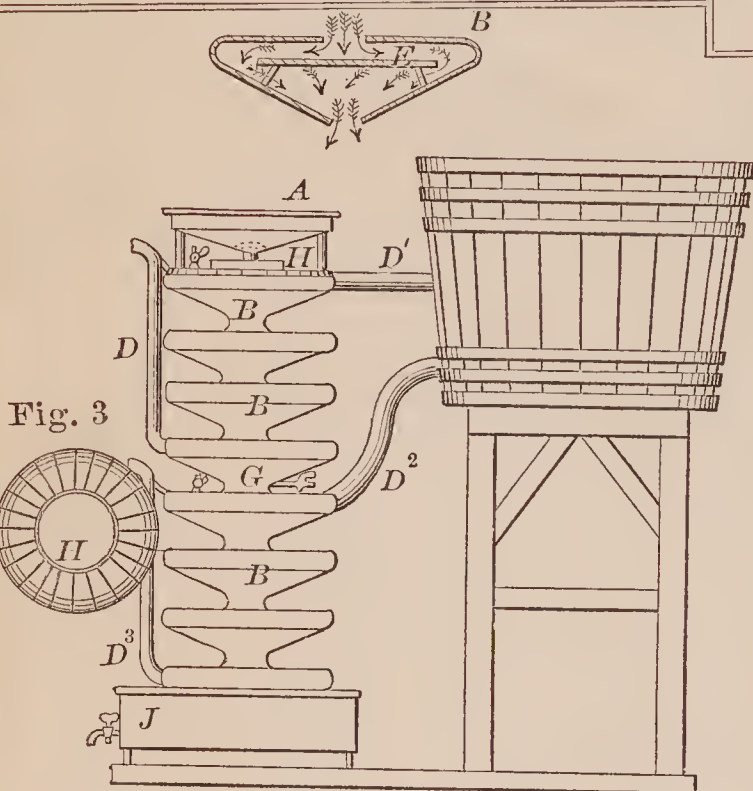
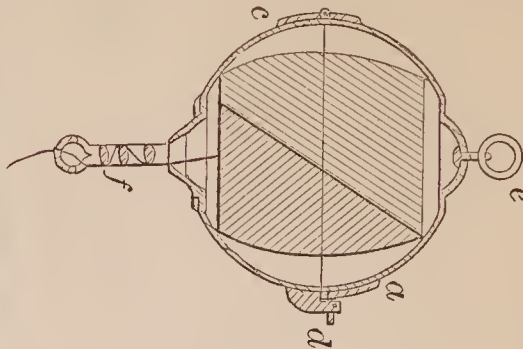
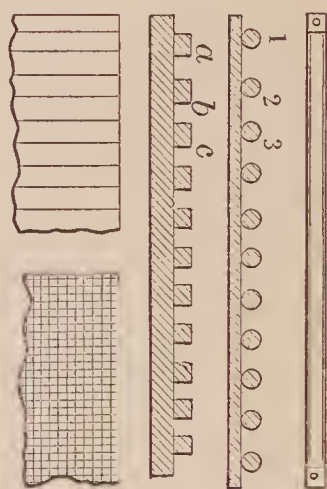
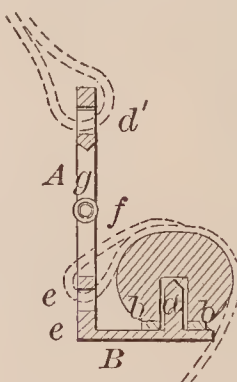
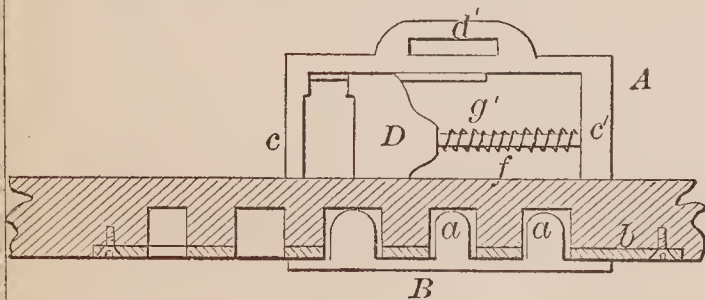
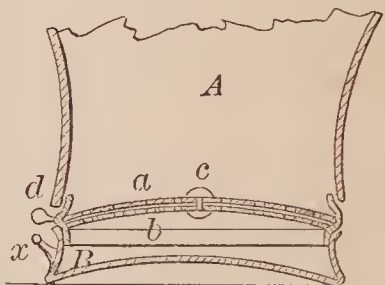
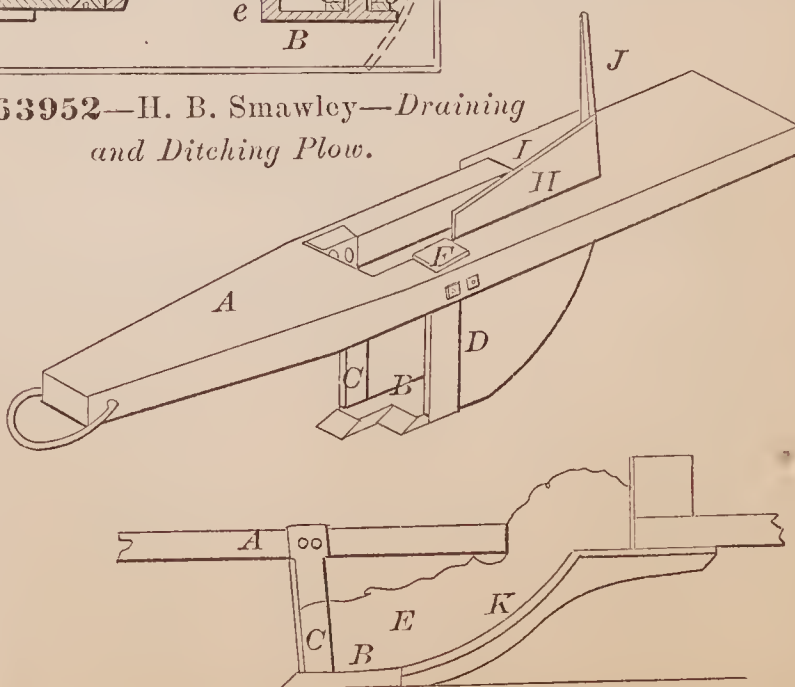
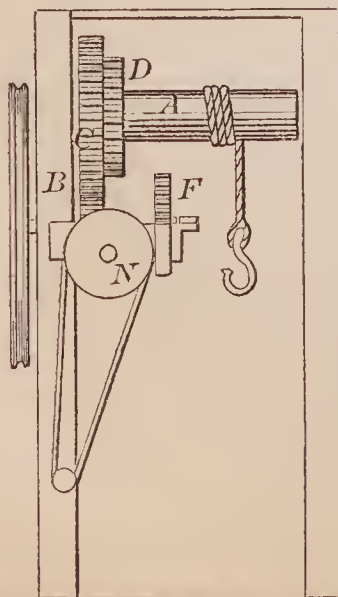


63944—C. B. Rose—
Bit Stock.

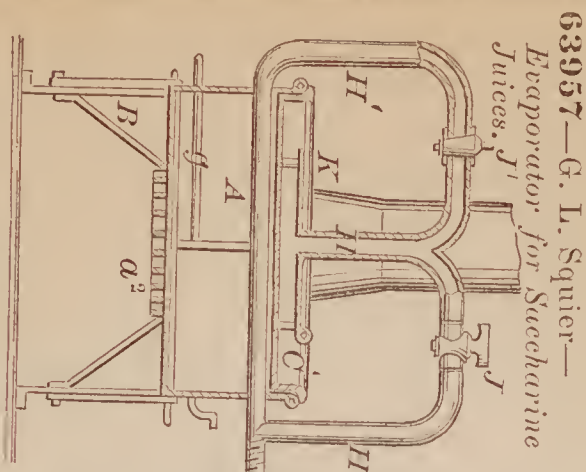
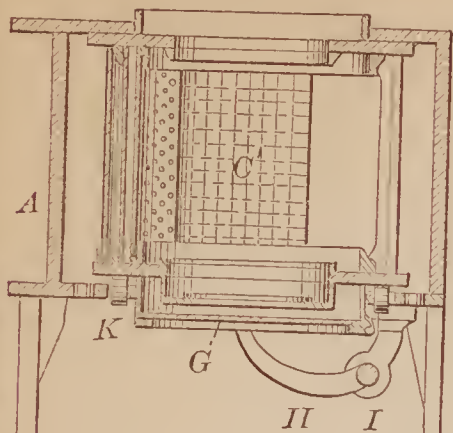


63945—J. J. Sandgren—Lever Shears.



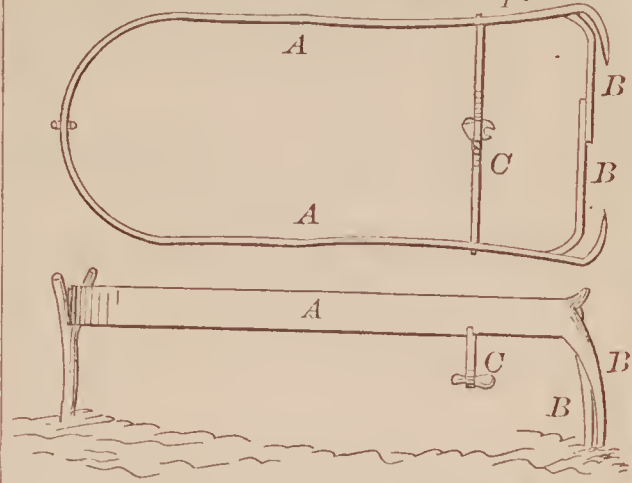
63946—H. W. Sanford—*Skate*.63948—C. H. Sawyer—*Bench Plane*.63950—F. J. Seymour—*Twine Holder*.63947—A. W. & J. Sangster—*Beer Cooler*.63951—J. Shinn—*Press Board for Oil Presses*.63954—G. Smith—*Draft Plate*.63953—G. D. Smith—*Coal Scuttle*.63952—H. B. Smawley—*Draining and Ditching Plow*.63955—H. M. Smith—*Hoisting Machine*.

63956—S. Smith—*Furnace Fire Chamber.*

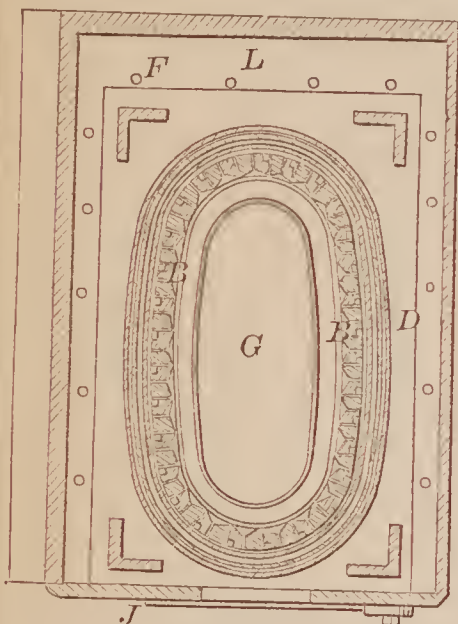
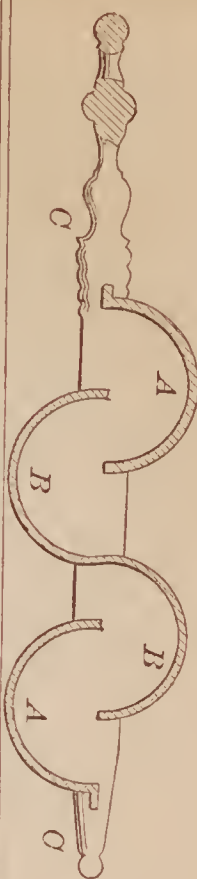


63957—G. L. Squier—*Evaporator for Saccharine Juices.*

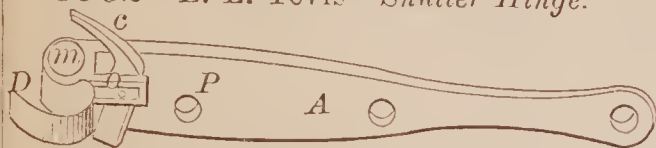
63961—J. Teed—*Animal Trap.*



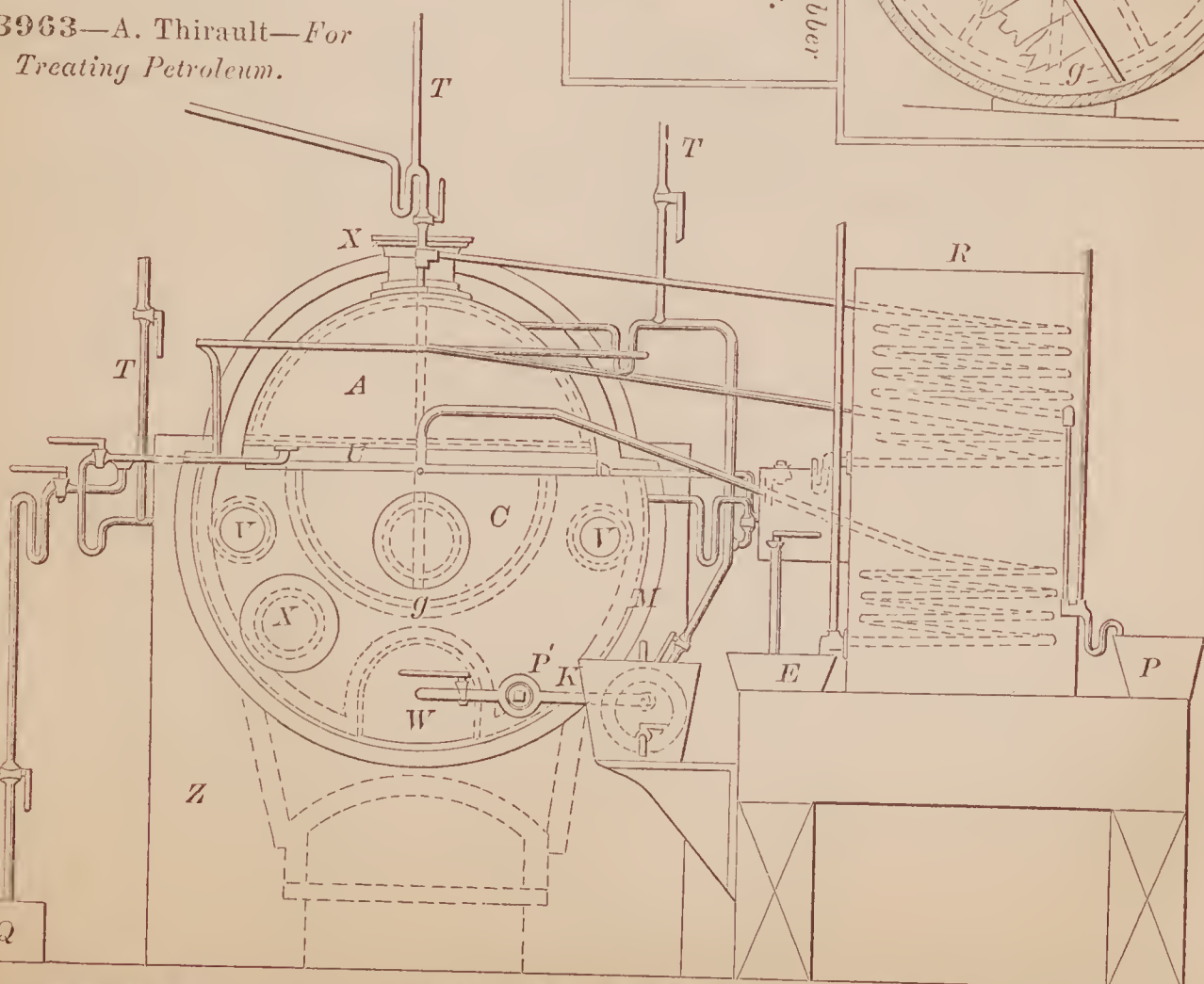
63959—Stevens & Puffer—*Store Pipe Damper.*



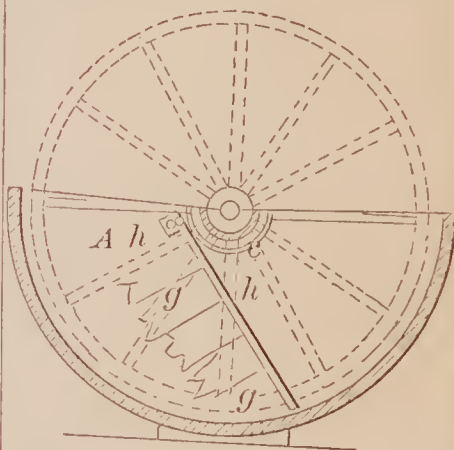
63962—E. L. Tevis—*Shutter Hinge.*



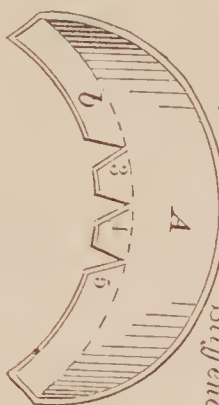
63963—A. Thirault—*For Treating Petroleum.*

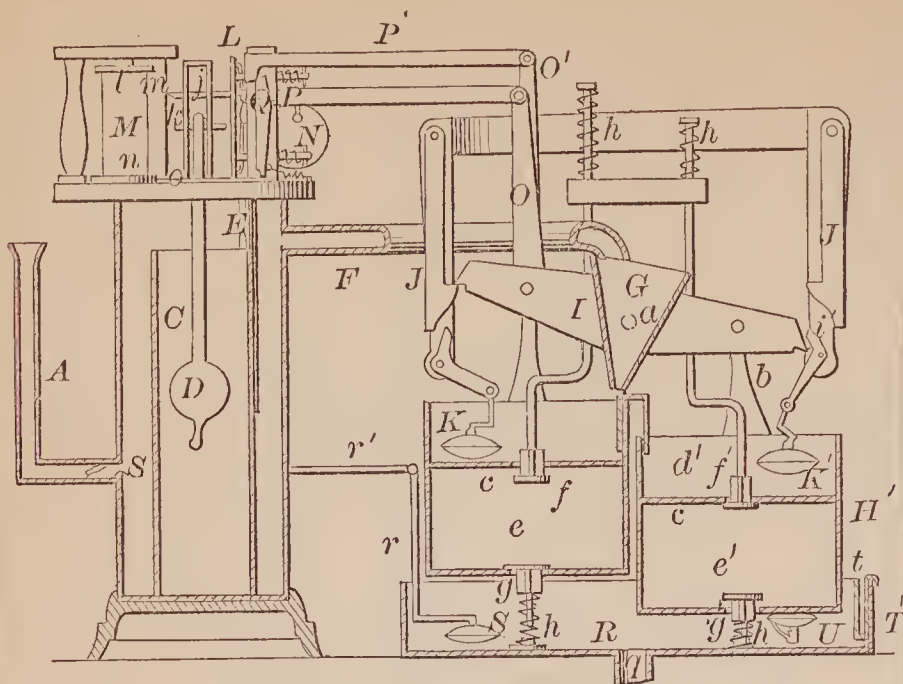
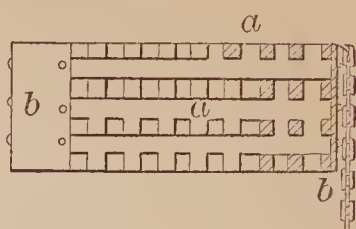
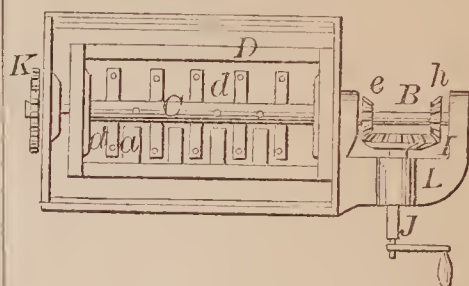
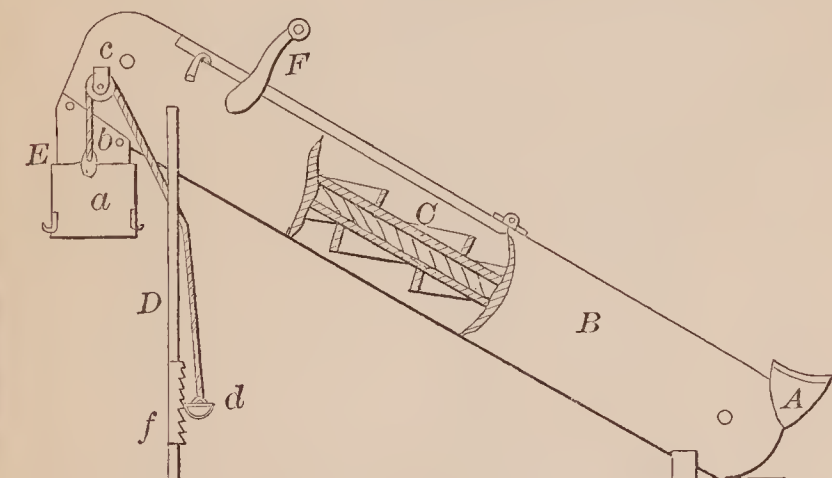
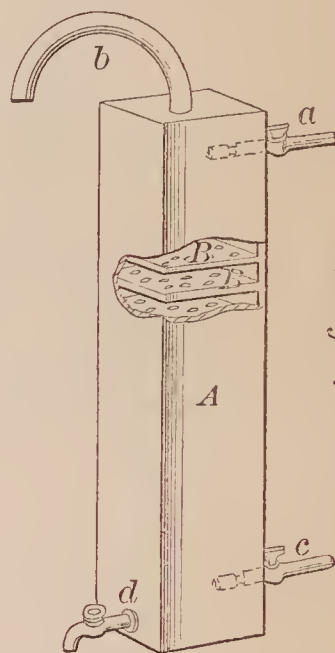
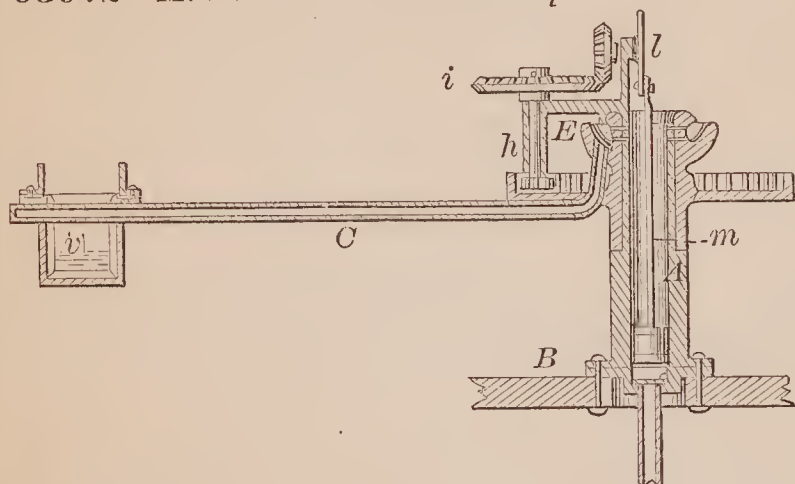
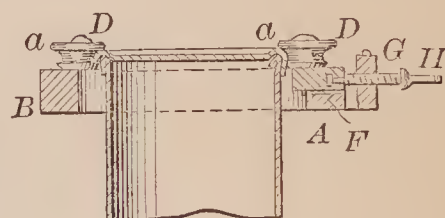
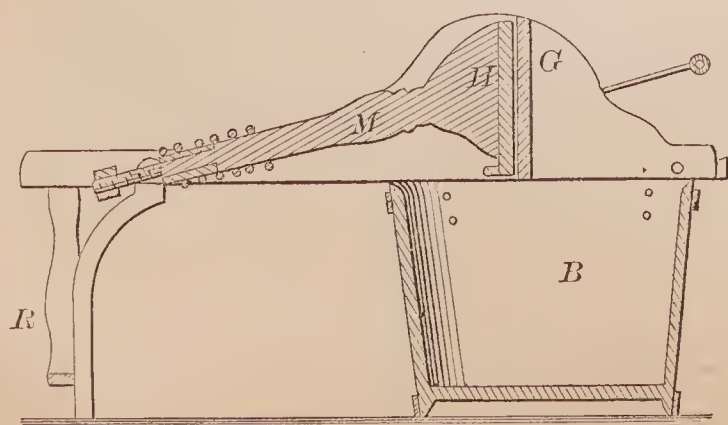
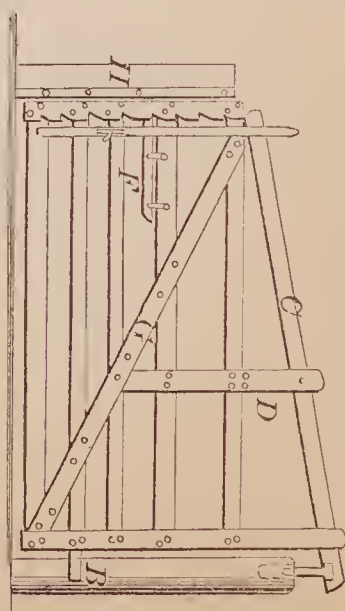


63960—W. T. Sweet—*For Washing Carriage Wheels.*

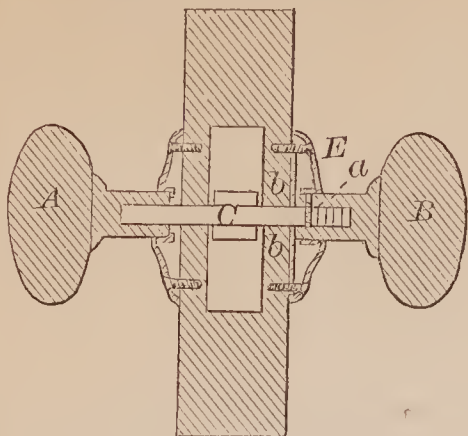


63958—E. M. Stevens—*Rubber Heel Stiffener.*

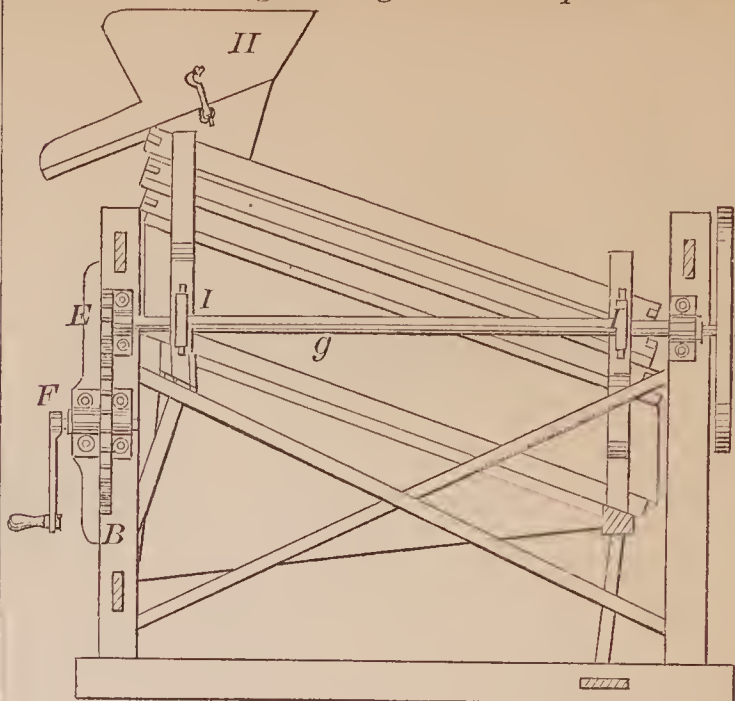


63964—I. P. Tice—*Spirit Meter.*63968—P. Voorhis—*Obstructing Ice in Rivers and Harbors.*63969—T. A. Warren—*Churn.*63967—P. V. Lackum—*For Sacking Grain.*63970—G. Waters—*Purifying Mash for Vinegar.*63972—M. D. Wilder—*Cattle Pump.*63971—P. Week—*Seaming Tool.*63973—Wilkins & Straw—*Mop Squeezer.*63974—H. S. Wolf—*Gate.*

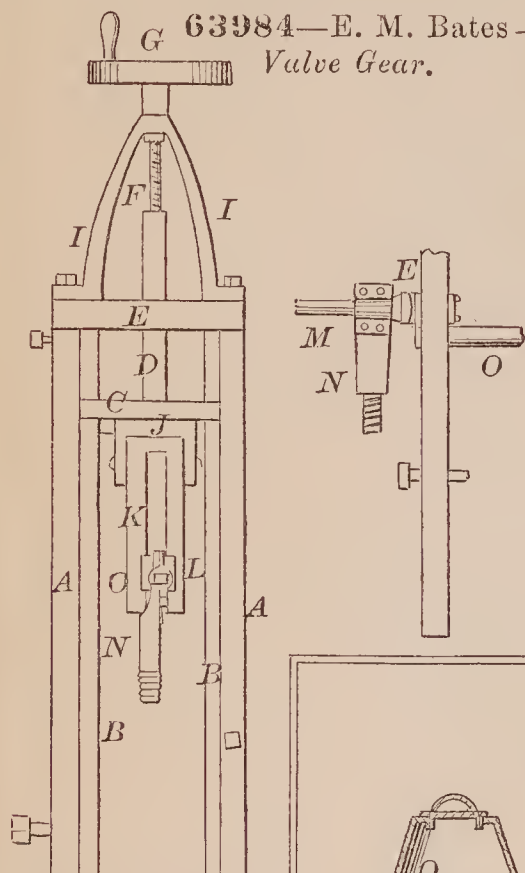
63980—W. H. Andrews—Attaching
Knobs to Door Latches.



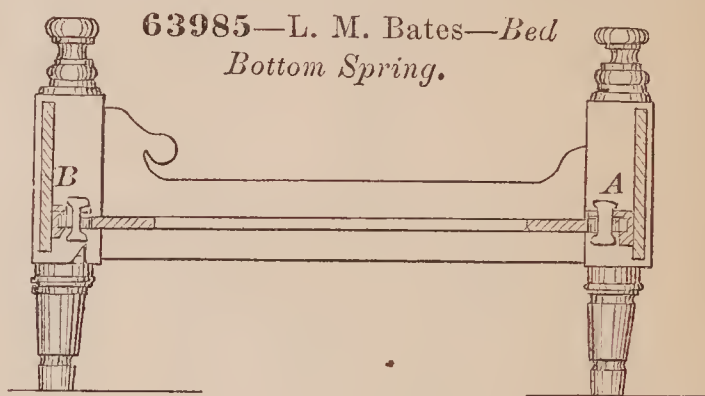
63981—G. Aughinbaugh—Gold Separator.



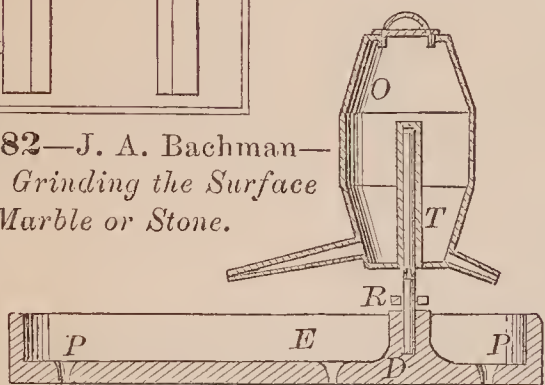
63984—E. M. Bates—
Valve Gear.



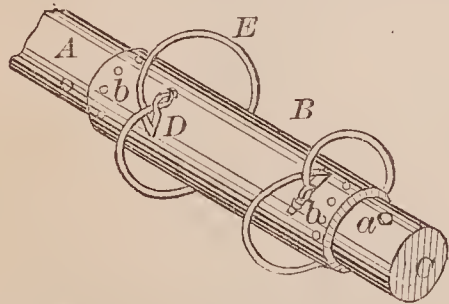
63985—L. M. Bates—Bed
Bottom Spring.



63982—J. A. Bachman—
For Grinding the Surface
of Marble or Stone.



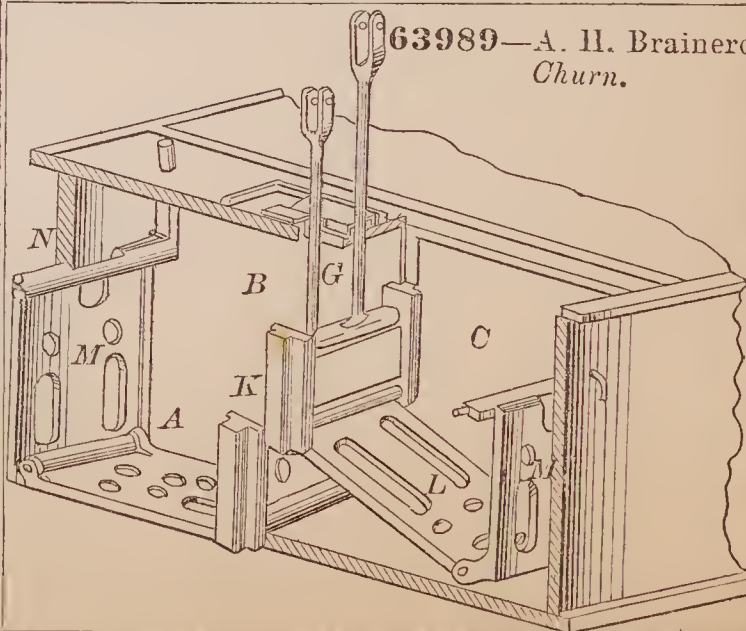
63983—H. Barker—Broom Head.



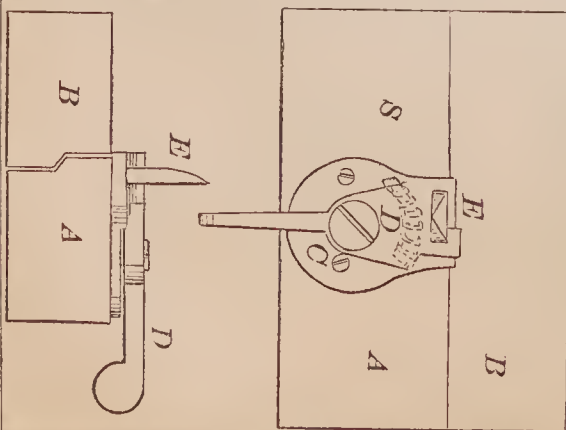
63986—G. H. Bechtel—Ice Pitcher.



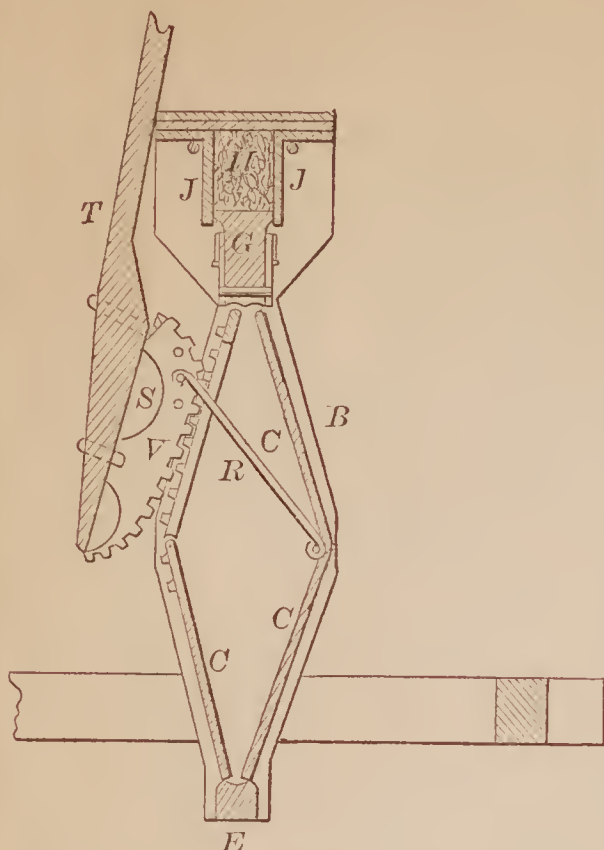
63989—A. H. Brainerd—
Churn.



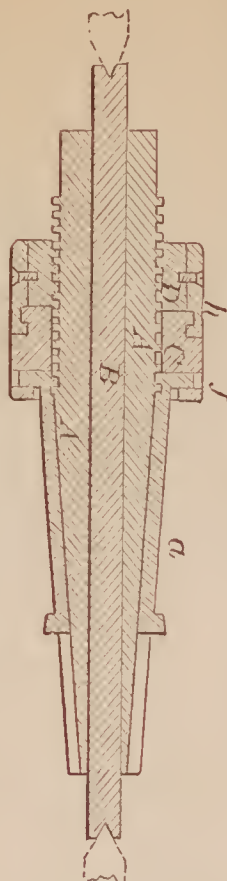
63988—A. Bingham—
Window Latch.



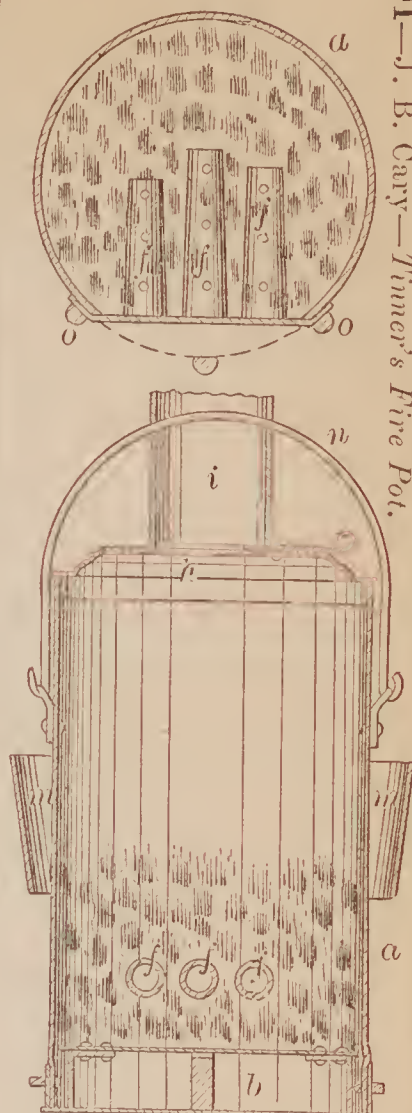
63990—R. Brunson—*Brick Press.*



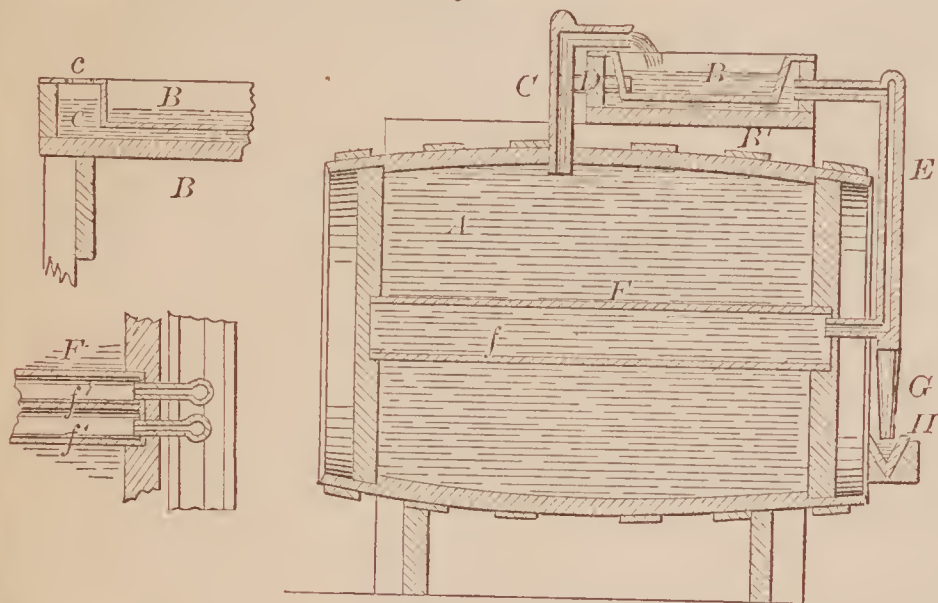
63992—J. C. Chapman—*Boring Tool.*



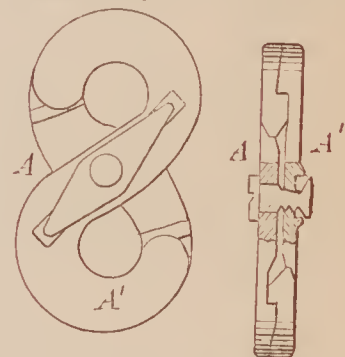
63991—J. B. Cary—*Timer's Fire Pot.*



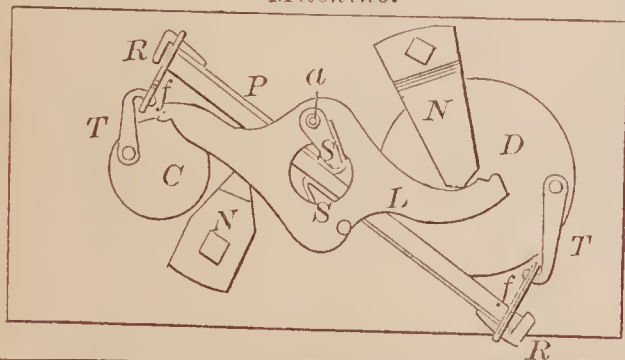
63994—C. Clifford—*Brewing Ale.*



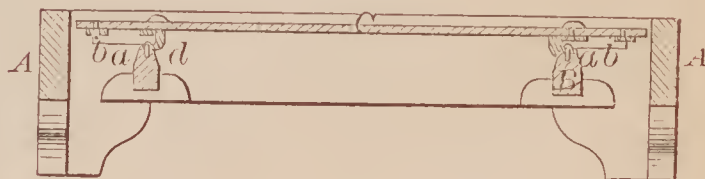
63996—R. Kreuzbaur—*Connecting Link and Hook.*



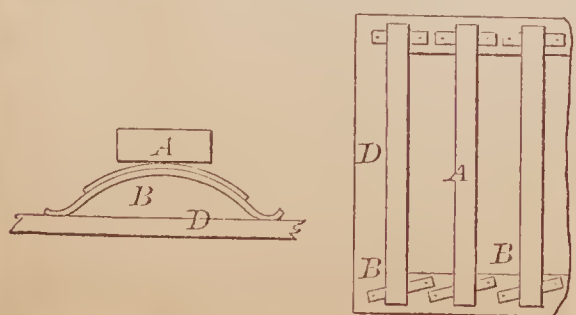
63997—J. A. Dann—*Wood Bending Machine.*



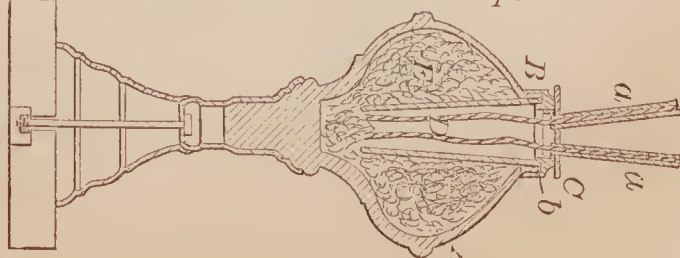
63998—J. & S. Danner—*Bed Bottom.*



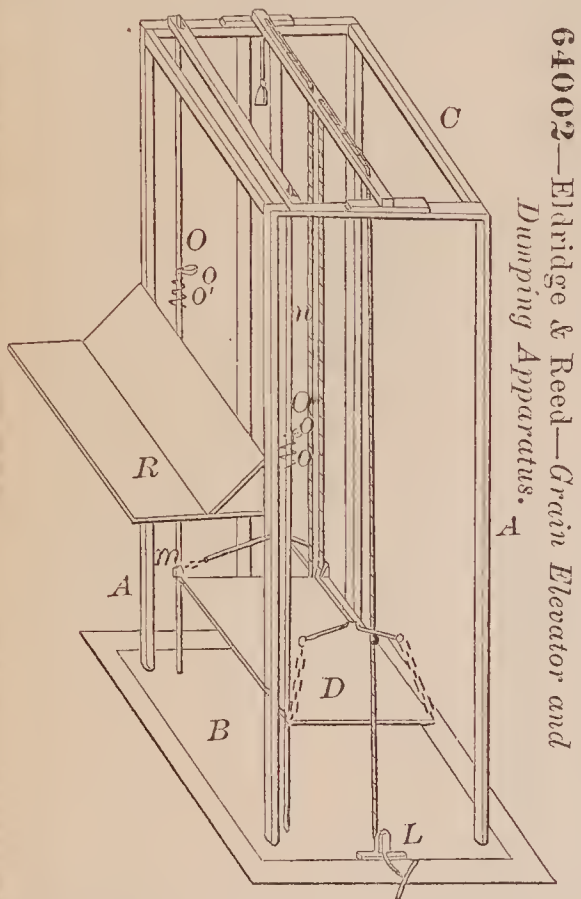
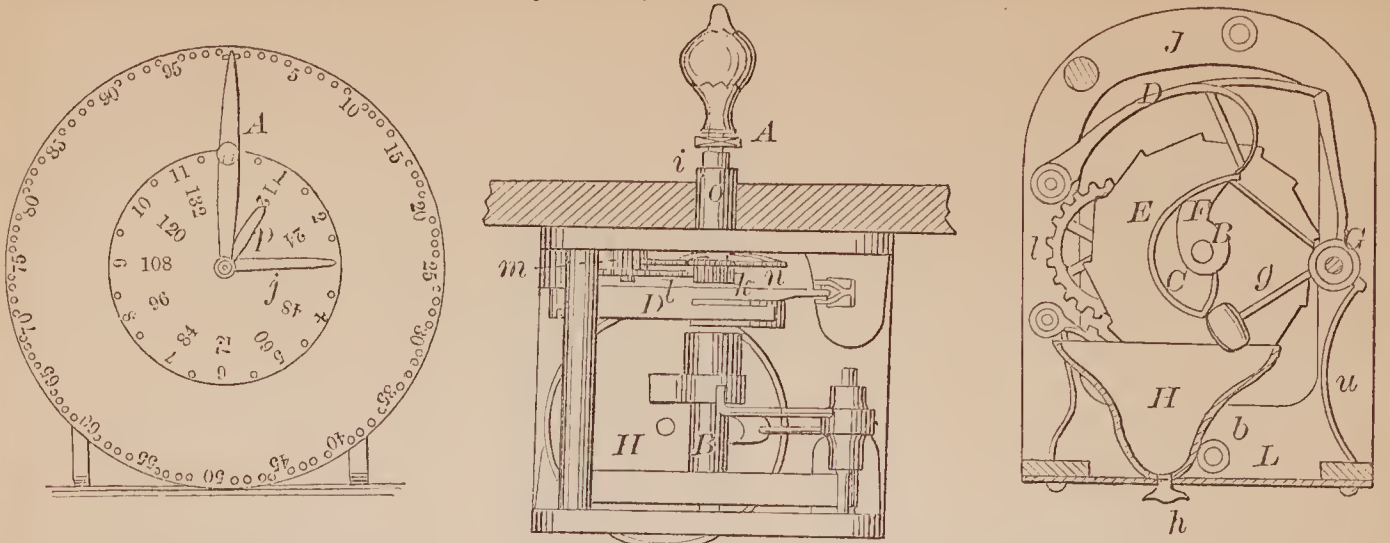
63993—H. M. Clark—*Bed Bottom.*



63999—J. Davis, Jr.—*Lamp.*

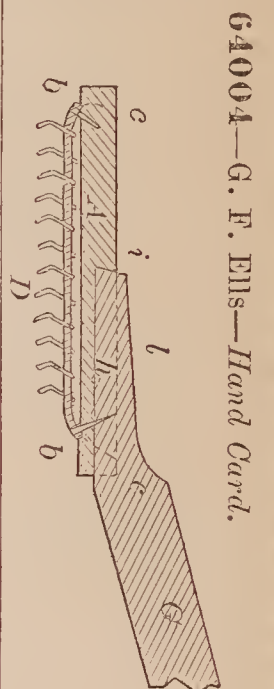
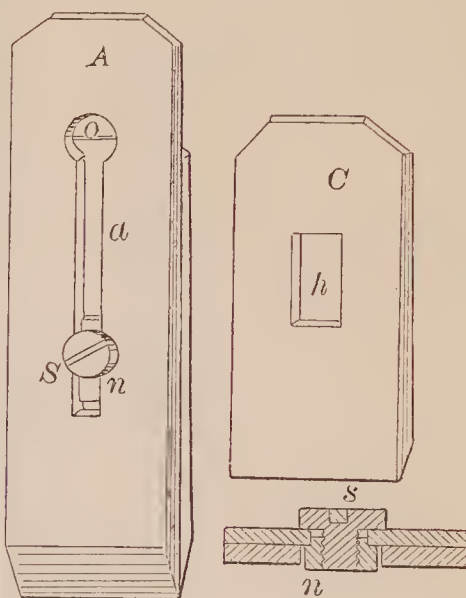


64000—Earl & Hawley—For Registering Games of Billiards.



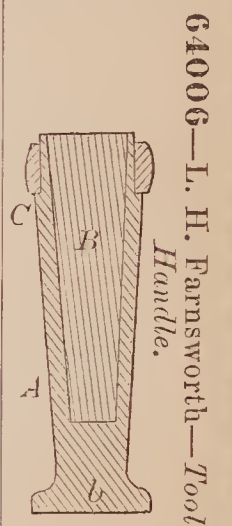
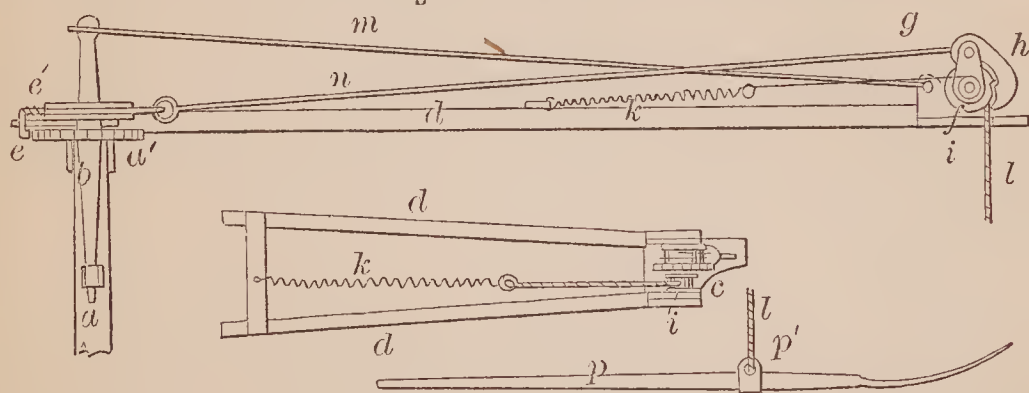
64002—Eldridge & Reed—Grain Elevator and Dumping Apparatus.

64001—W. H. Eckert—Plane Iron.



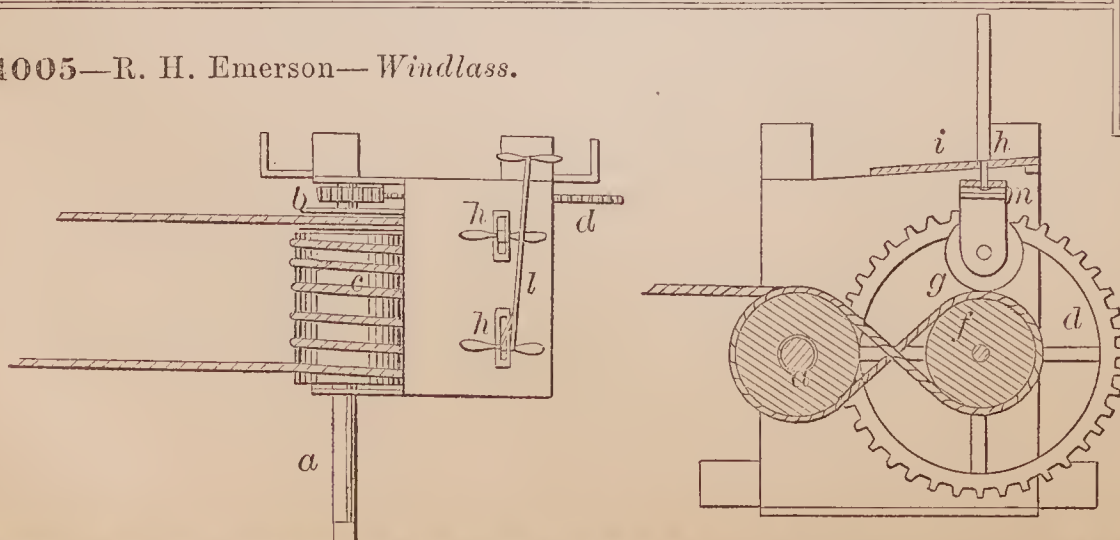
64004—G. F. Ellis—Hand Card.

64003—W. H. Elliot—Hay Loader.

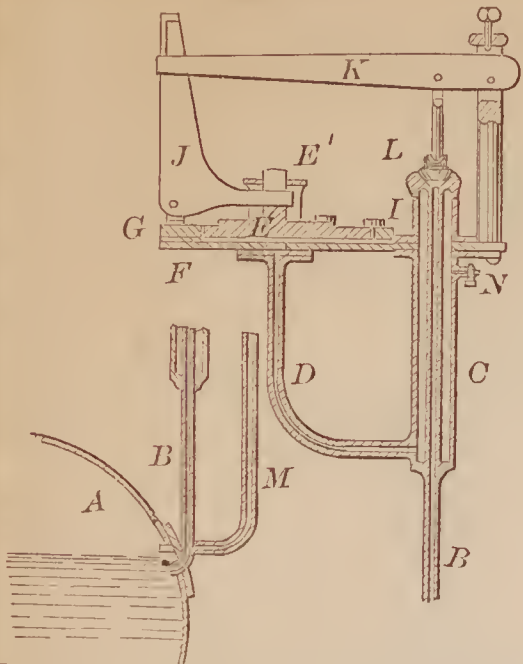


64006—L. H. Farnsworth—Tool Handle.

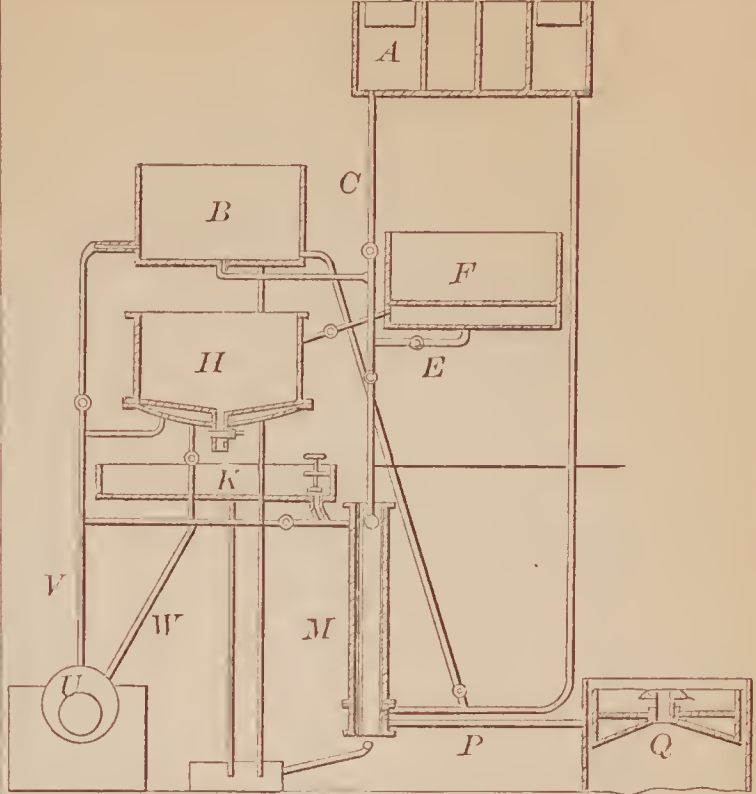
64005—R. H. Emerson—Windlass.



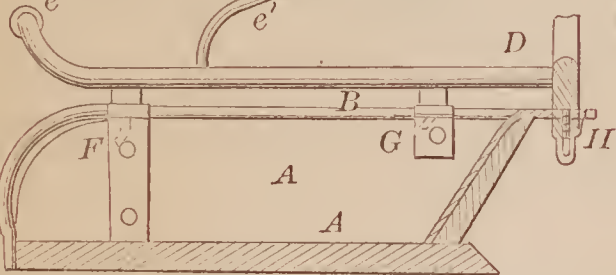
64007—L. Fulton—Low Water Indicator.



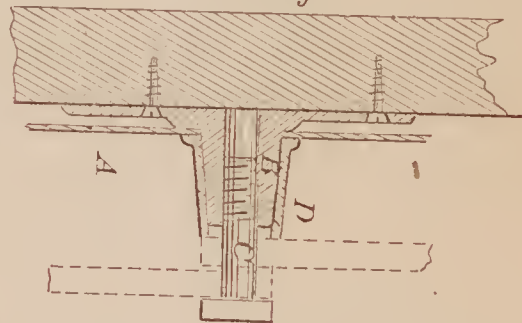
64011—Haigh & Robertson—For Boiling, Cooling and Fermenting Malt Liquors.



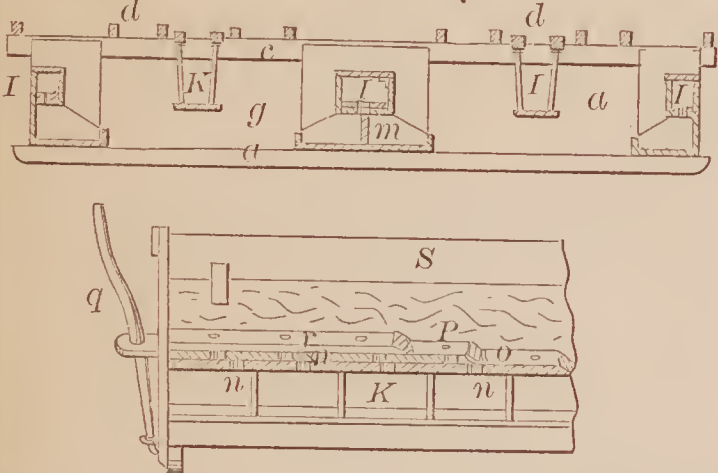
64008—F. Baumgartner—Shifting Rail for Carriage Seats.



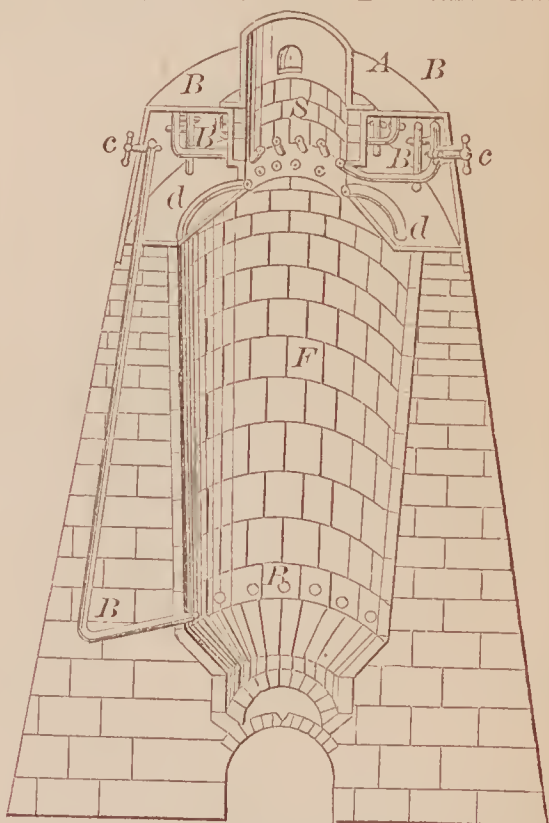
64010—R. S. Grummon—Top Prop for Carriages.



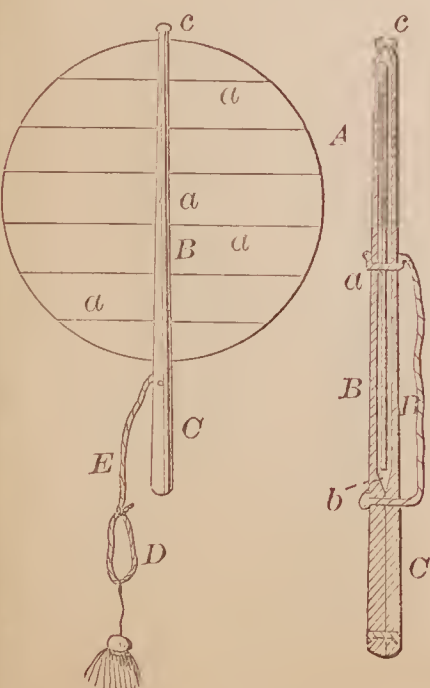
64009—D. Gray—Sheep Rack and Shelter.



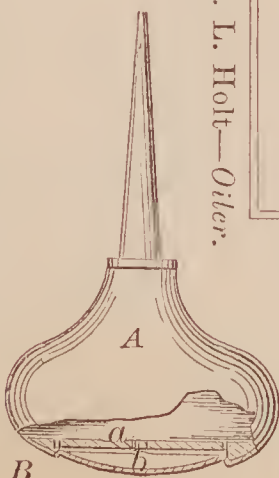
64012—D. W. Hendrickson—Blast Furnace.



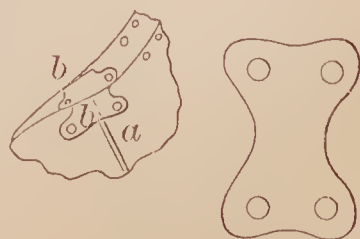
64013—L. Hill—Fan.



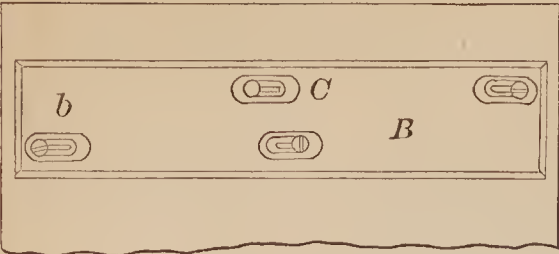
64014—G. L. Holt—Oiler.



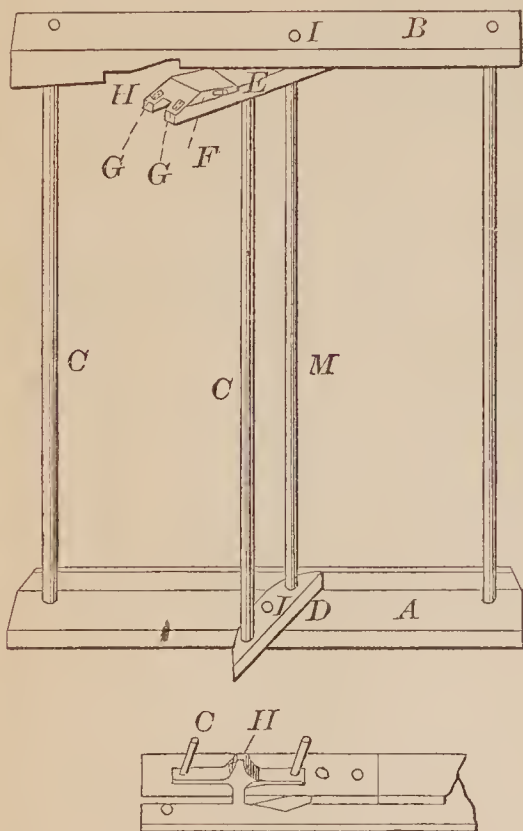
64015—G. Houghton—Shoe.



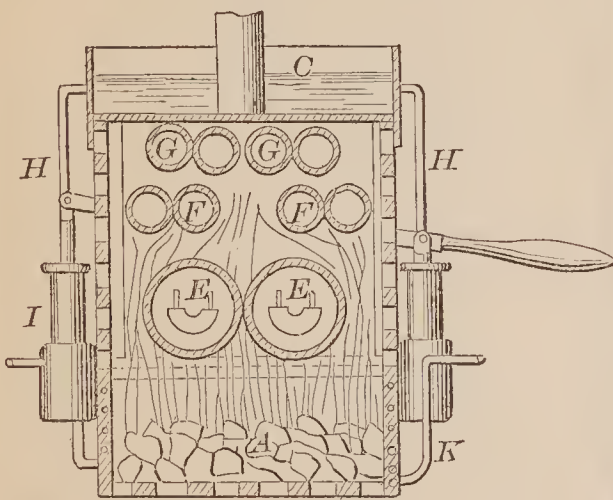
64016—S. Land—*Self-Acting Eyelet Batten.*



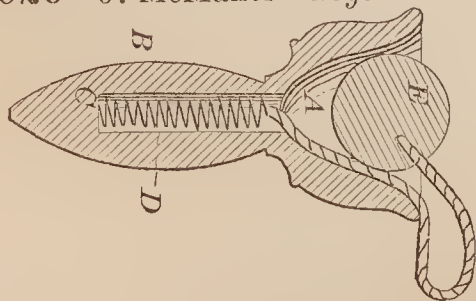
64017—J. Manley—*Cattle Stanchion.*



64021—Merriam & Allen—*Steam Generator.*



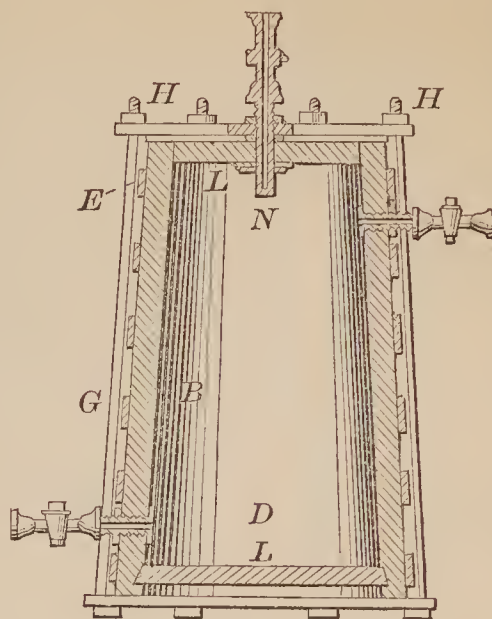
64020—J. McMahon—*Toy.*



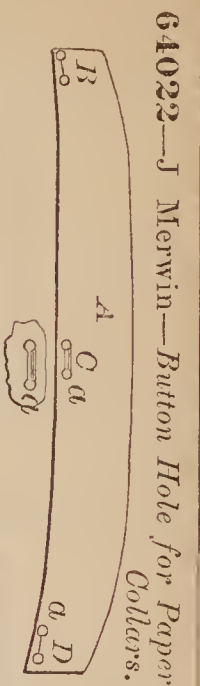
64024—F. B. Morse—*Joint for Carriage Top Braces.*



64018—M. F. Maury—*Fastening Wire or Wire Rope.*

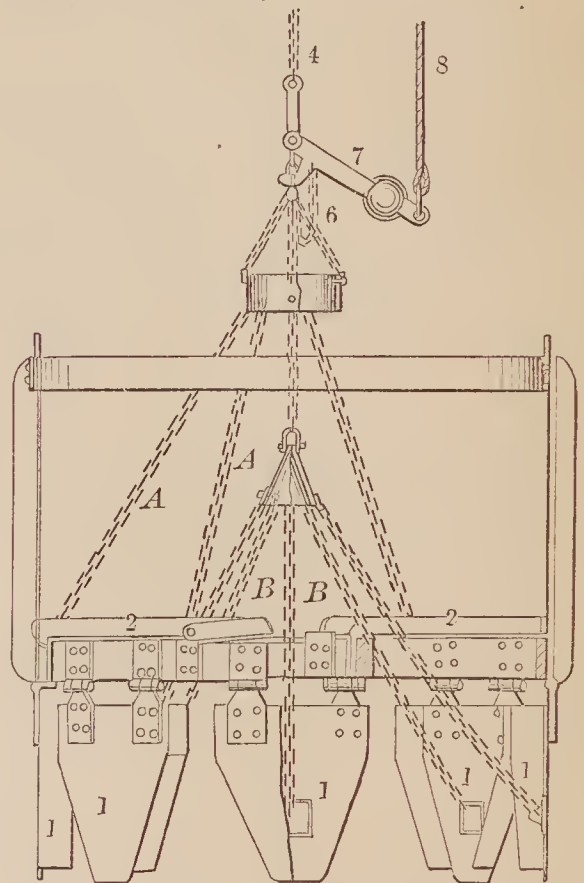


64019—G. McCoy—*Aerated Water.*

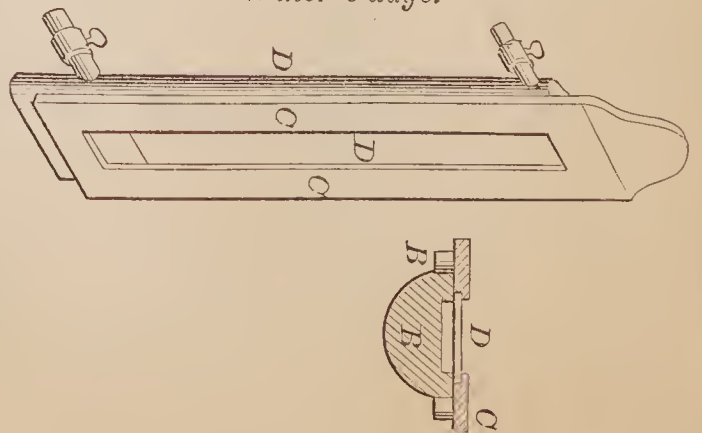


64022—J. Merwin—*Button Hole for Paper Collars.*

64023—J. Milroy—*Excavator.*

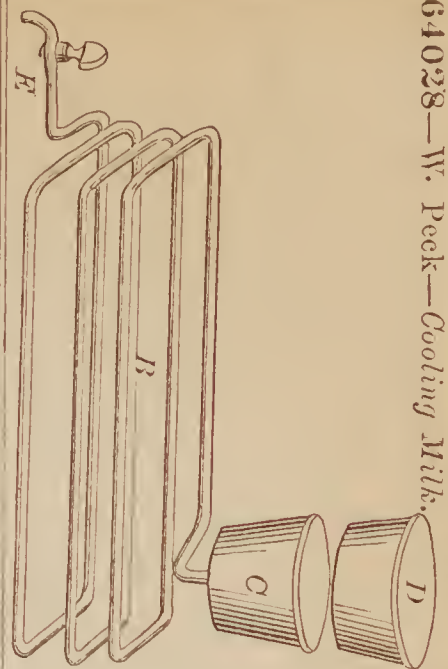
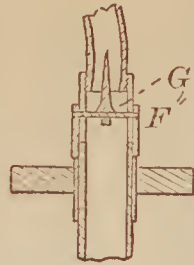
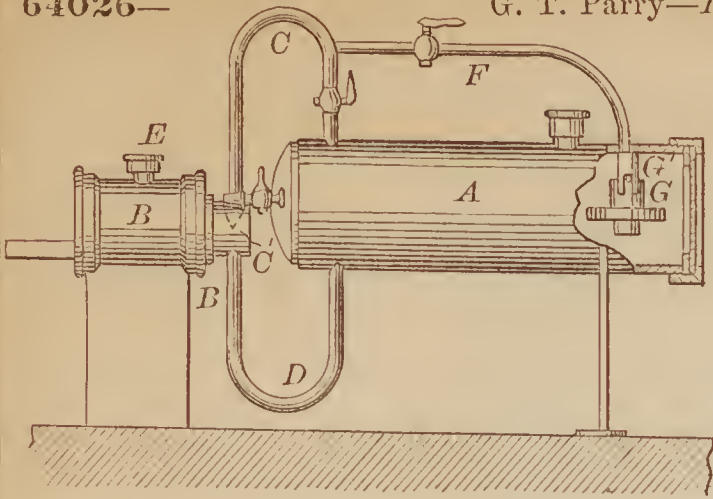


64025—G. T. Parry—*Steam Generator Water Gauge.*



64026—

G. T. Parry—Boiler Feeder.



64028—W. Peek—Cooling Milk.

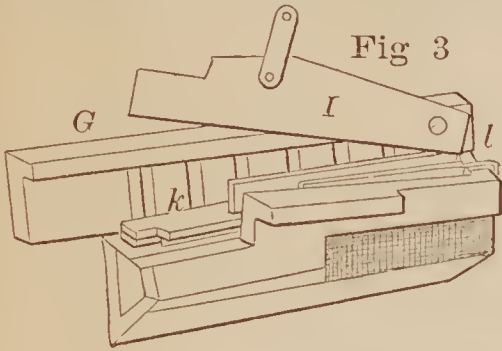


Fig 3

64027—D. Pease—Snut Mill.

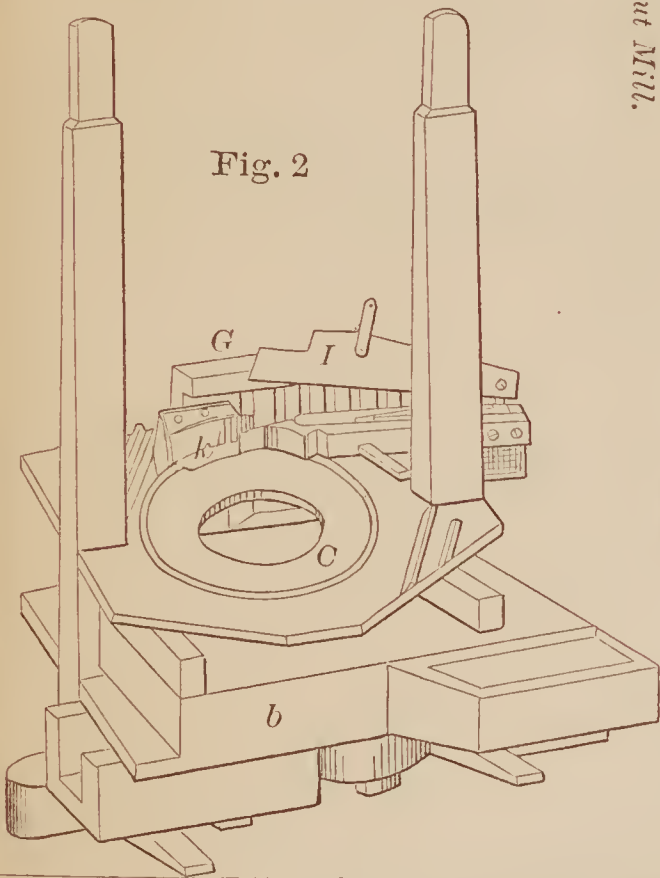
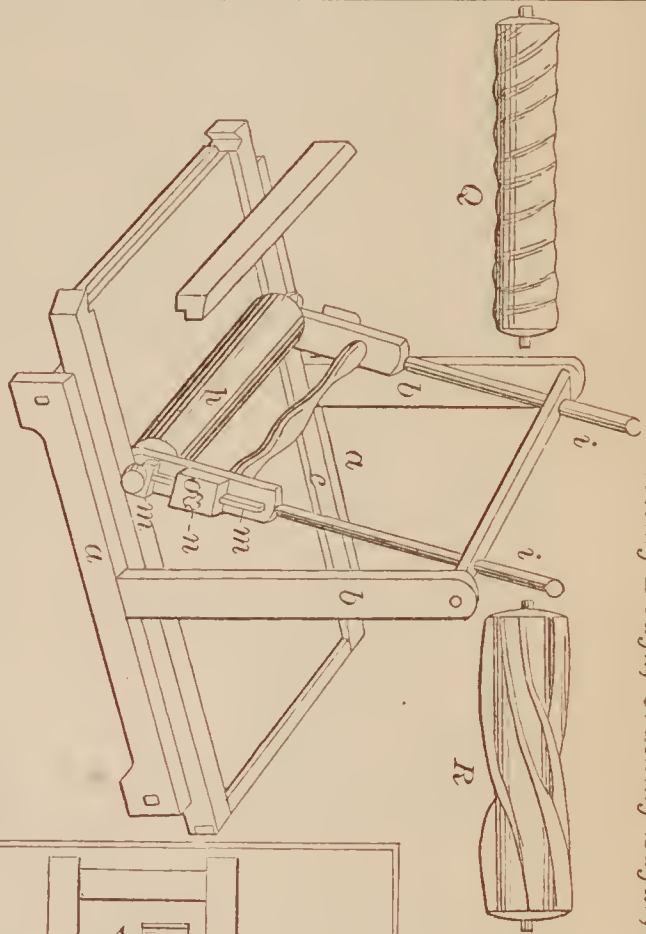
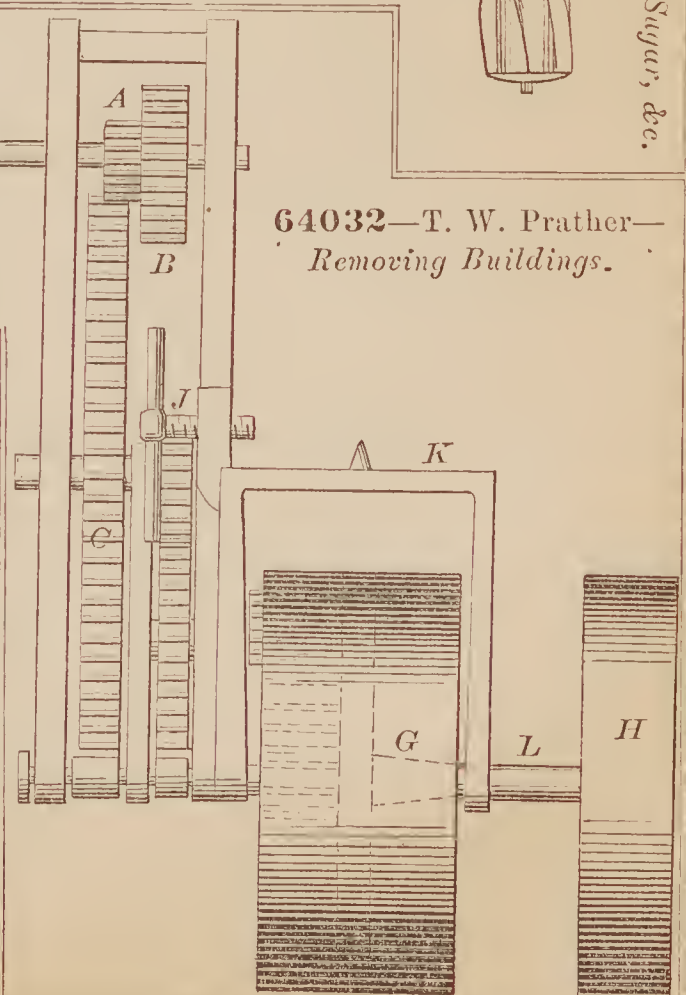


Fig. 2

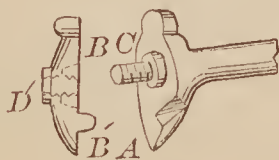


64029—G. Perkins—For Rolling Dough, Crushing Sugar, &c.

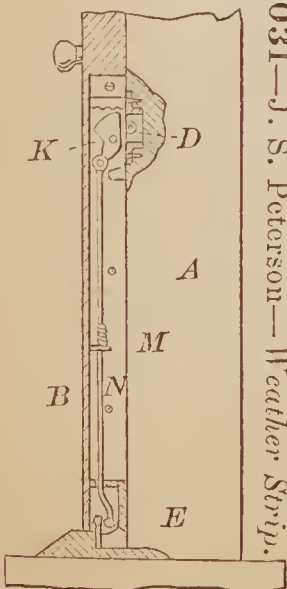
64032—T. W. Prather—
Removing Buildings.

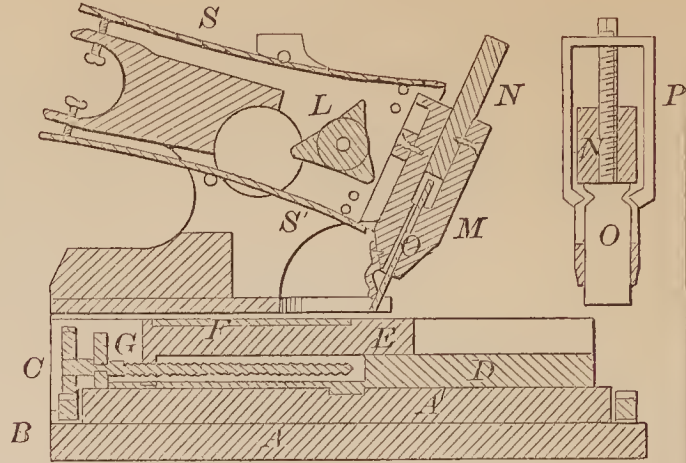
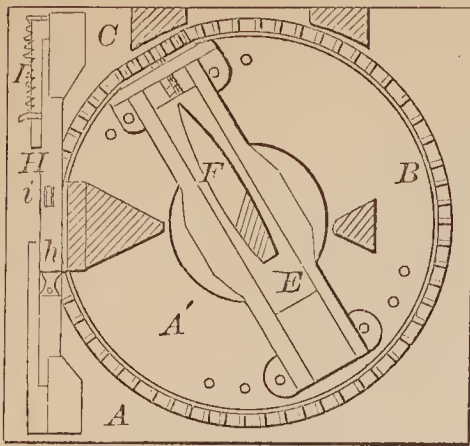
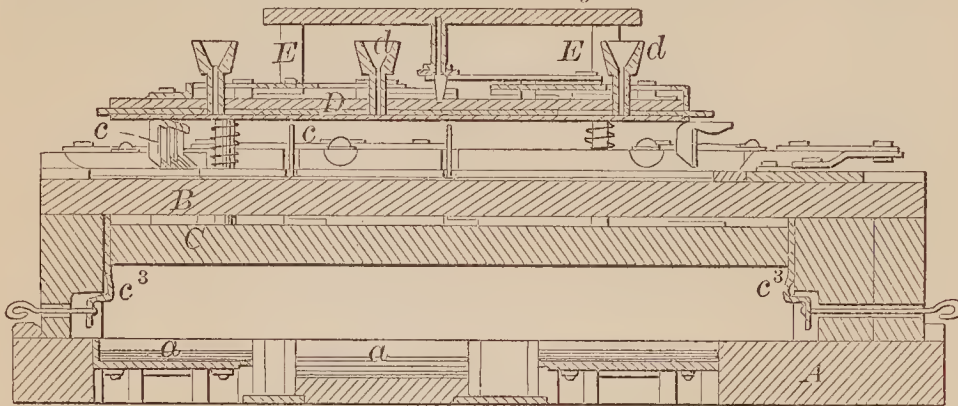
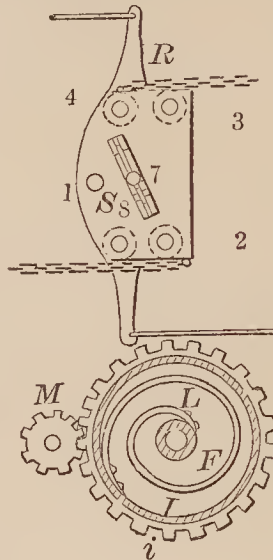
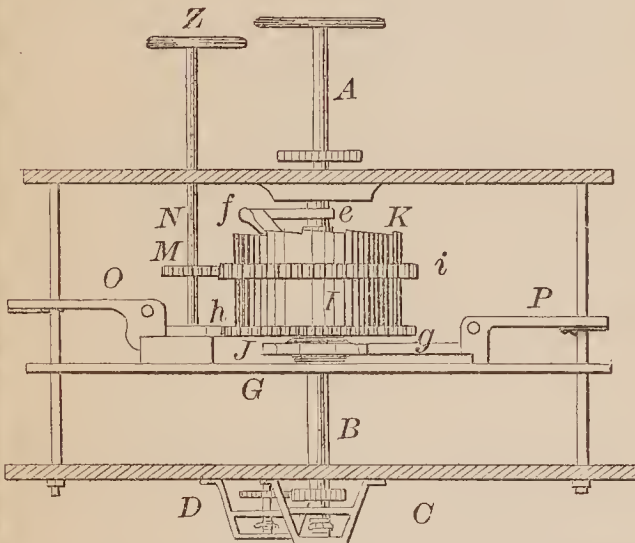
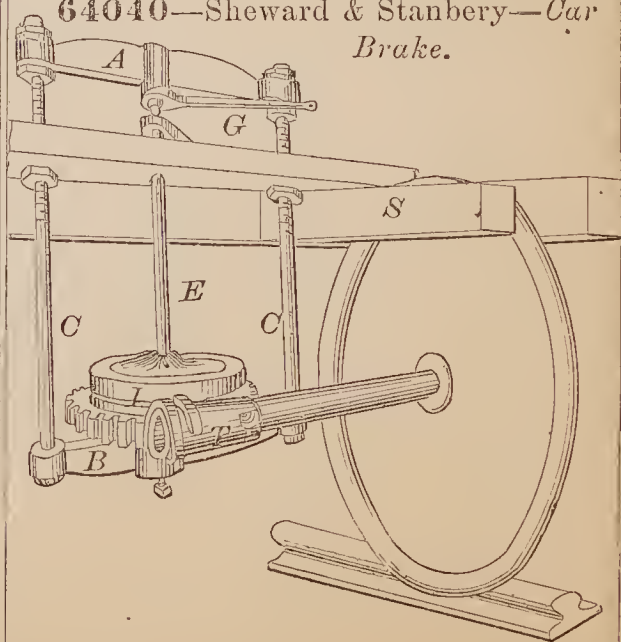
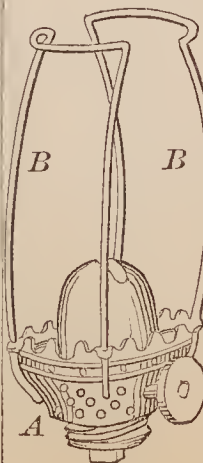
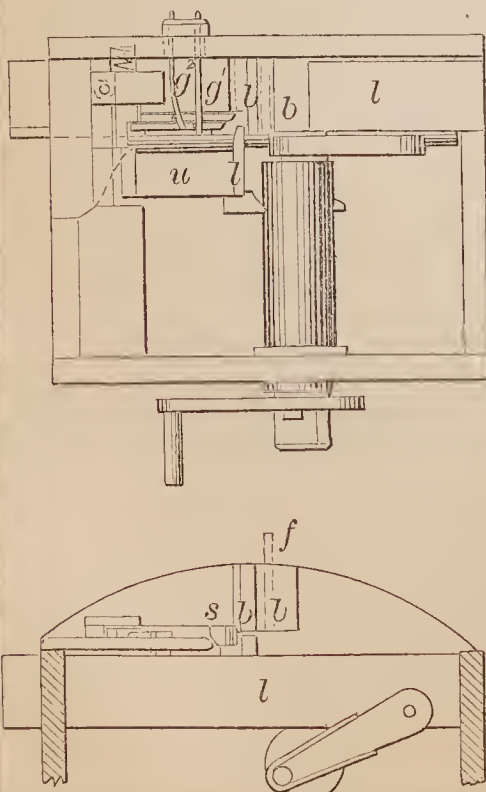


64030—S. M. Perkins—
Whiffletree Hook.

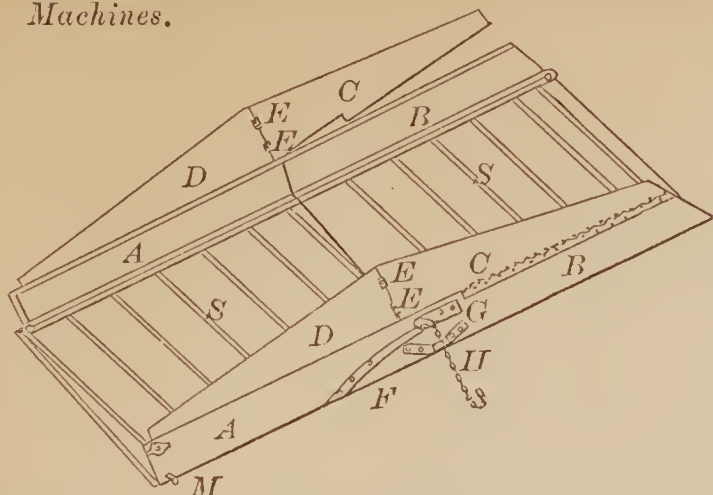


64031—J. S. Peterson—Weather Strip.

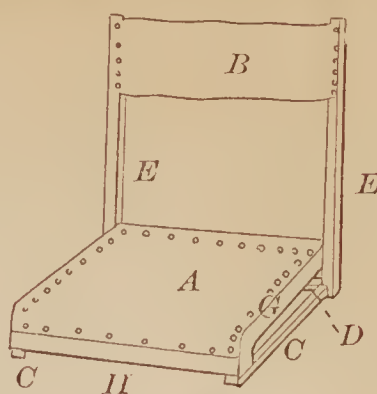


64033—A. N. Redman—*File Cutting Machine.*64038—M. & R. H. Rumrell—*For Making Book Covers.*64037—G. Rowe—*For Making Wooden Pins.*64036—J. W. Rice—*Car Brake.*64034—J. H. Reinhart—*Farm Gate.*64040—Sheward & Stanbery—*Car Brake.*64039—T. Ryder—*Chimney Holder for Lamp Burners.*64035—S. G. Reynolds—*For Making Nails.*

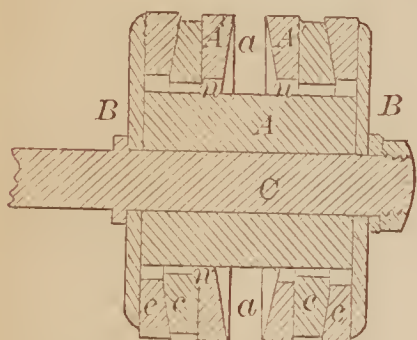
64041—B. C. Smith—*Side Board for Threshing Machines.*



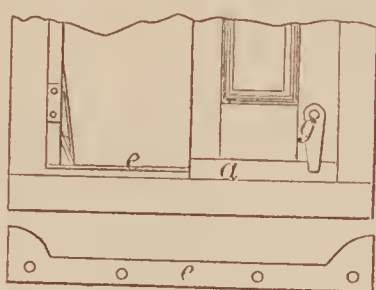
64044—M. L. Smith—*Seat and Back.*



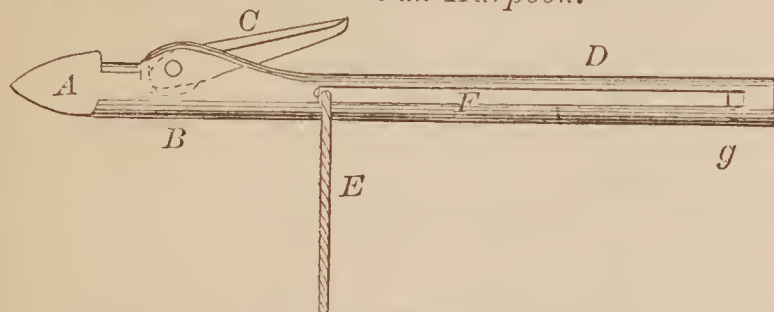
64043—J. Y. Smith—*Steam Engine Piston.*



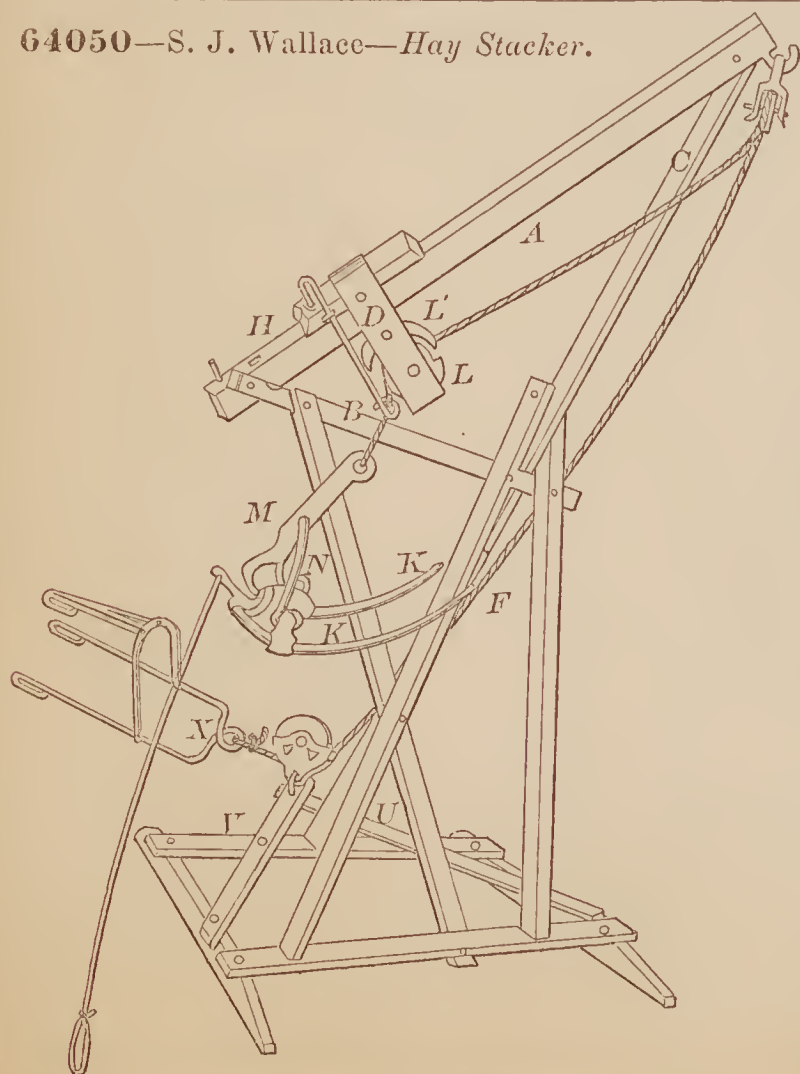
64042—G. W. Smith—*Weather Strip.*



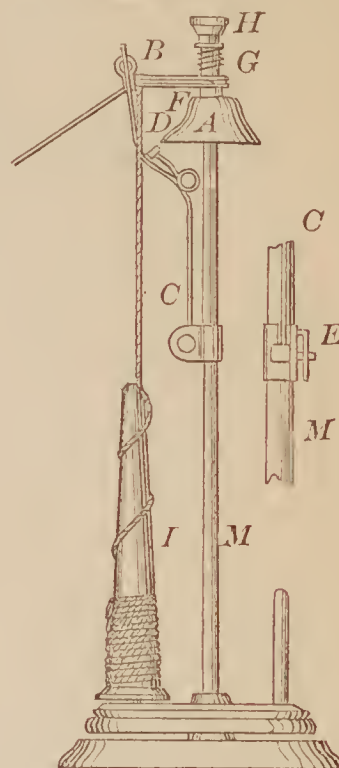
64045—R. E. Smith—*Gun Harpoon.*



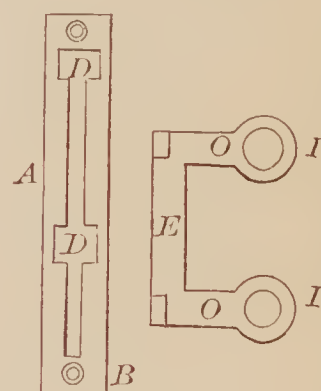
64050—S. J. Wallace—*Hay Stacker.*



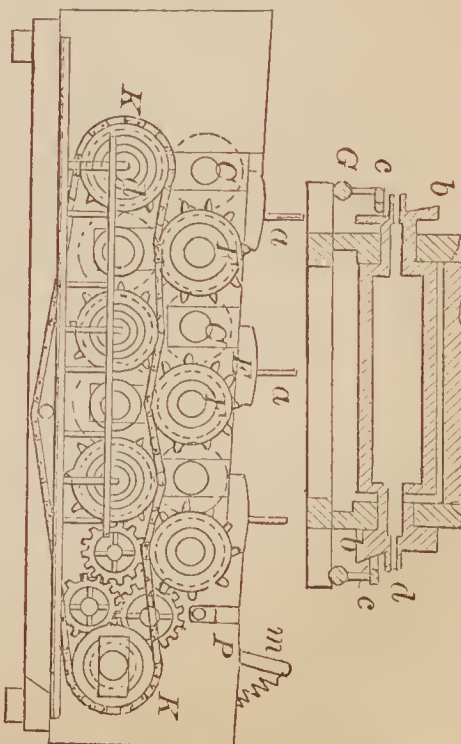
64046—J. F. Steward—*Knitting Machine.*



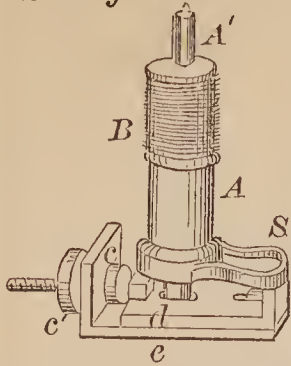
64048—Sugg & Metz—*Bedstead Fastening.*



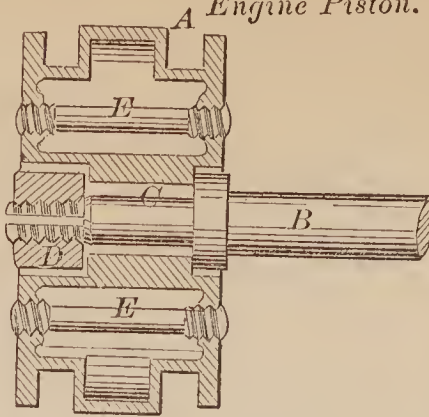
64049—J. Walber—*For Felling Hat Bodies.*



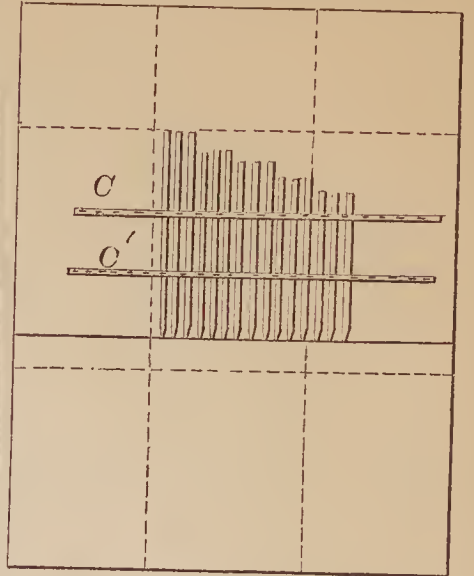
64051—W. Wheaton—*Spool Holder for Sewing Machines.*



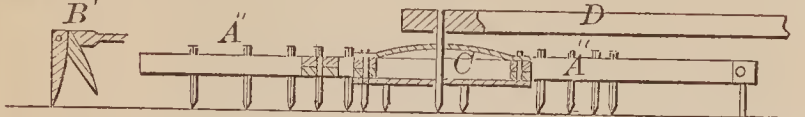
64052—J. Wheelock—*Steam Engine Piston.*



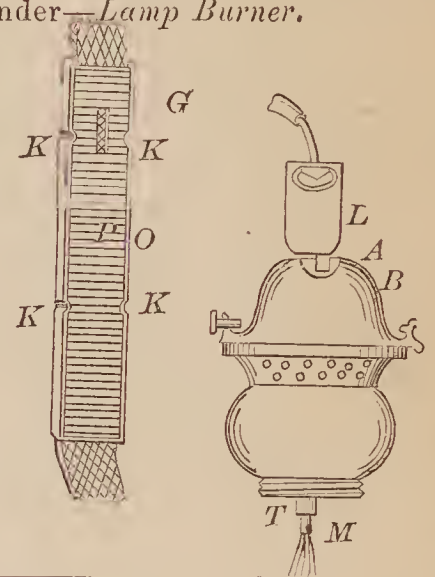
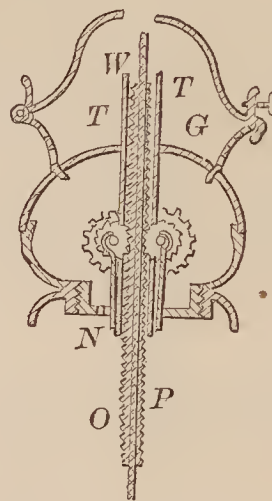
64053—J. W. Whitfield—*Needle Wrapper.*



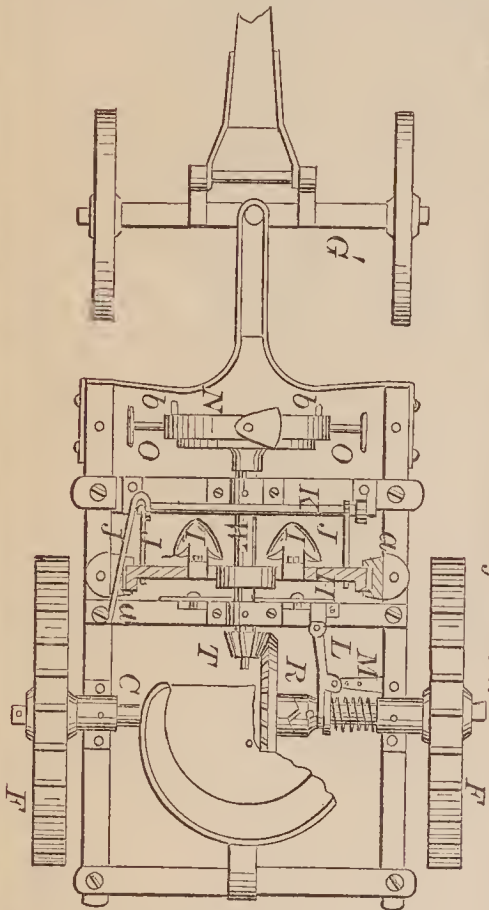
64055—A. H. Acken—*Rotary Harrow.*



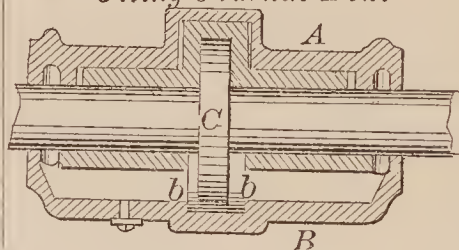
64056 J. B. Alexander—*Lamp Burner.*



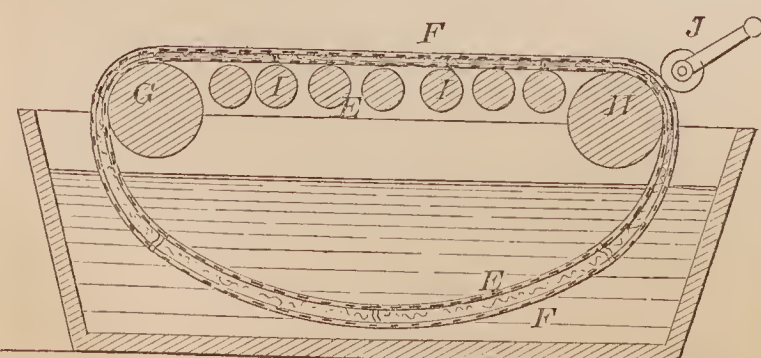
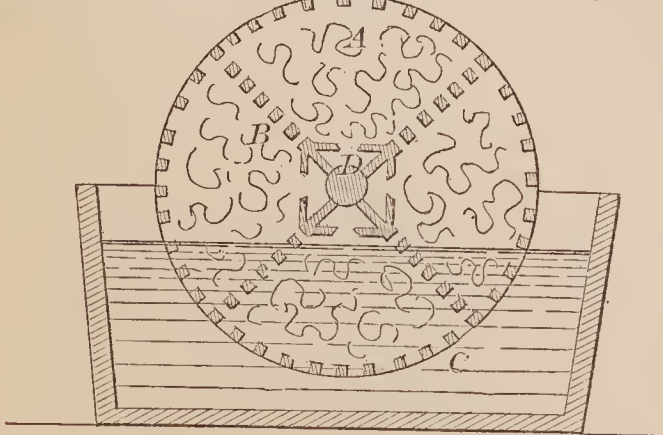
64057—W. Altick—*For Cultivating Cotton.*



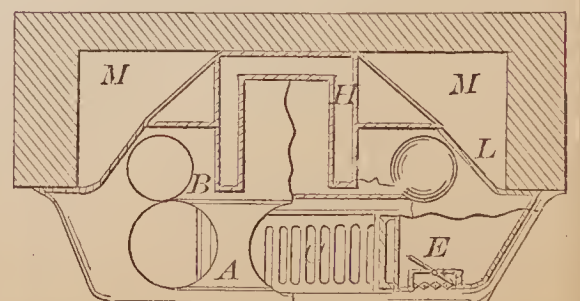
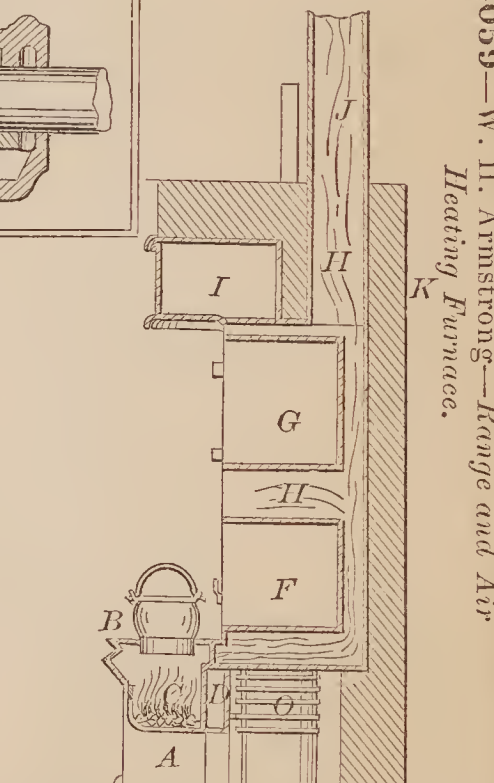
64054—J. Whitlock—*Self-Oiling Journal Box.*



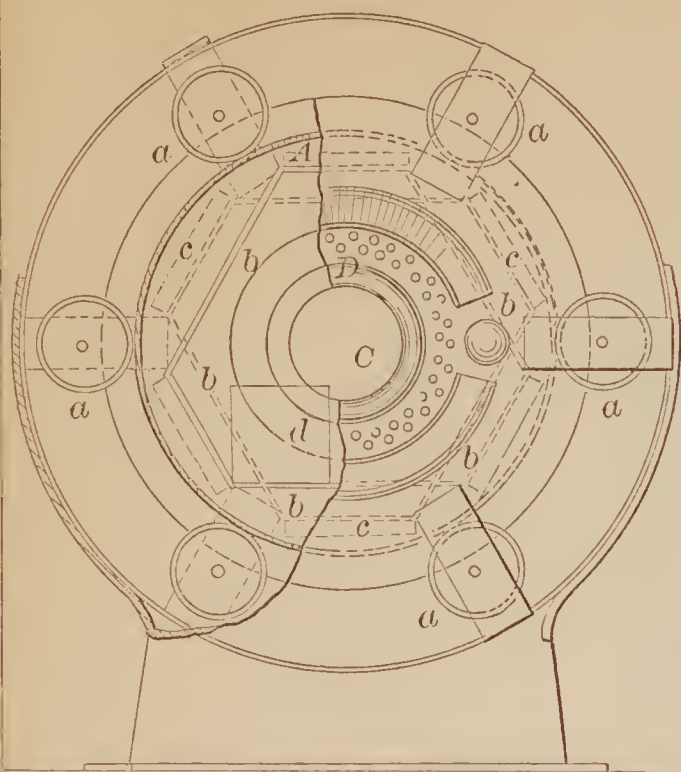
64058—A. F. & J. H. Andrews—*Treating Flax.*



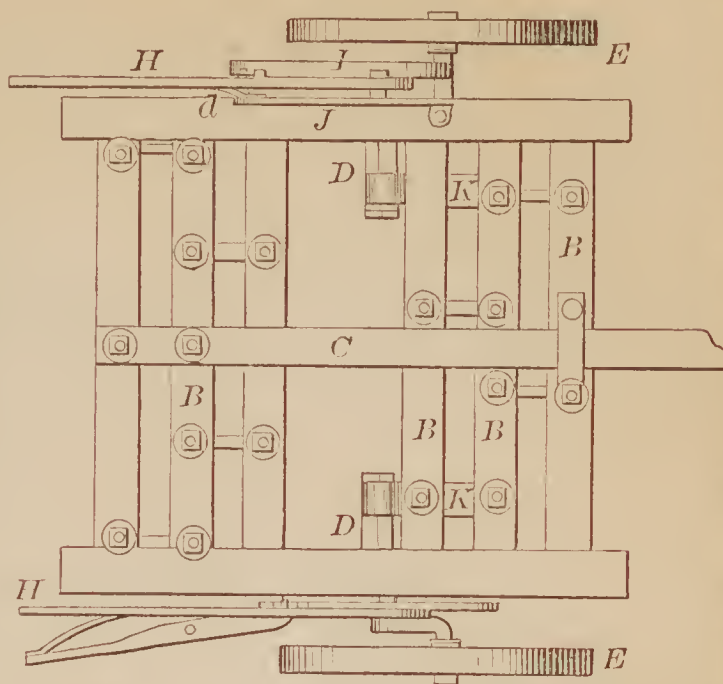
64059—W. H. Armstrong—*Range and Air Heating Furnace.*



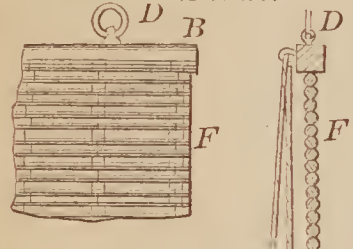
64060—R. Bailey—*Quartz Crusher.*



64061—J. Bergen—*Cultivator.*



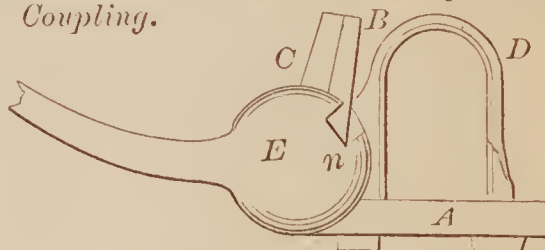
64062—A. Binner—*Window Shade.*



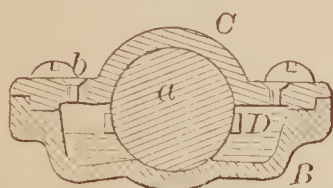
64063—J. W. Bliss—*Clothes Line.*



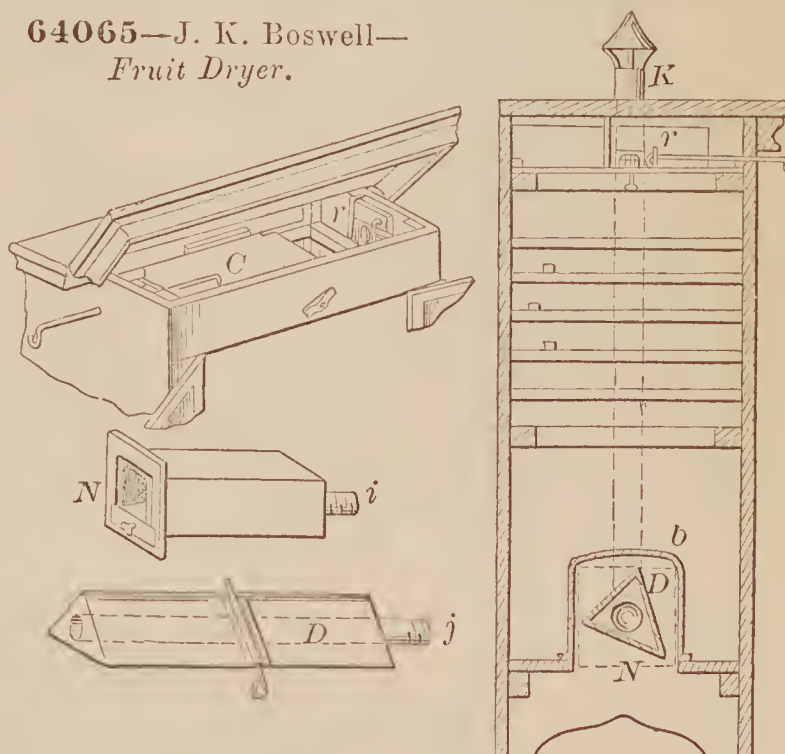
64067—J. J. Brown—*Carriage Thill Coupling.*



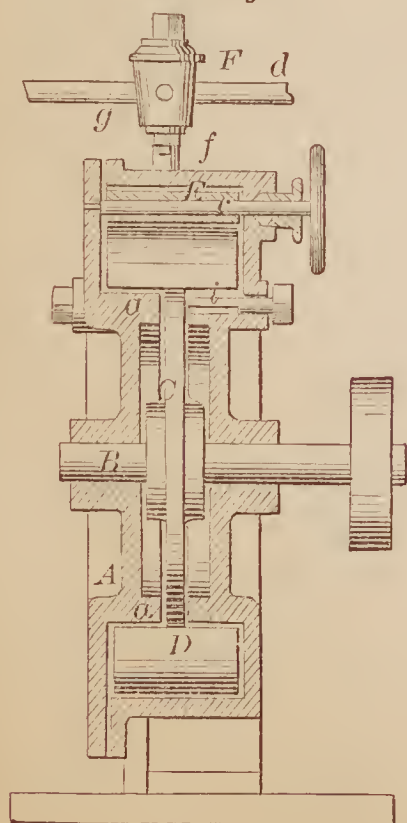
64064—S. F. Bond—*Self-Lubricating Journal Box.*



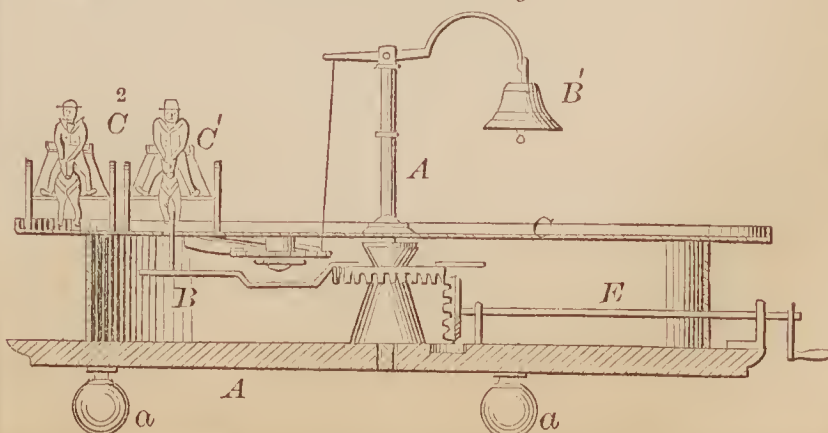
64065—J. K. Boswell—*Fruit Dryer.*

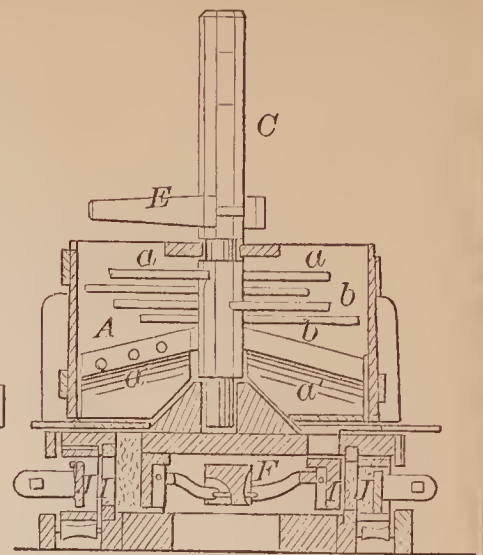
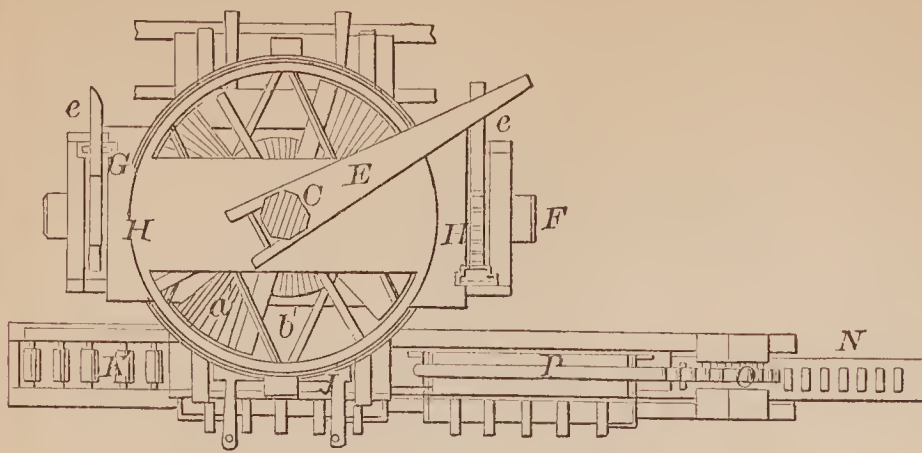
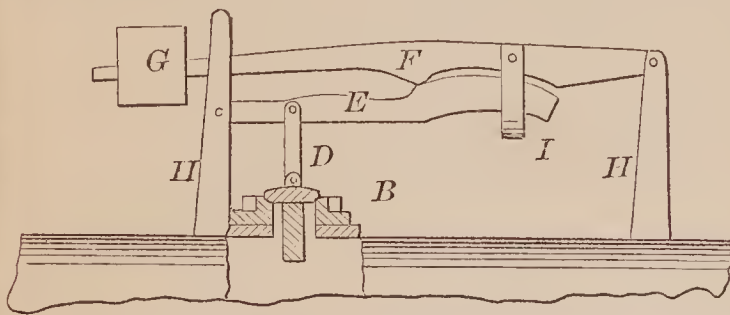
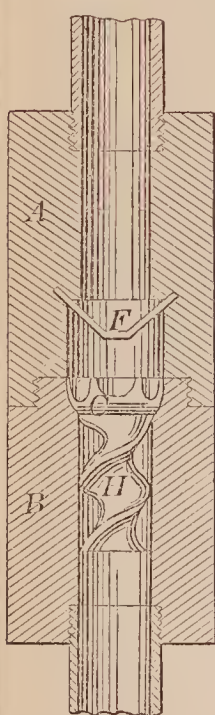
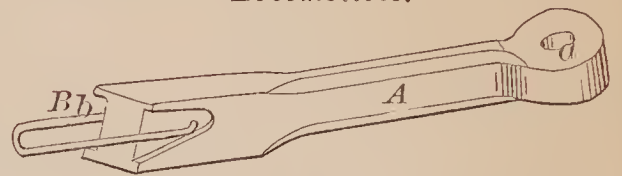
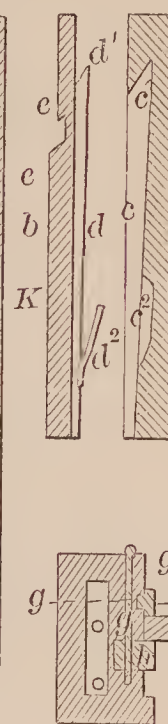
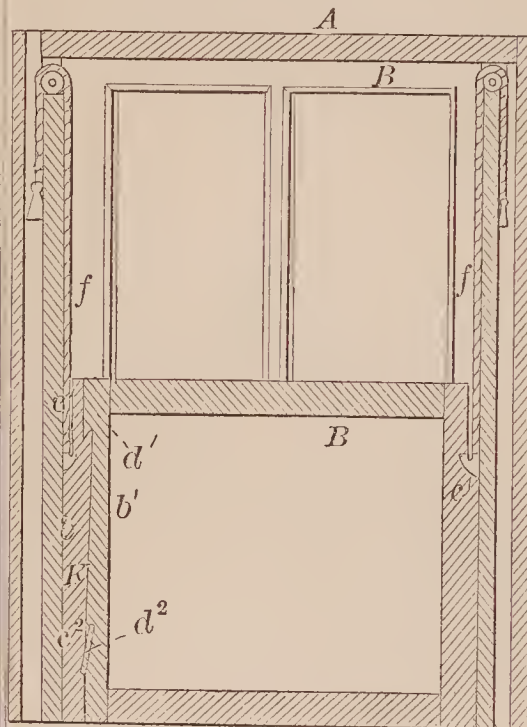
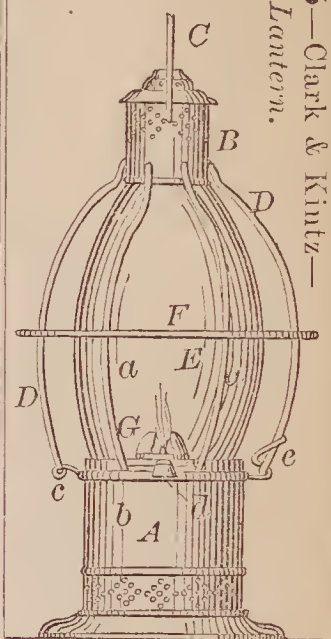
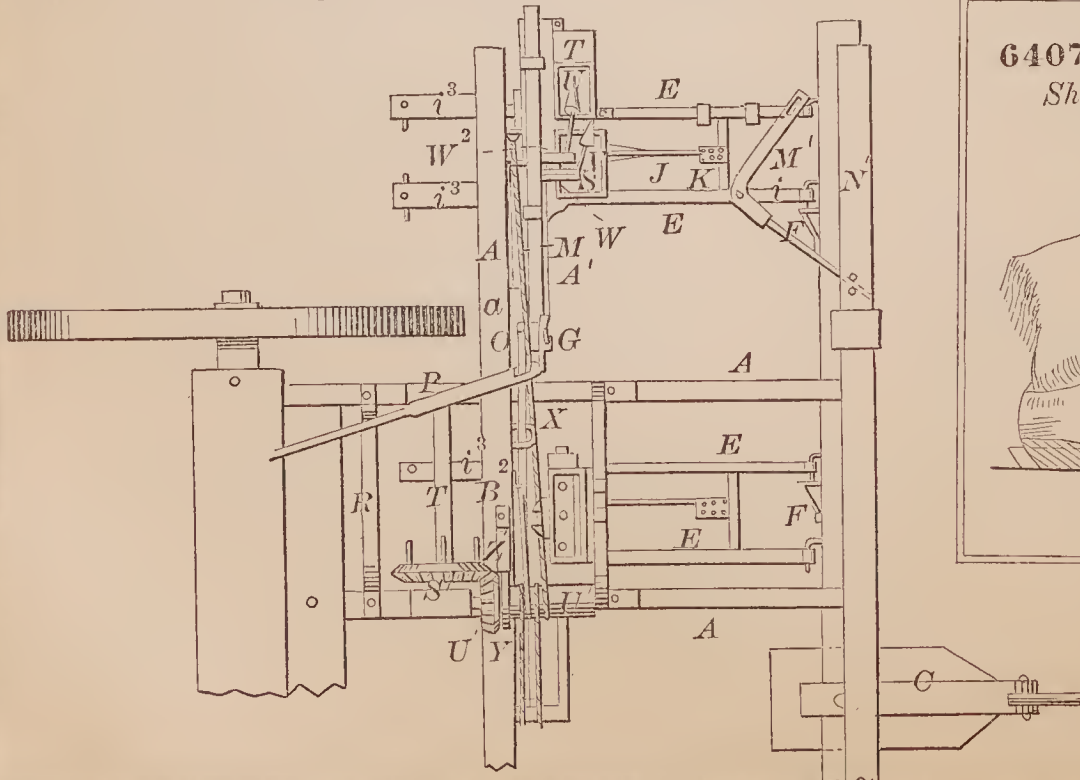
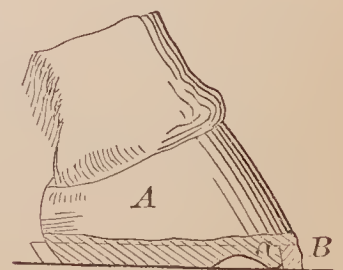


64068—S. H. Brown—*Rotary Steam Engine.*

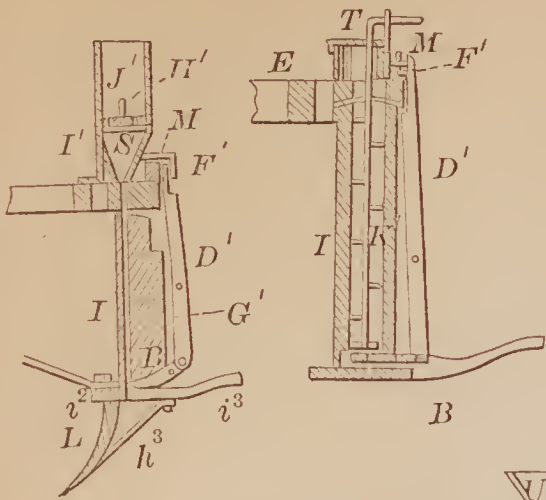


64066—L. Broad—*Child's Toy.*



64069—J. W. Burns—*Brick Machine.*64070—T. H. Burridge—*Steam Safety Valve.*64071—D. C. Cannell—*Draw Bar for Locomotives.*64072—C. E. Case—*Steam Engine Valve.*64074—E. Clark—*Window Sash Frame.*64075—Clark & Kintz—*Lantern.*64076—J. Clarridge—*Corn Planter.*64073—P. Charlier—*Shoeing Horses.*

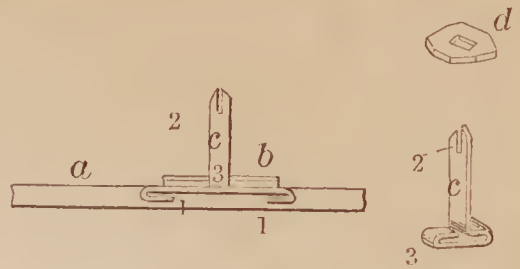
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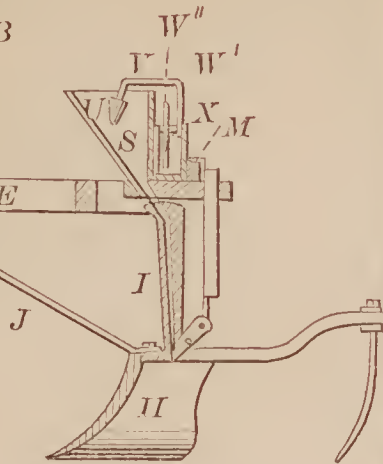
64081—T. A. Dunham—
Carpet Wadding.



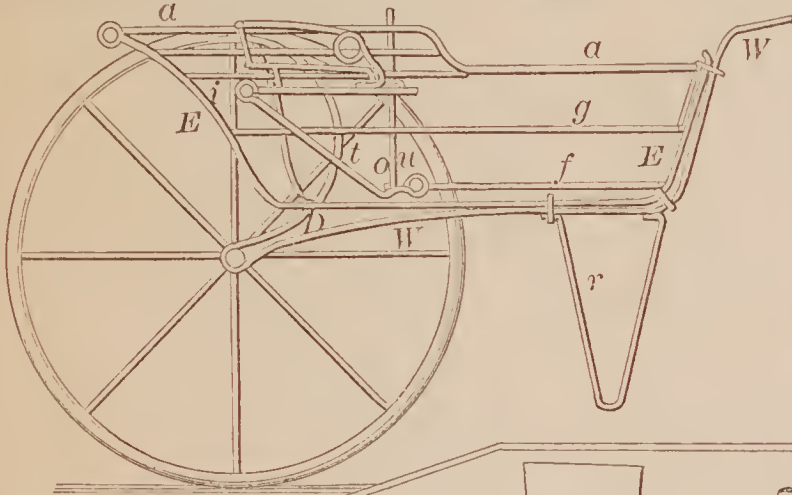
64079—L. B. Covert—Paper File.



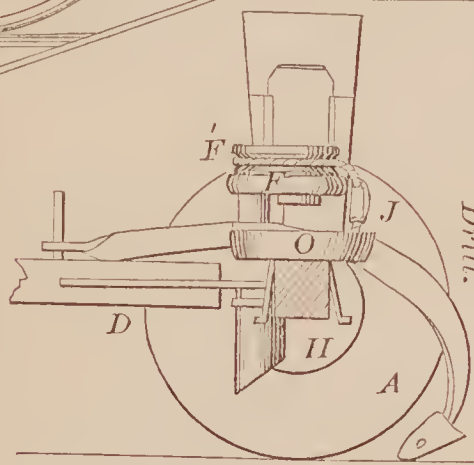
64078—B. R. Cotten—
Roll for Yarn Dressing
Machines.



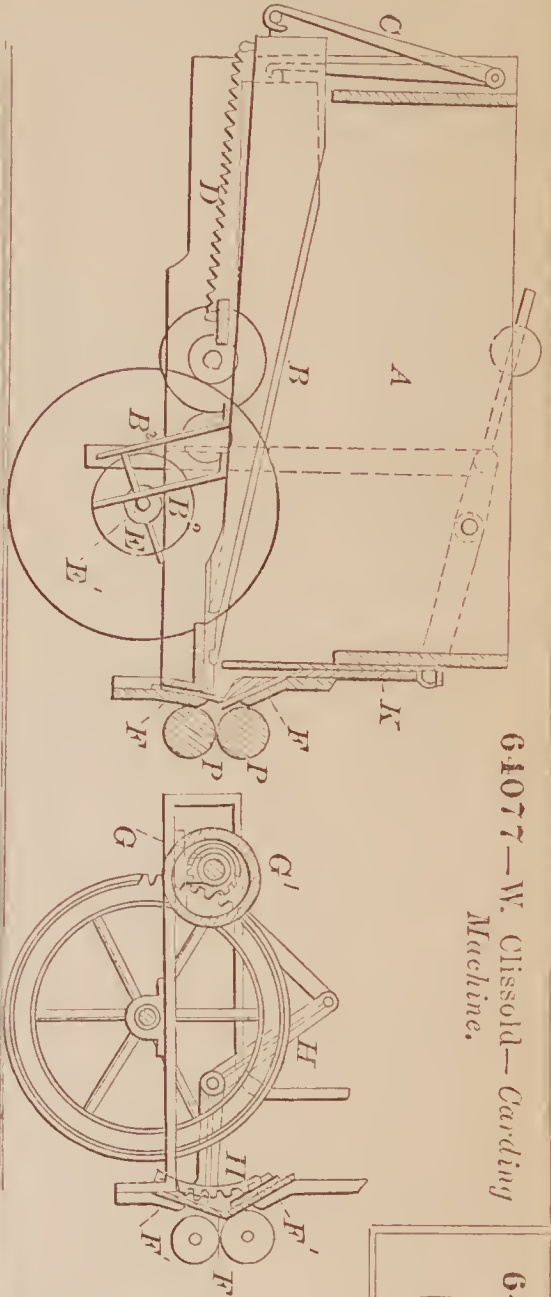
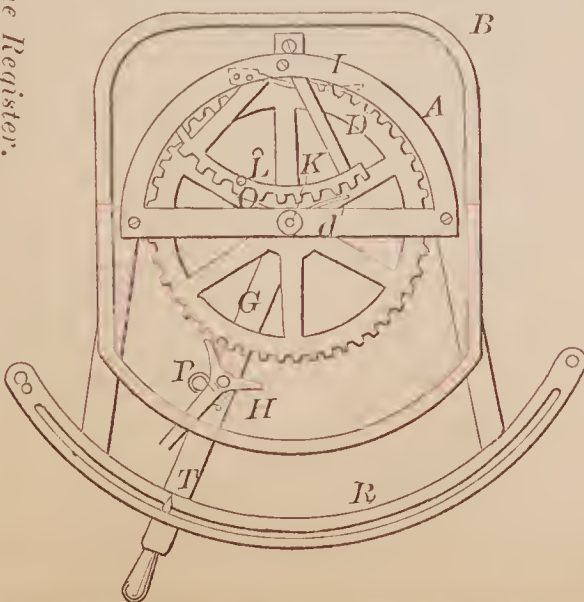
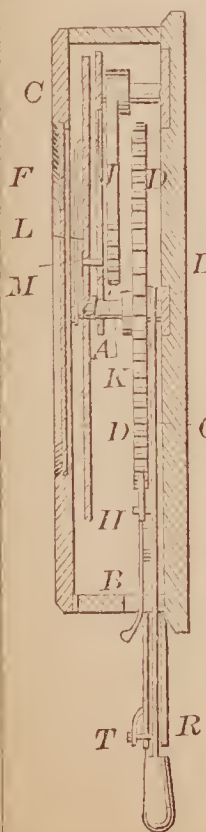
64082—A. Dick—Children's Carriage.



64080—J. Croco—Potato
Drill.

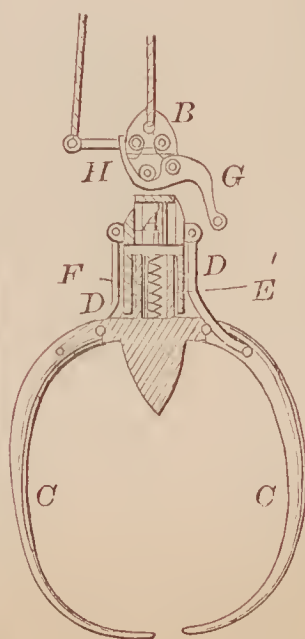


64085—J. Enright—Game Register.



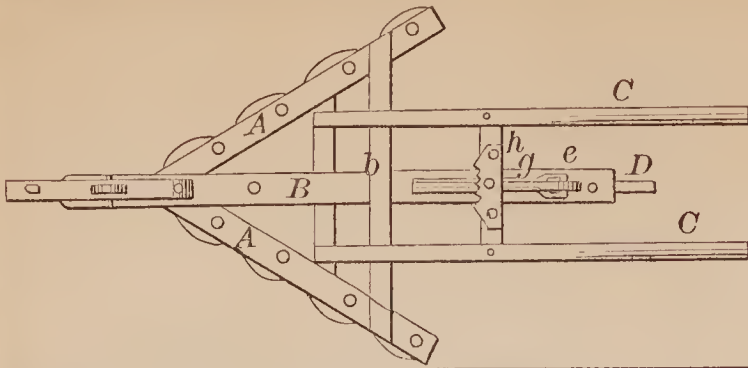
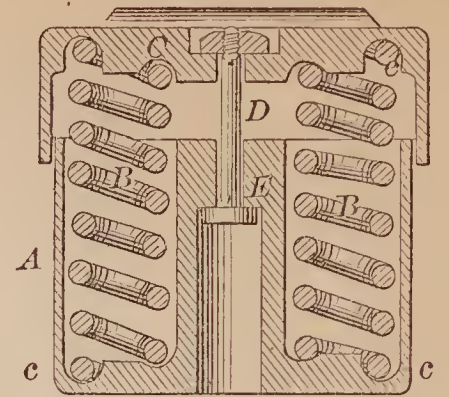
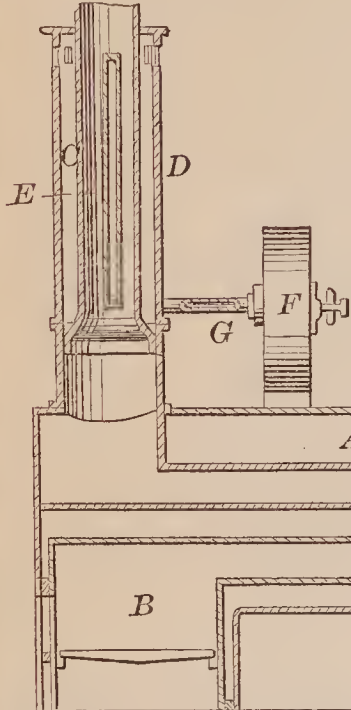
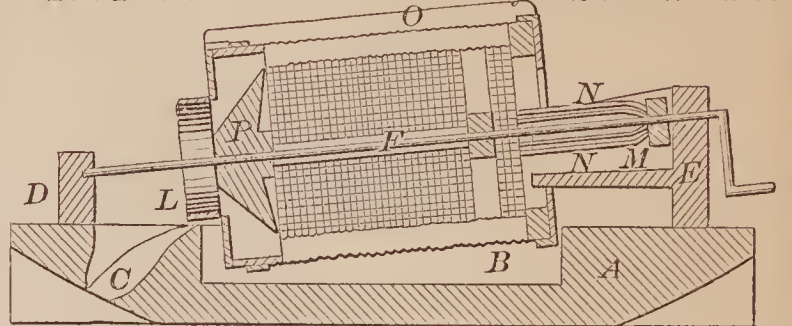
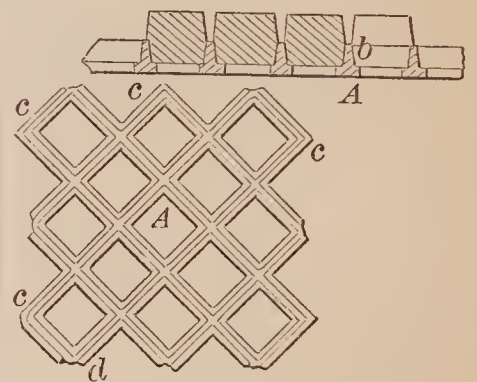
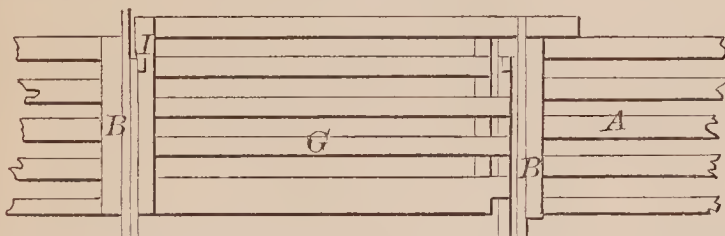
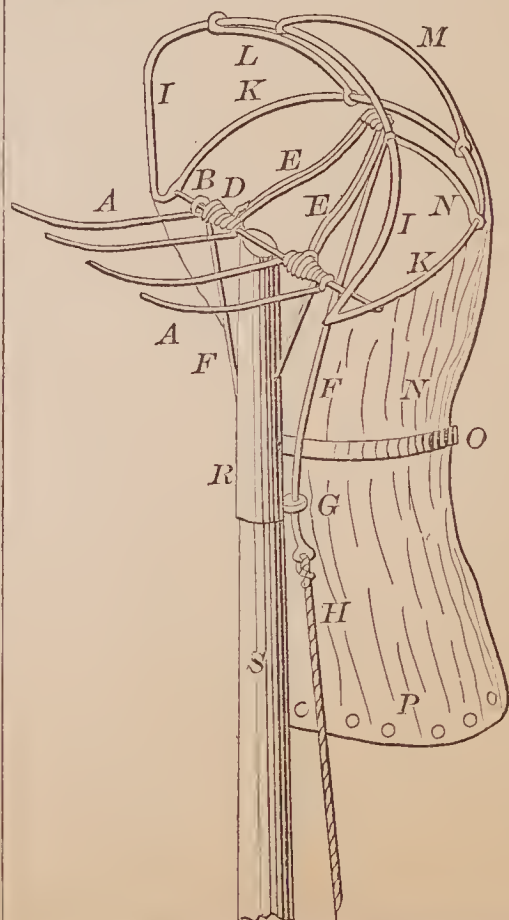
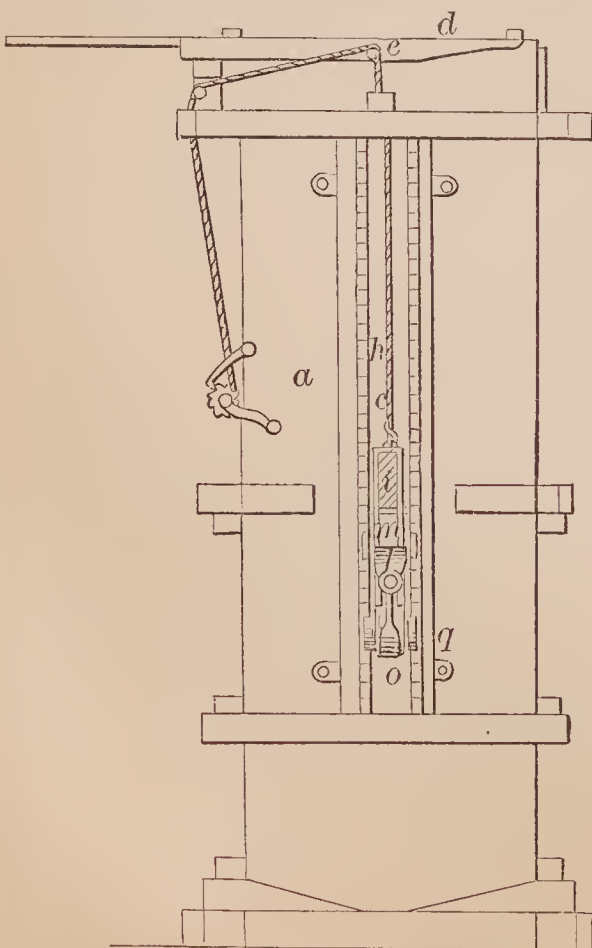
64077—W. Clissold—Carding
Machine.

64083—L. M. Doudna—Horse Hay Fork.

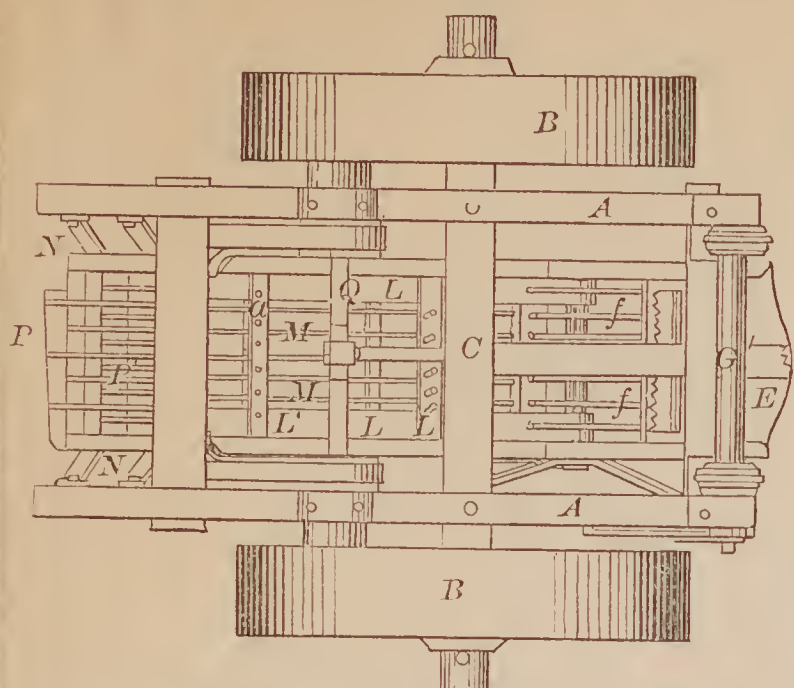


64081—J. L. Dibble—Exercising Club.

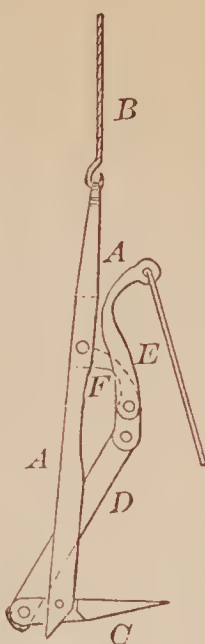


64086—O. Etnier—*Cultivator.*64087—J. W. Evans—*Car Spring.*64090—A. C. Fletcher—*Heating Apparatus for Steam Boilers, &c.*64089—E. B. Fish—*Notching Screw Heads.*64091—D. L. Furnier—*Riddle for Sand Washers.*64088—S. B. Fay—*Ticket Fastener.*64092—W. Fuzzard—*Carpet Lining.*64094—Grader & Baldwin—*Street Pavement.*64095—C. S. S. Griffing—*Fence and Gate.*64096—J. B. Haines—*Fruit Gatherer.*64093—J. Garfield—*Hay and Cotton Press.*

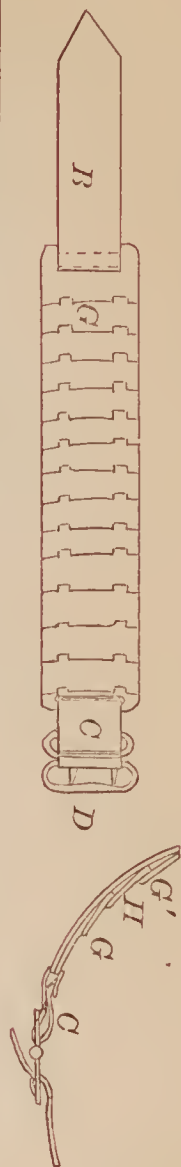
64097—M. Hall—*Potato Digger.*



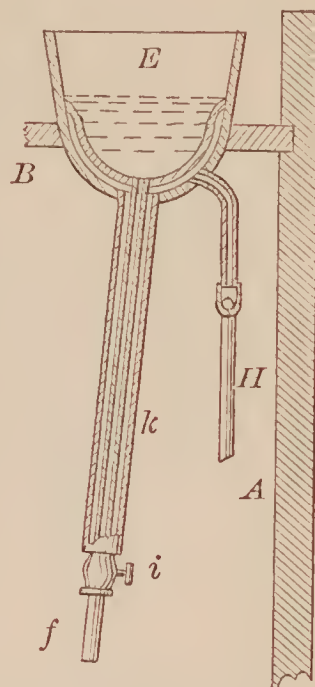
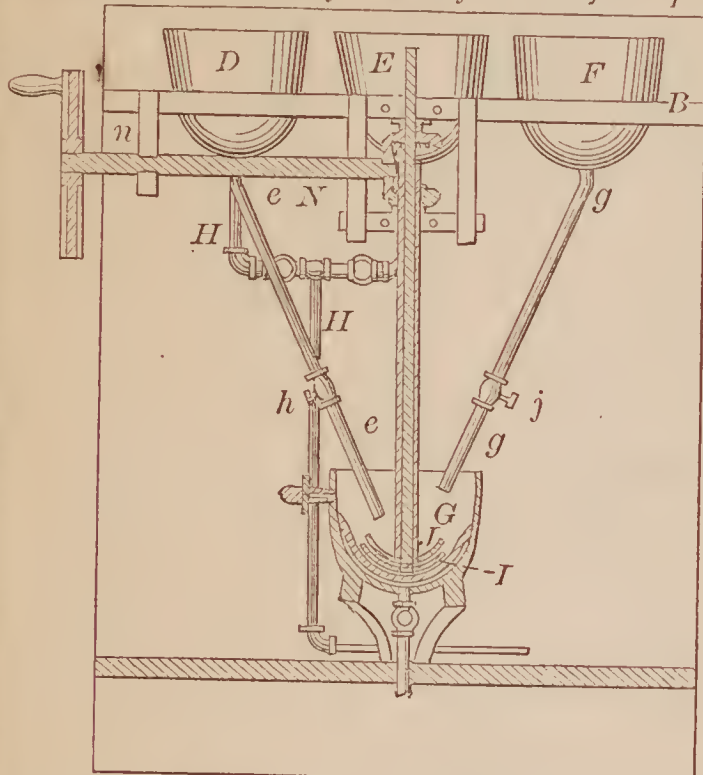
64100—S. & D. A. Harris—*Horse Hay Fork.*



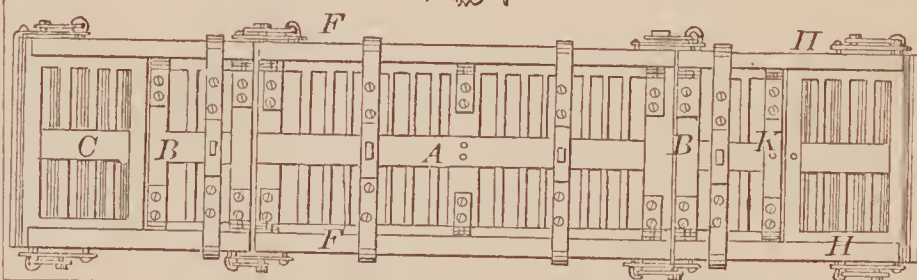
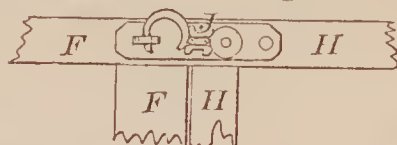
64098—T. Hall—*Voltaic Bracelet.*



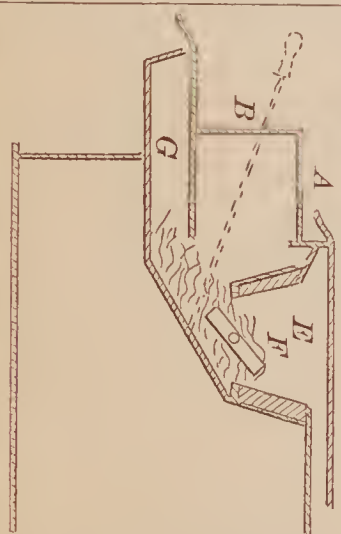
64099—C. H. Hardy—*Manufacture of Soap.*



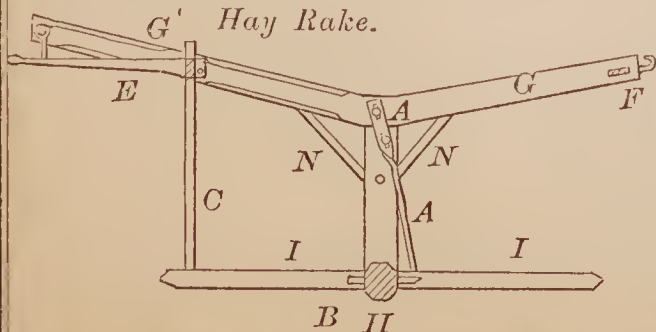
64103—J. Hegeman—*Pontoon Boat.*



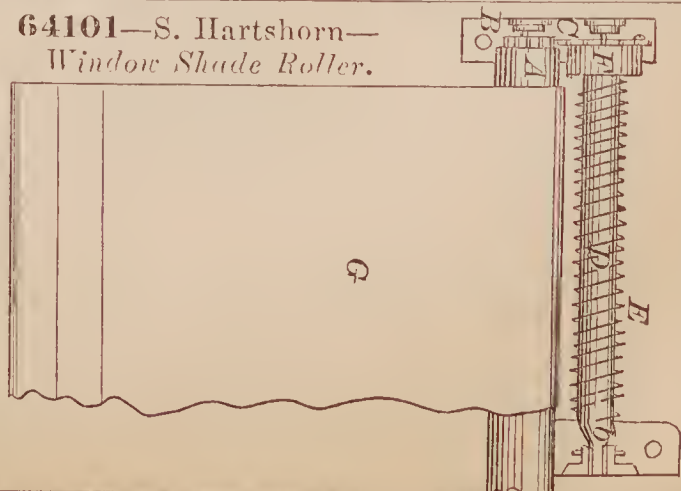
64102—E. Hawks—*Air Chamber for Stores.*

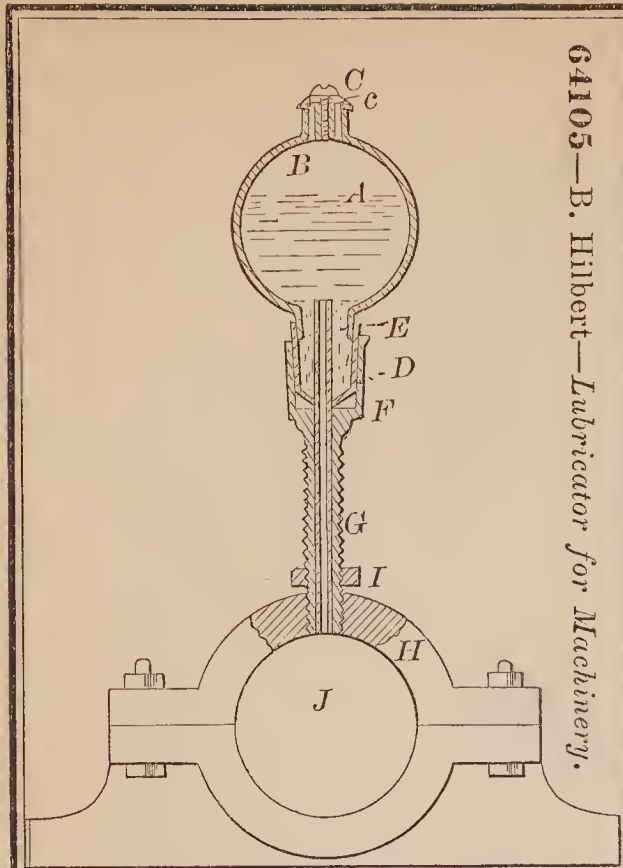


64104—T. N. Henderson—*Horse Hay Rake.*

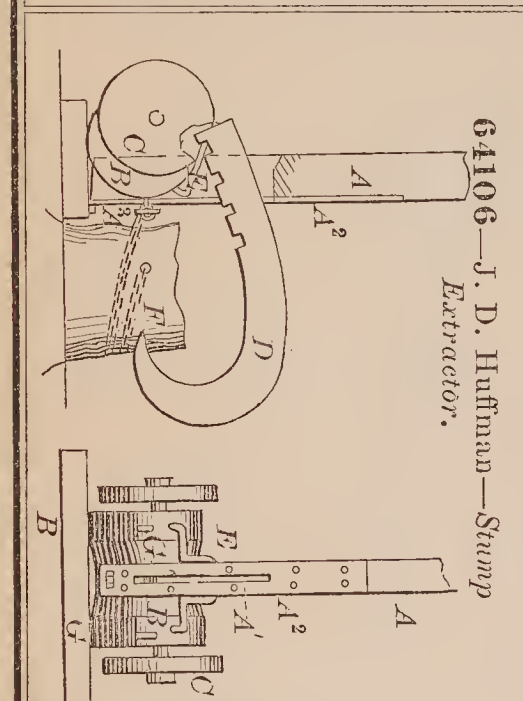


64101—S. Hartshorn—*Window Shade Roller.*

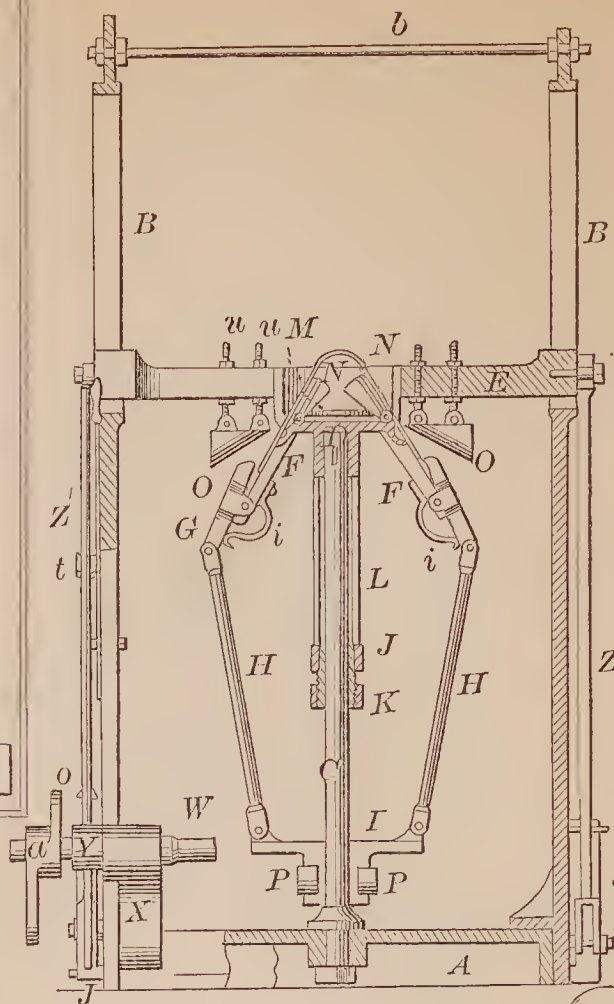




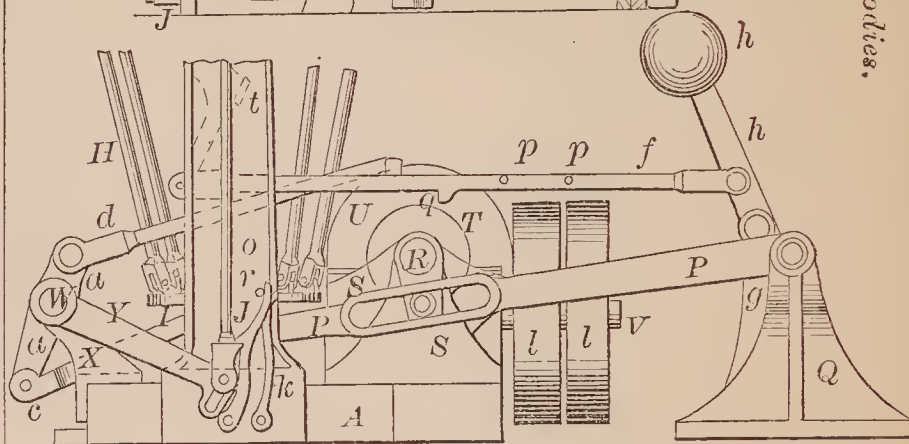
64105—B. Hilbert—Lubricator for Machinery.



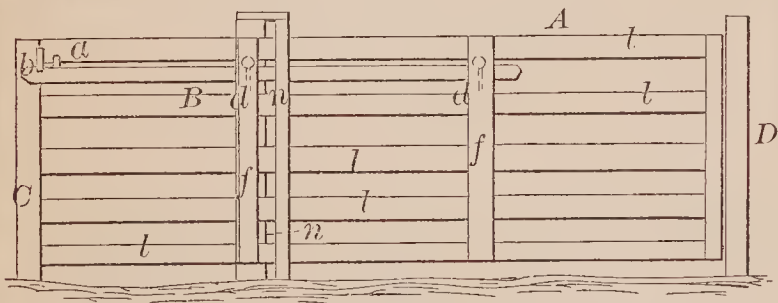
64106—J. D. Huffman—Stump Extractor.



64107—W. Humphreys, Jr.—For Blocking and Stretching Hat Bodies.

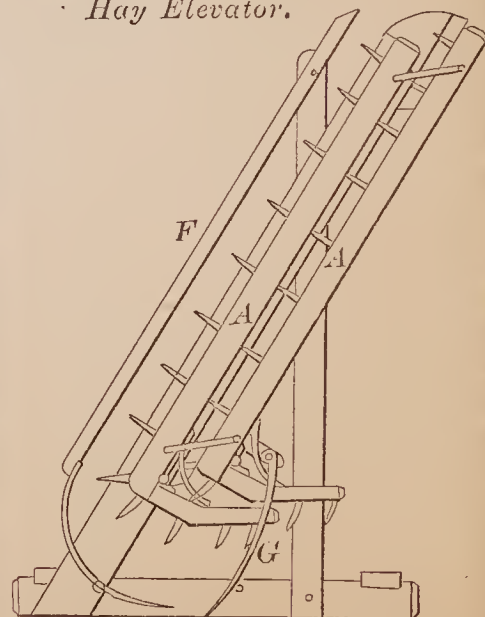


64108—A. B. Hurd—Gate.

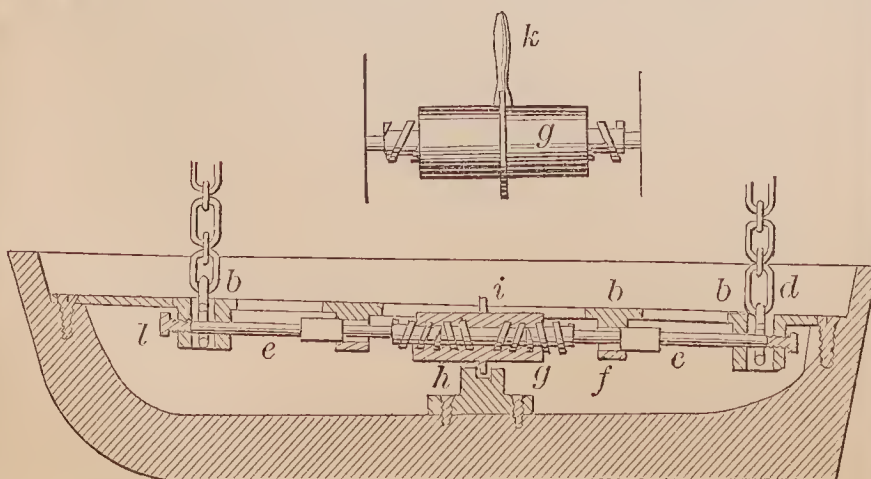


64109—A. Iske—Sash Rope Plate.

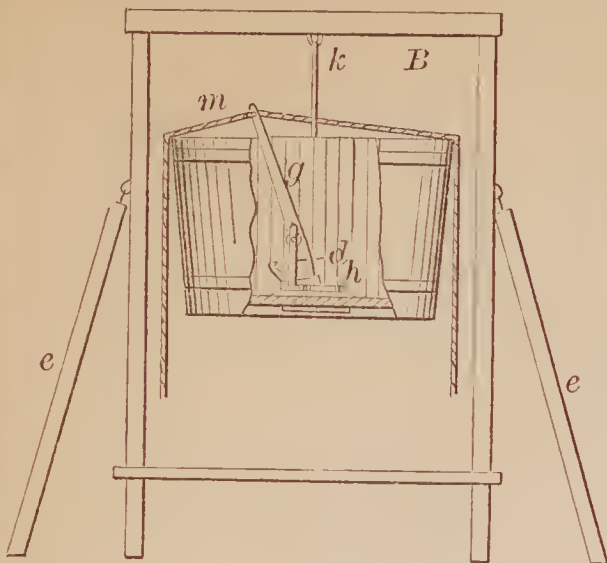
64111—J. L. Kintner—Hay Elevator.



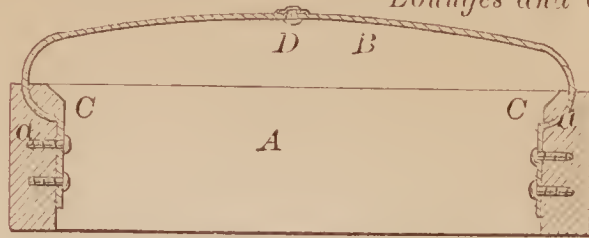
64110—P. H. Jackson—Boat Detaching Tackle.



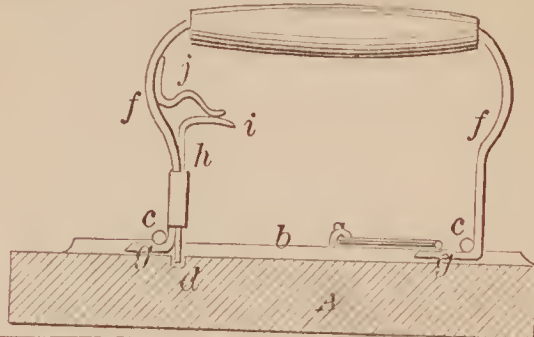
64112—D. P. Lacy—*Shower Bath.*



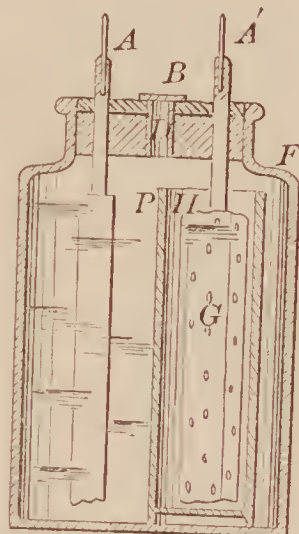
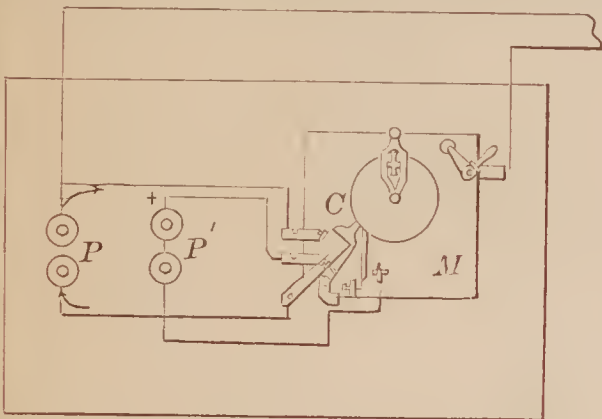
64115—Le Page & Raymond—*Seat for Lounges and Chairs.*



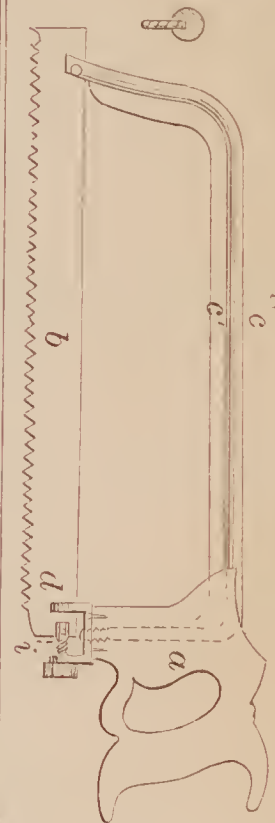
64116—E. Lewis—*Sad Iron.*



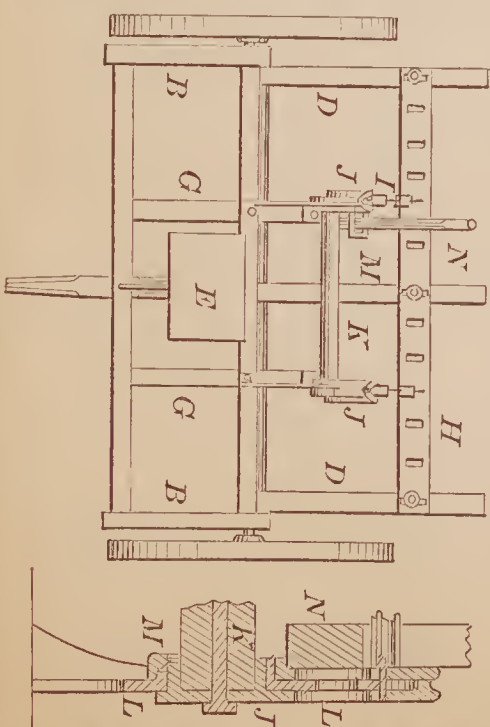
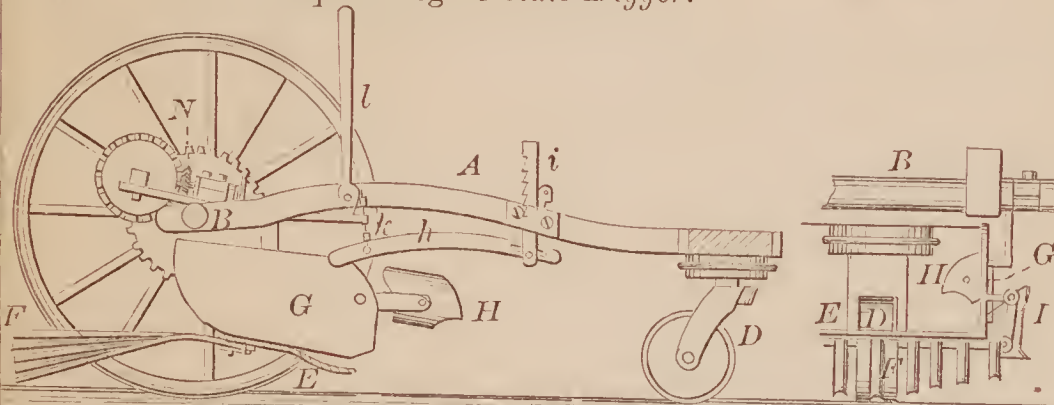
64113—G. L. Leclanché—*Galvanic Battery.*



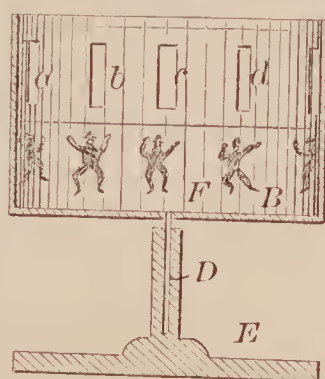
64118—W. B. Livingston—*Hand Saw.*



64114—Lenox & Spaulding—*Potato Digger.*



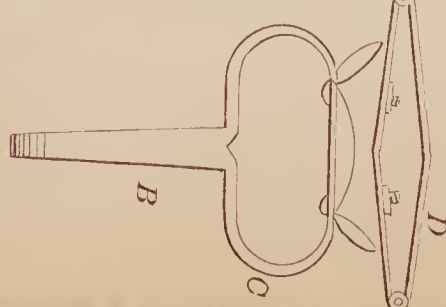
64119—Lowth & Howe—*Cultivator.*



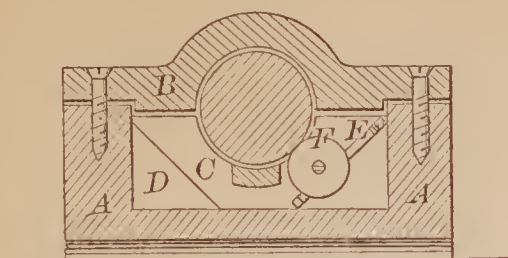
64117—W. E. Lincoln—*Toy.*



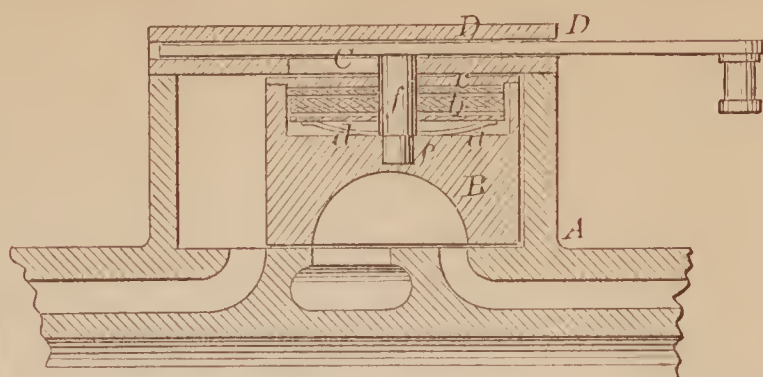
64120—J. Lunger—*Wagon Seat Supporter.*



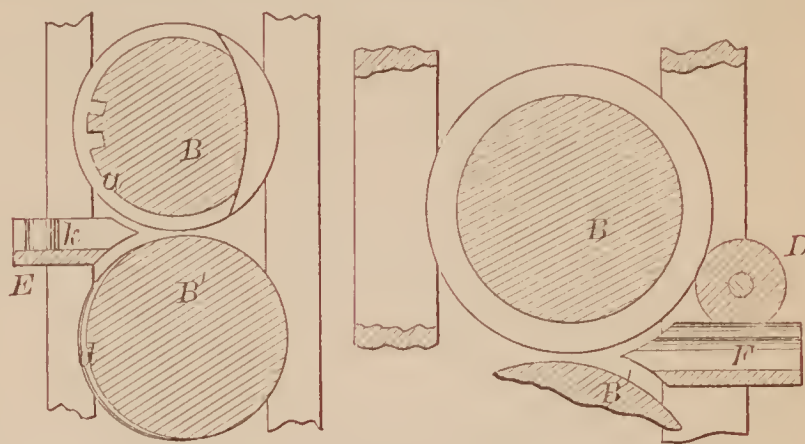
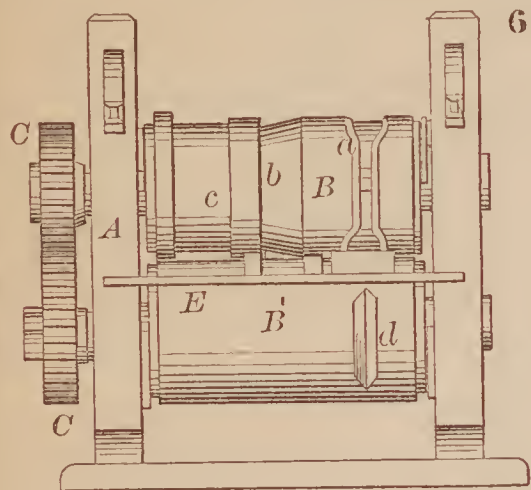
64130—G. M. Morris—*For Oiling Journal Boxes.*



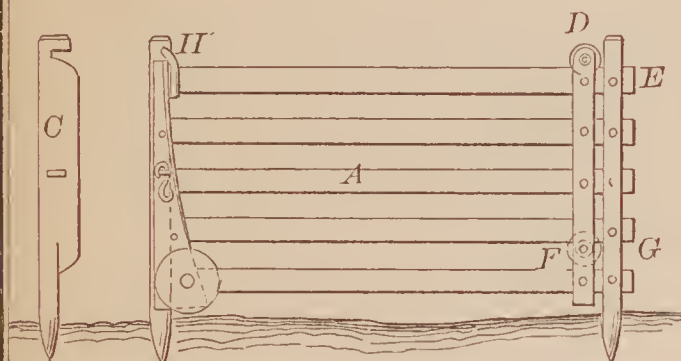
64132—G. H. Myers—*Steam Engine Slide Valve.*



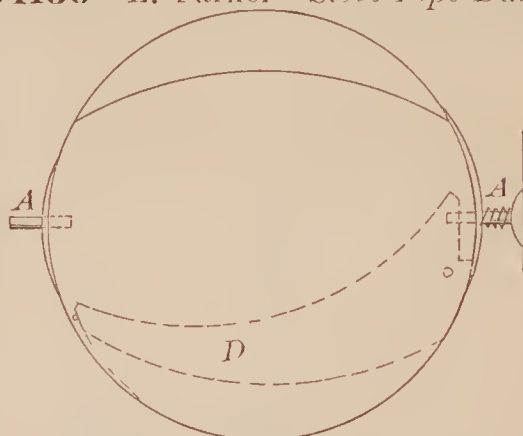
64131—F. Murray—*For Rolling Clevises and Plow Shares.*



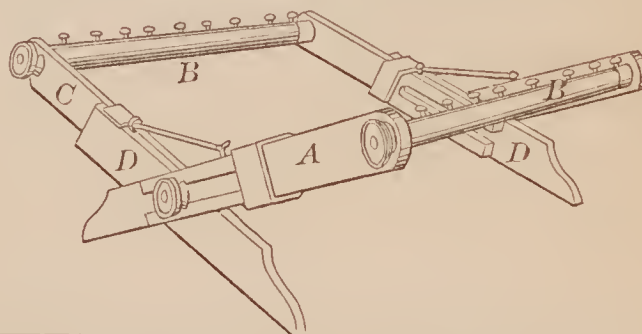
64133—J. H. Nonemaker—*Farm Gate.*



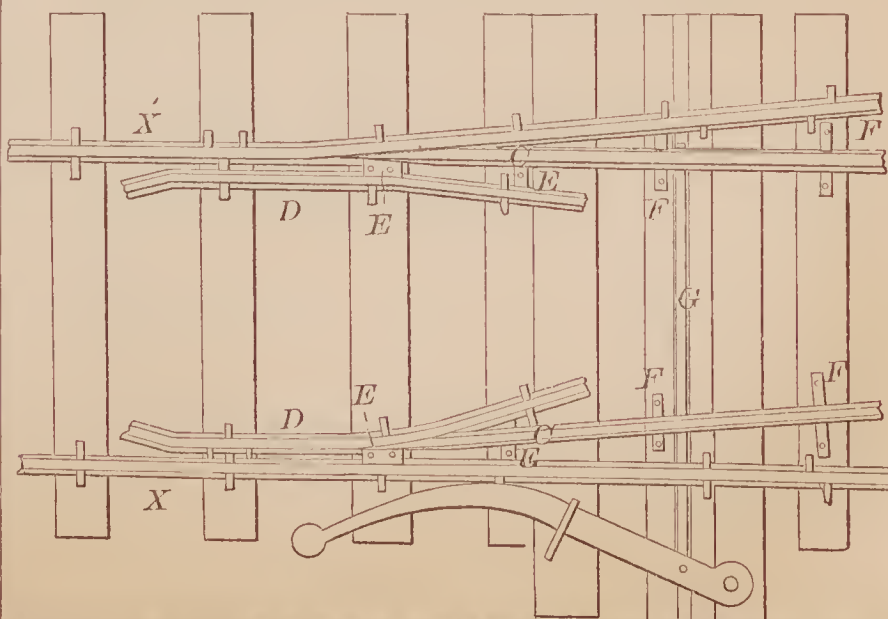
64136—E. Parker—*Stove Pipe Damper.*



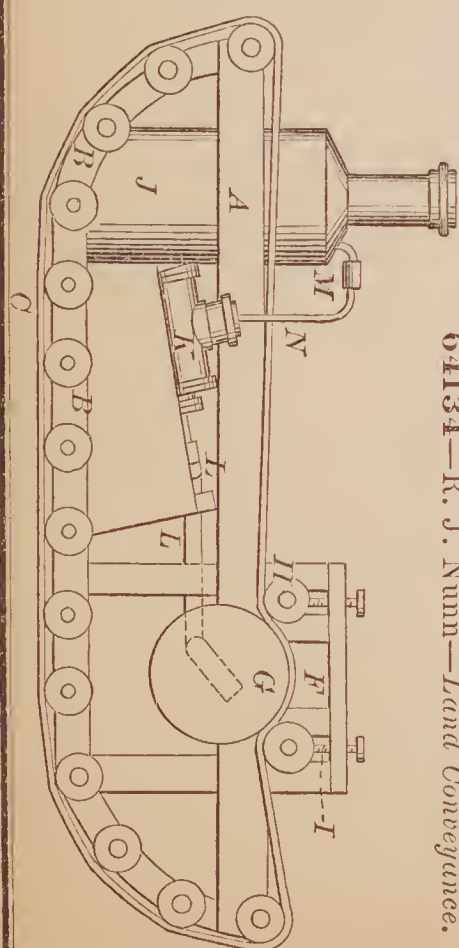
64137—B. F. Partridge—*Quilting Frame.*

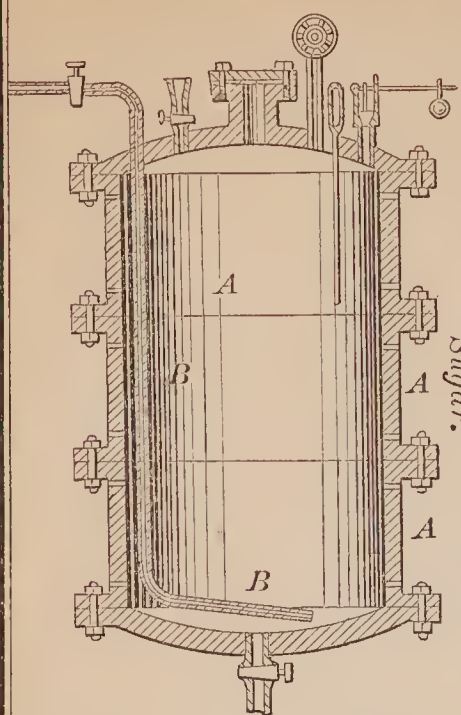


64138—Passmore & Heckert—*Railroad Switch.*

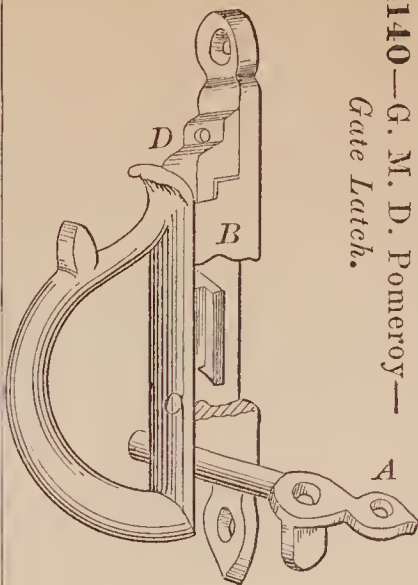


64134—R. J. Nunn—*Land Conveyance.*

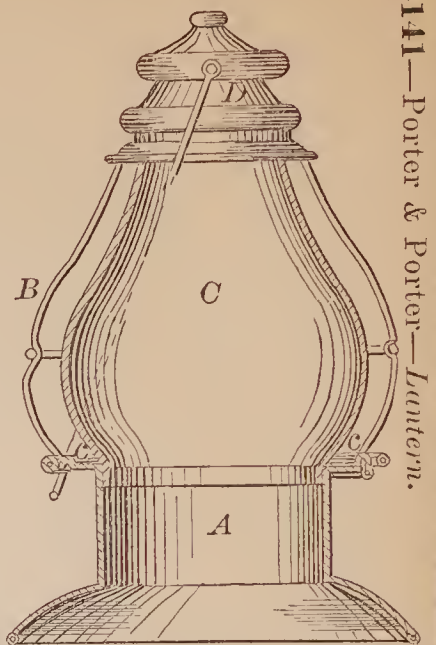




64139—N. Pigeon—*Manufacture of Starch Sugar.*

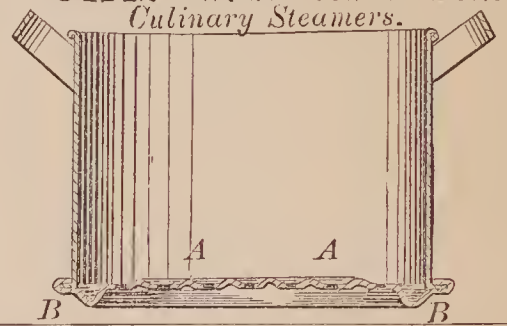


64140—G. M. D. Pomeroy—*Gate Latch.*

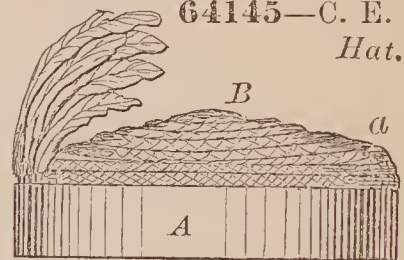


64141—Porter & Porter—*Lantern.*

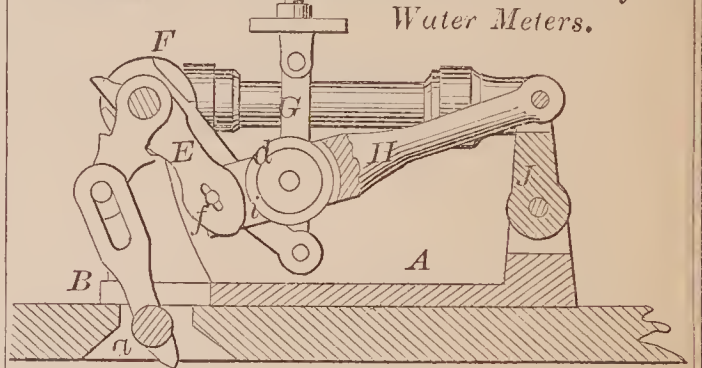
64142—W. S. Potwin—*Bottom for Culinary Steamers.*



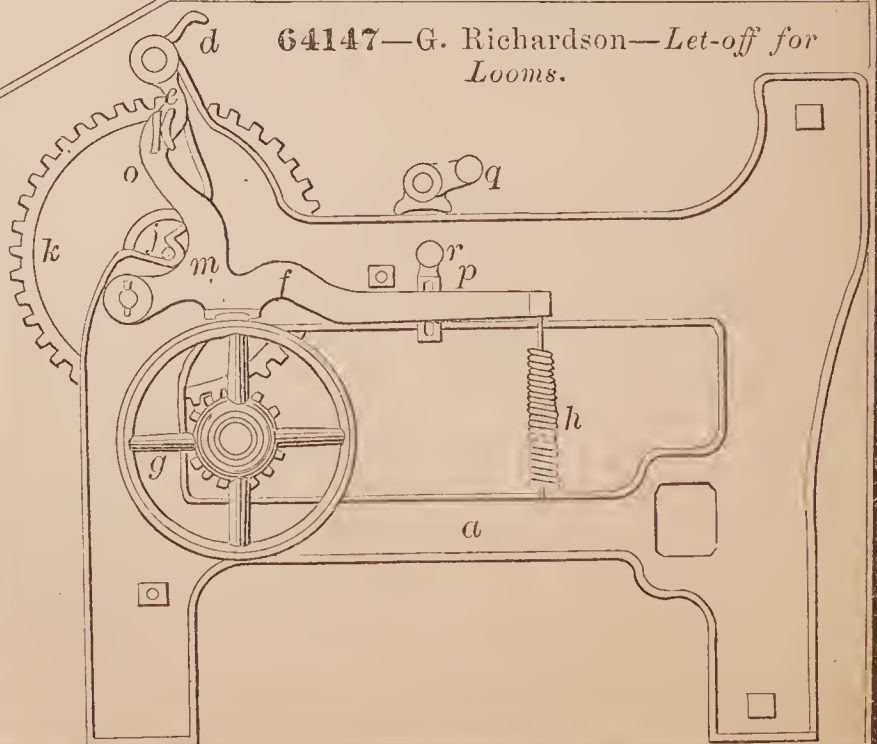
64145—C. E. Richards—*Hat.*



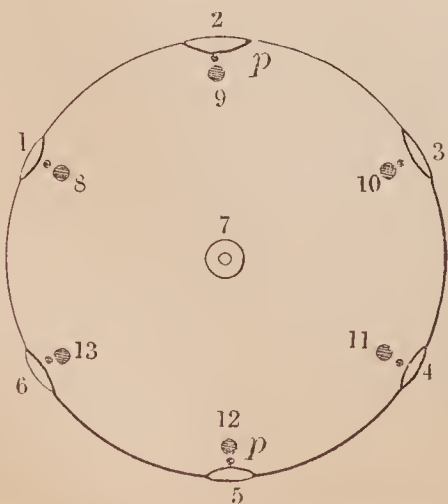
64144—J. H. Rhodes—*Valve Gear for Water Meters.*



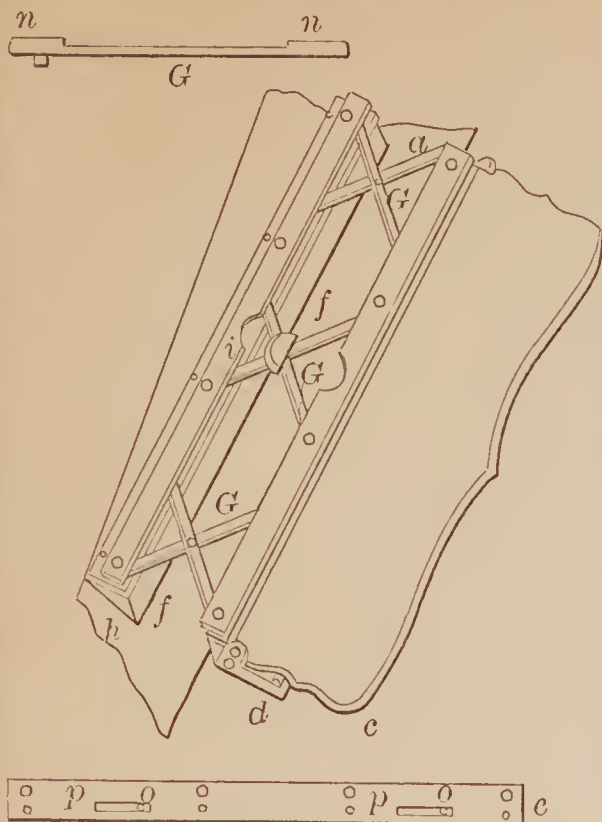
64147—G. Richardson—*Let-off for Looms.*



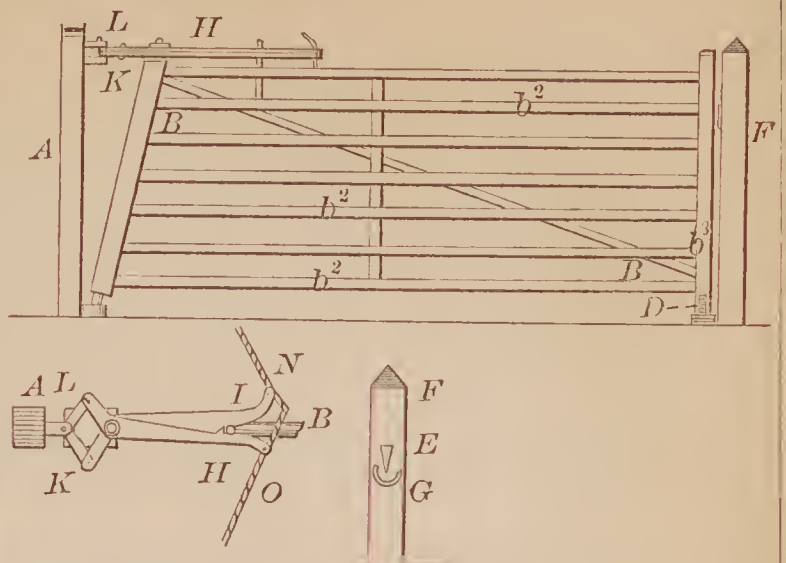
64146—C. Richardson—*Game.*



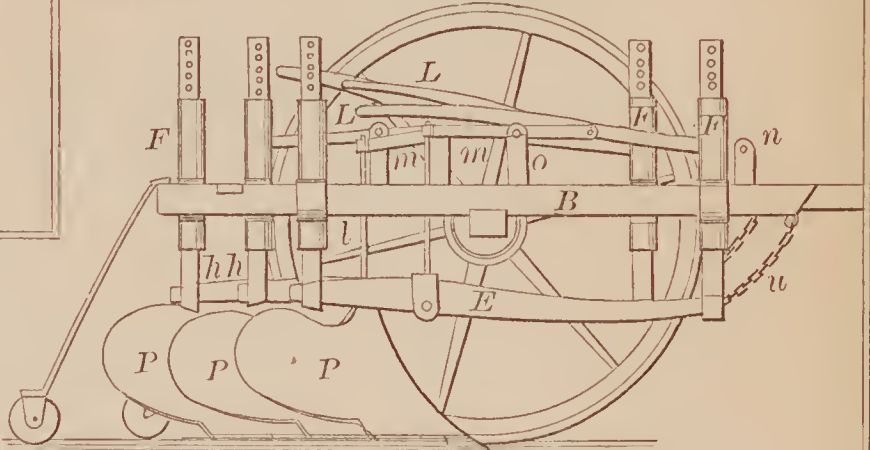
64148—F. X. Rzy—*Musical Desk.*



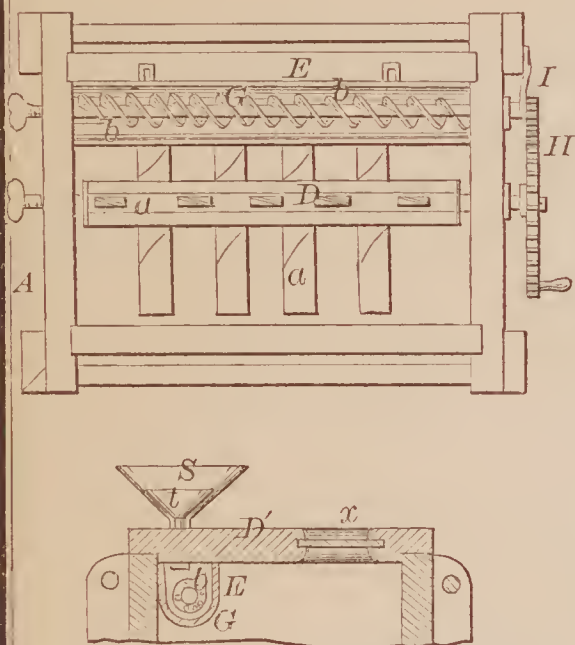
64150—Roth & Shane—*Gate.*



64152—E. Sexton—*Gang Plow.*



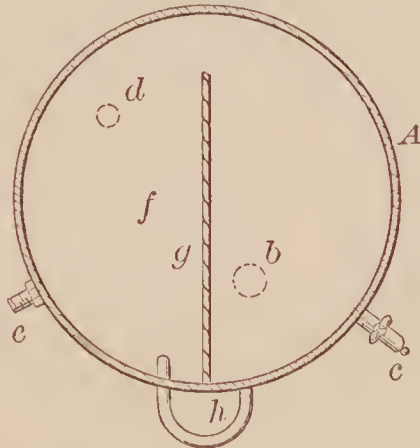
64149—C. H. L. Roberts—*Churn.*



64154—B. F. Shaw—*Machine-Knitted Hosiery.*



64156—W. A. Simonds—*For Carburetting Gas.*



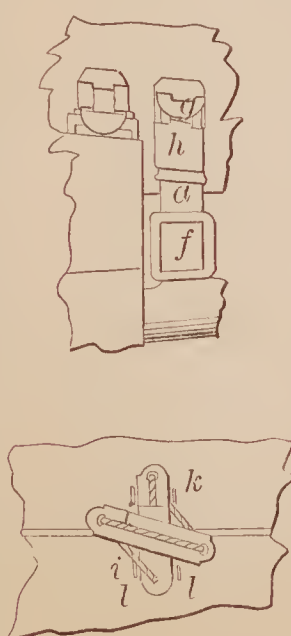
64158—C. T. Smith—*Metallic Bobbin.*



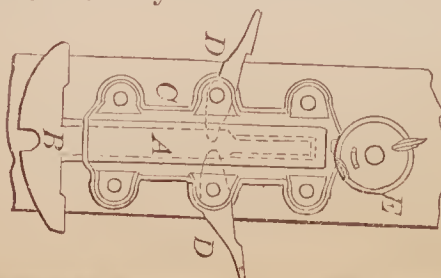
64157—P. Sinsz—*Mounting Glaziers' Diamonds.*

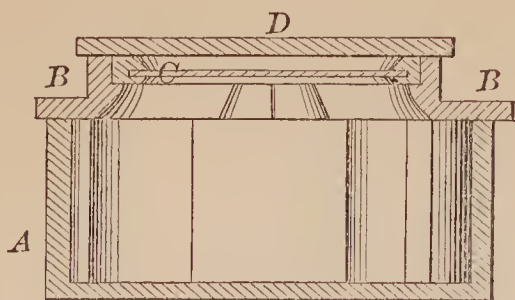
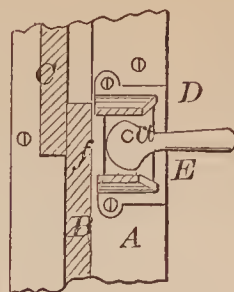
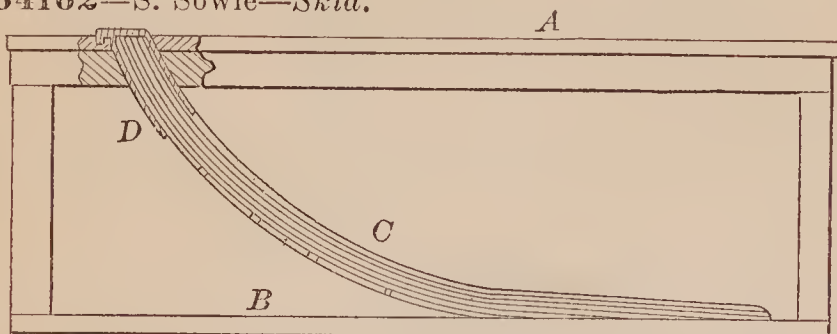
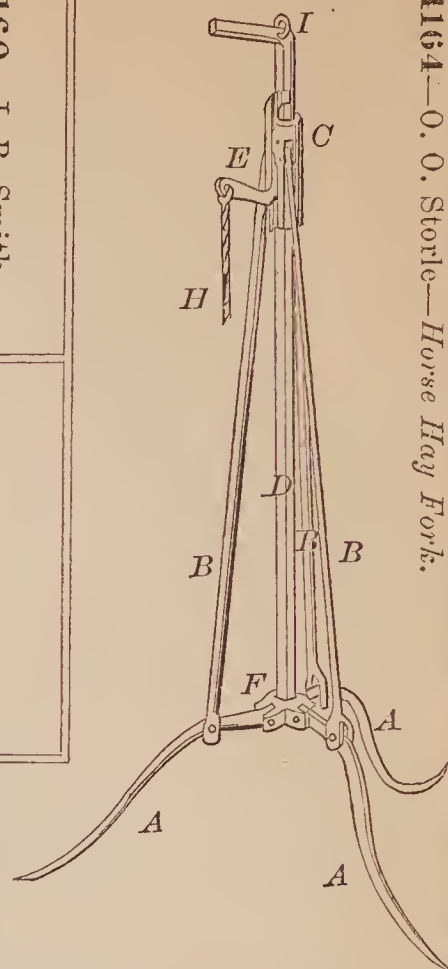
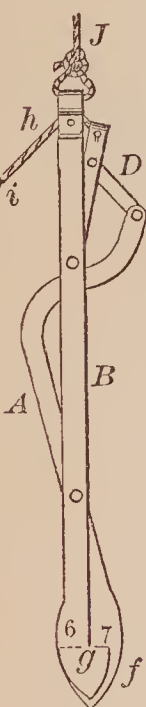
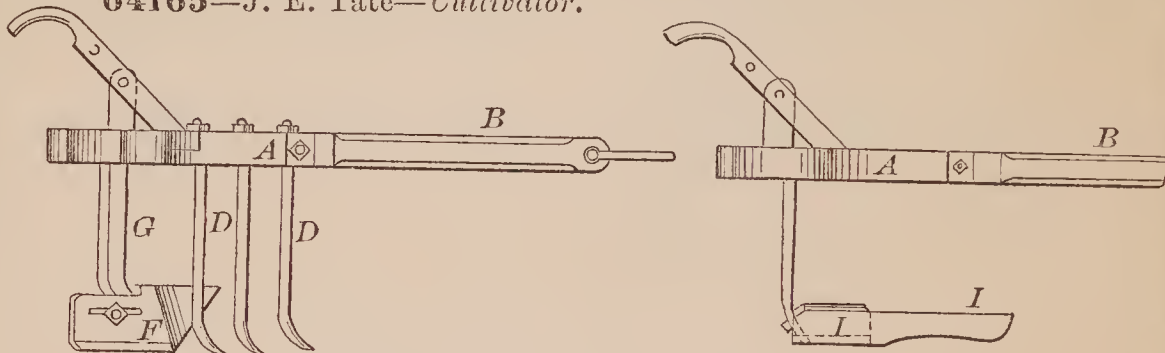
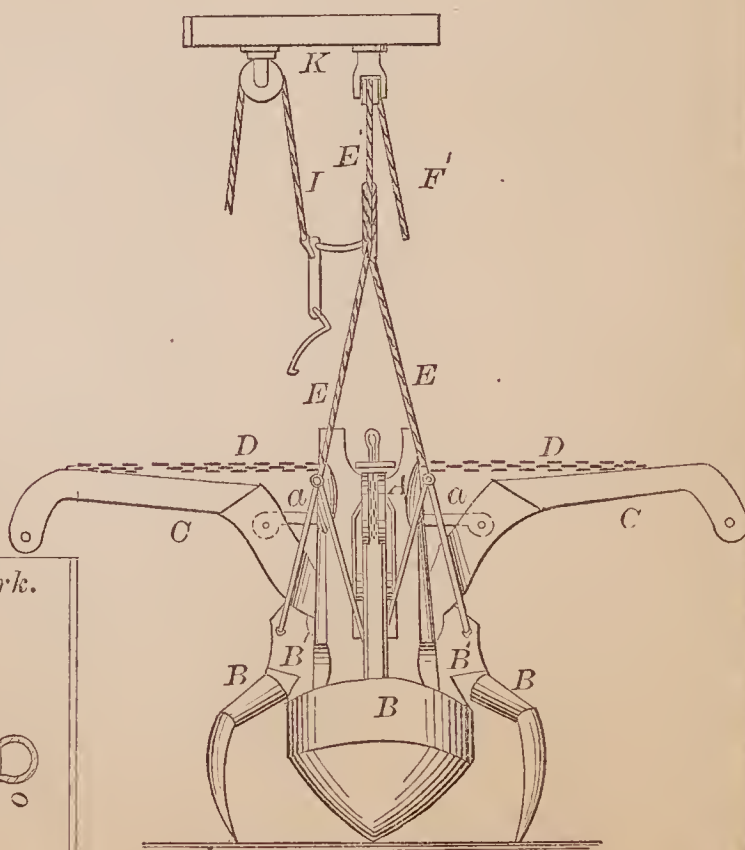
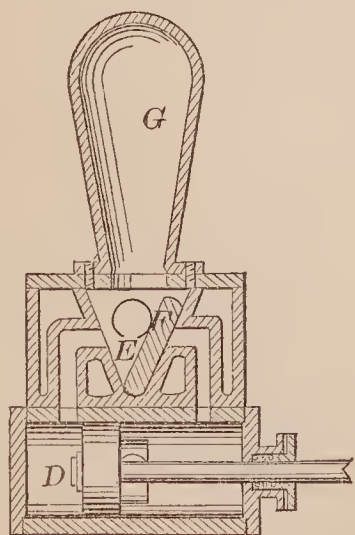
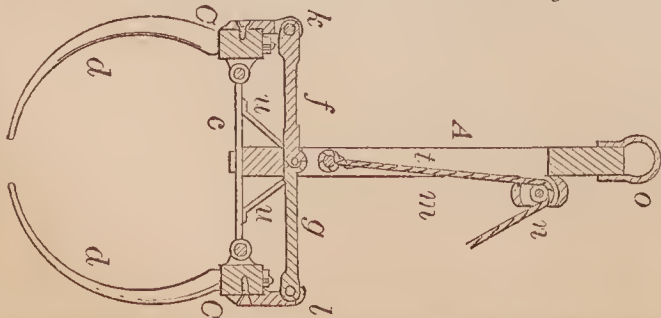


64155—G. Sickels—*Shoe Fastening.*

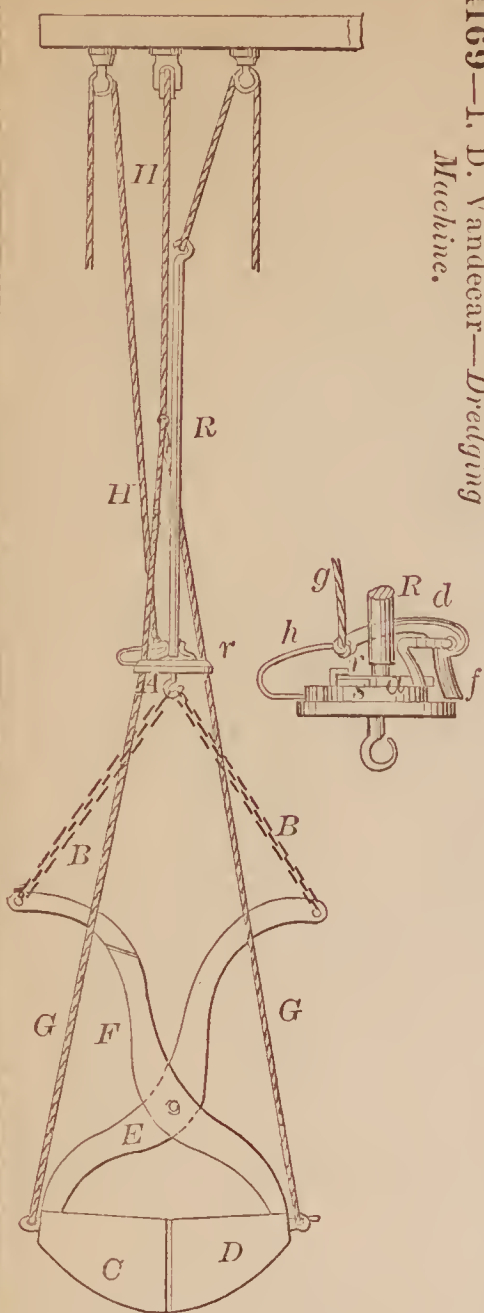


64153—C. Seymour—*Gate Fastening.*

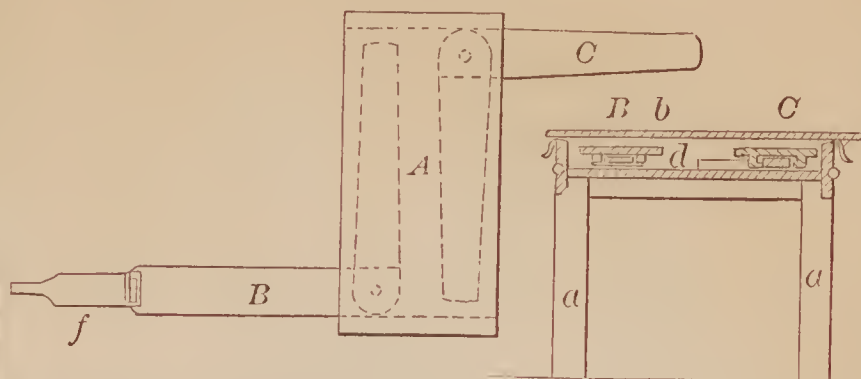


64159—H. Smith, Jr.—*Coffin*.64160—J. R. Smith—*Sash Fastener*.64162—S. Sowle—*Skid*.64164—O. O. Storle—*Horse Hay Fork*.64161—Smith & Lindsley—*Pantaloons Guard*.64163—A. B. Sprout—*Horse Hay Fork*.64165—J. E. Tate—*Cultivator*.64168—I. D. Vandecar—*Excavator*.64166—J. E. Thorpe—*Steam Pump*.64167—W. H. T. Tomlin—*Horse Hay Fork*.

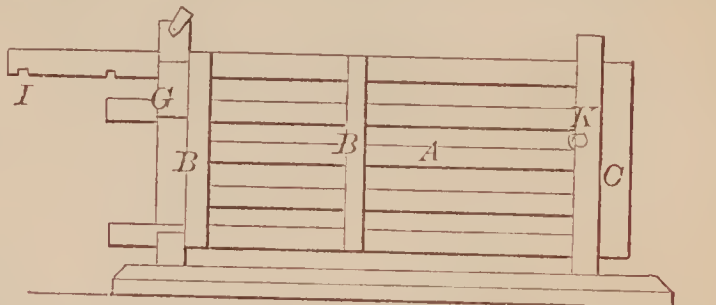
64169—I. D. Vandear—Dredging Machine.



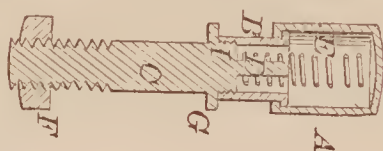
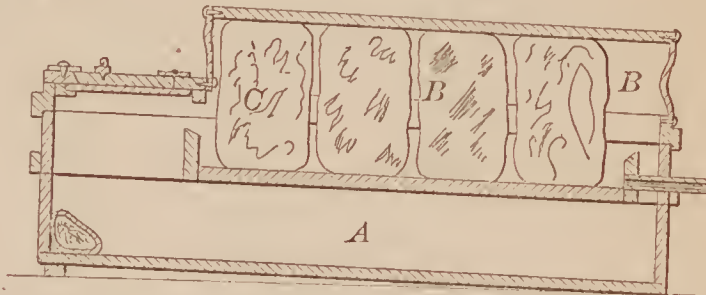
64170—B. V. Gaasbeek—Ironing Table.



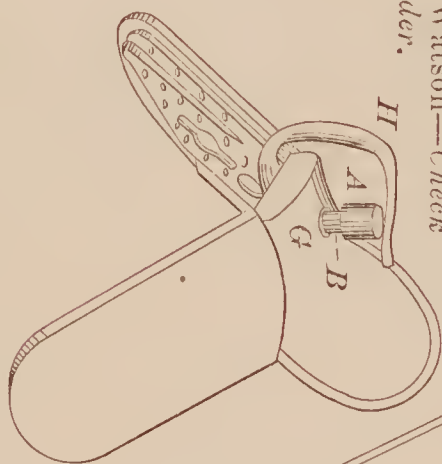
64171—W. F. Veber—Fence Gate.



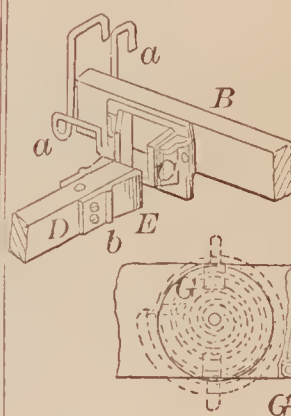
64172—J. S. Waterman—Corpse Preserving Case.



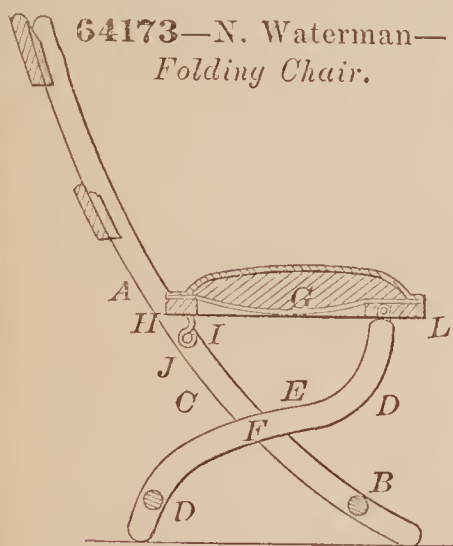
64174—D. C. Watson—Check Rein Holder.



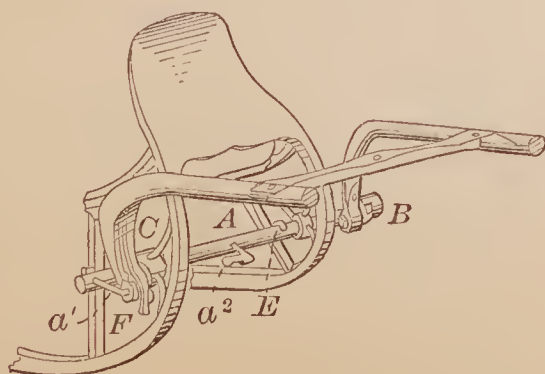
64175—Webster & Ladd—Spring Bed Bottom.



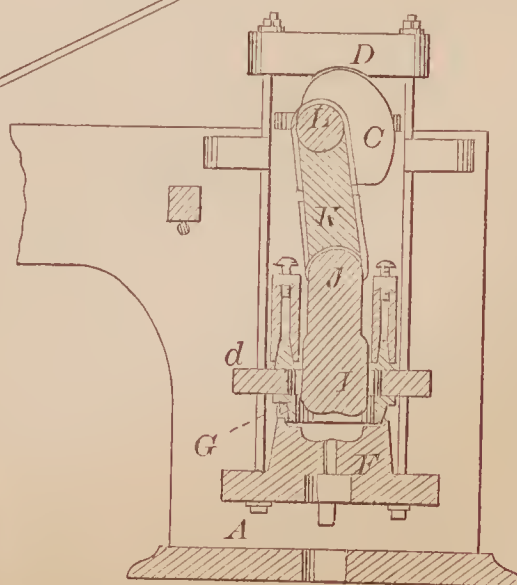
64173—N. Waterman—Folding Chair.



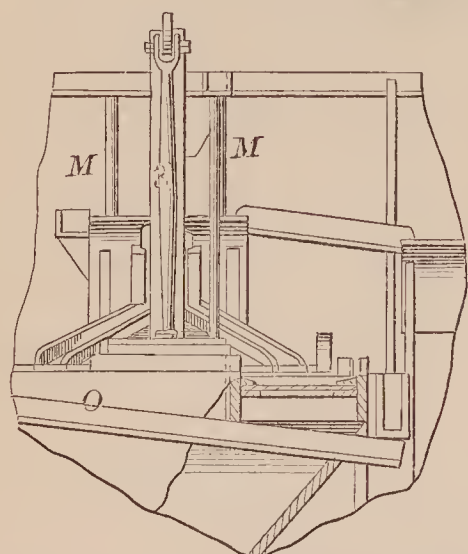
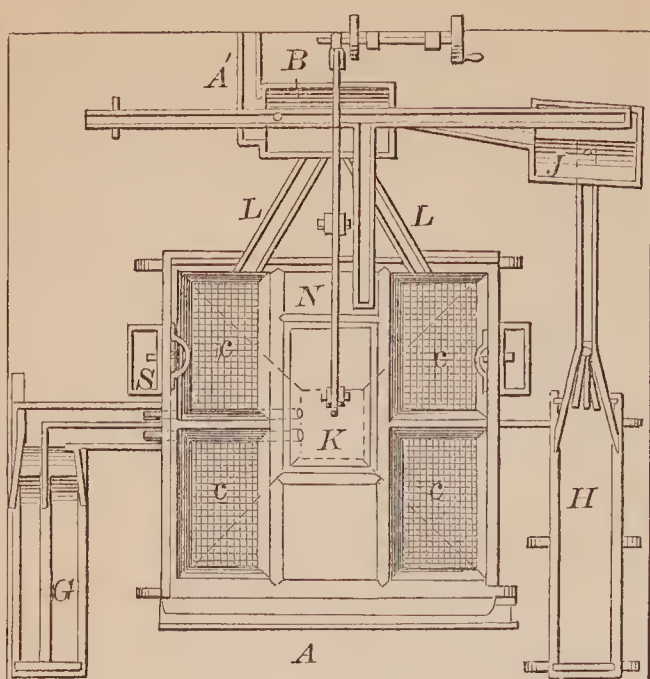
64177—N. T. Whiting—Sleigh.



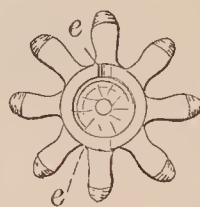
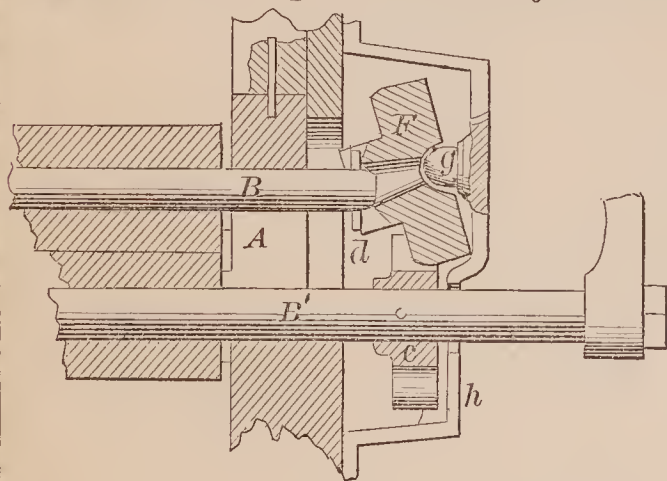
64176—M. Wells—For Shaping Metals.



64178—J. Wicks—*Ore Washer.*



64180--J. Young--*Clothes Wringer.*



64181—H Merrill—*Refining Sugar.*



64182—H. Merrill—*Centrifugal Machine.*

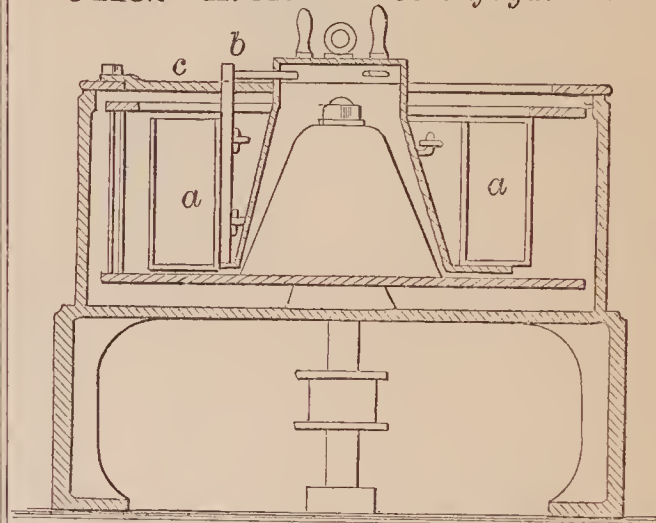


Fig. 1

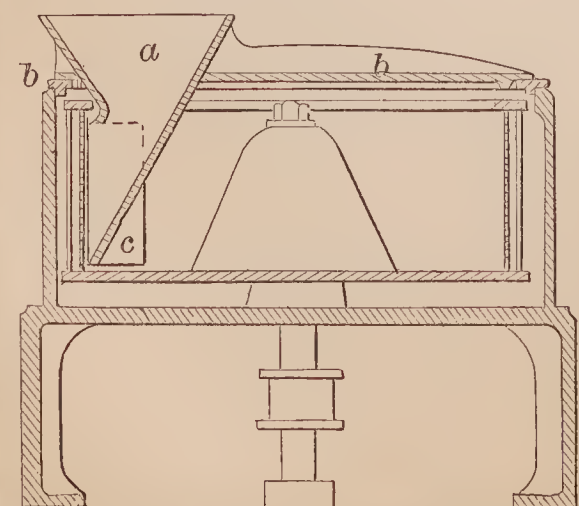


Fig. 2

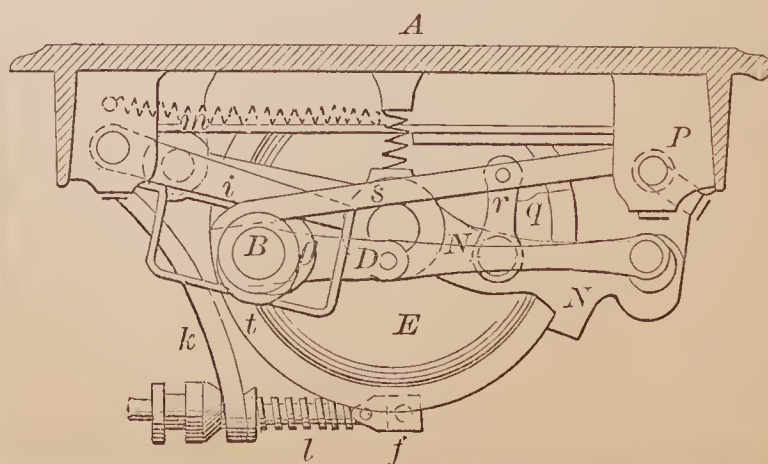


64179—J. C. Whiting—*Ilusory*
Decapitation.

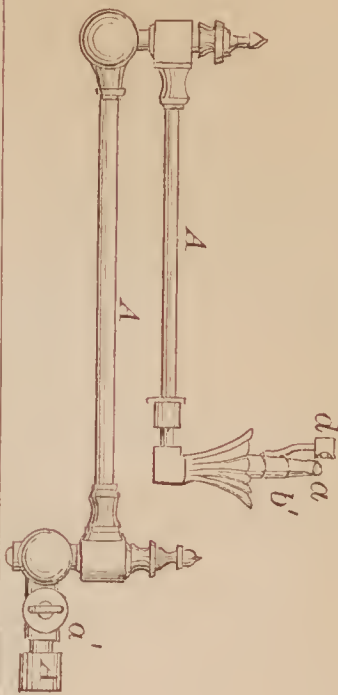
64183—H. Merrill—*Centrifugal Machine.*



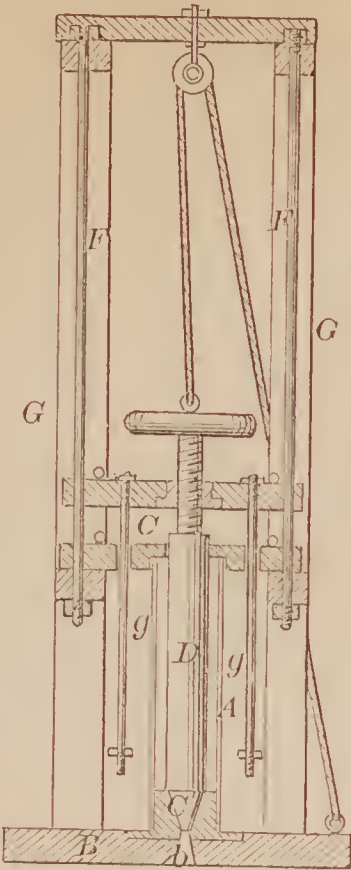
64184—H. Stannard—*Sewing Machine.*



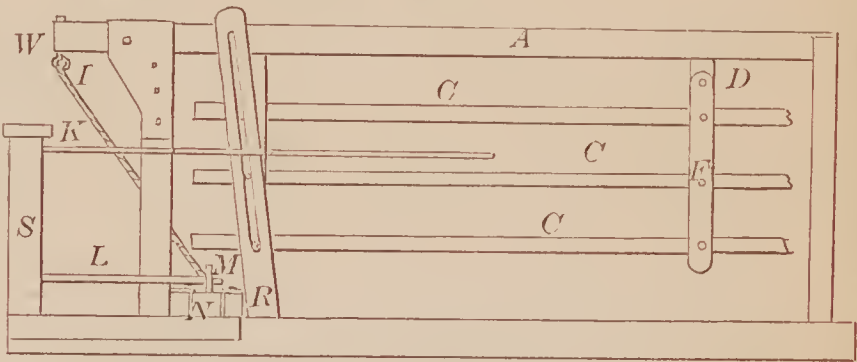
64188—A. Barbarin—*Lighting Gas.*



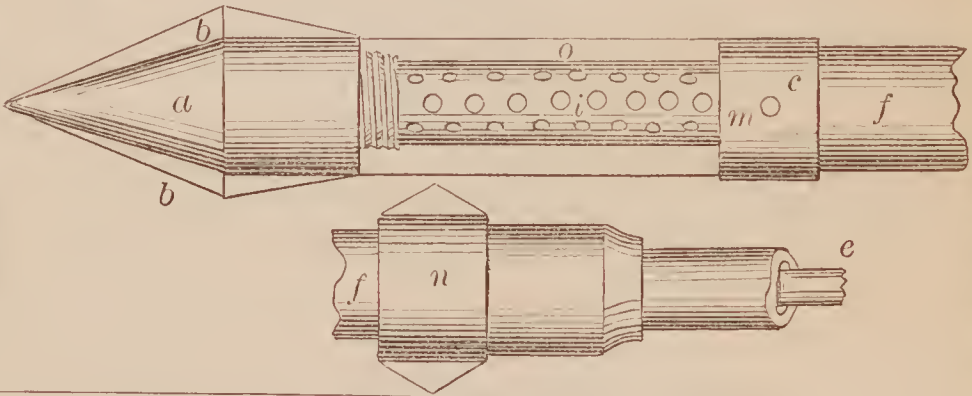
64187—G. H. Bailey—*For Making Water and Gas Pipes.*



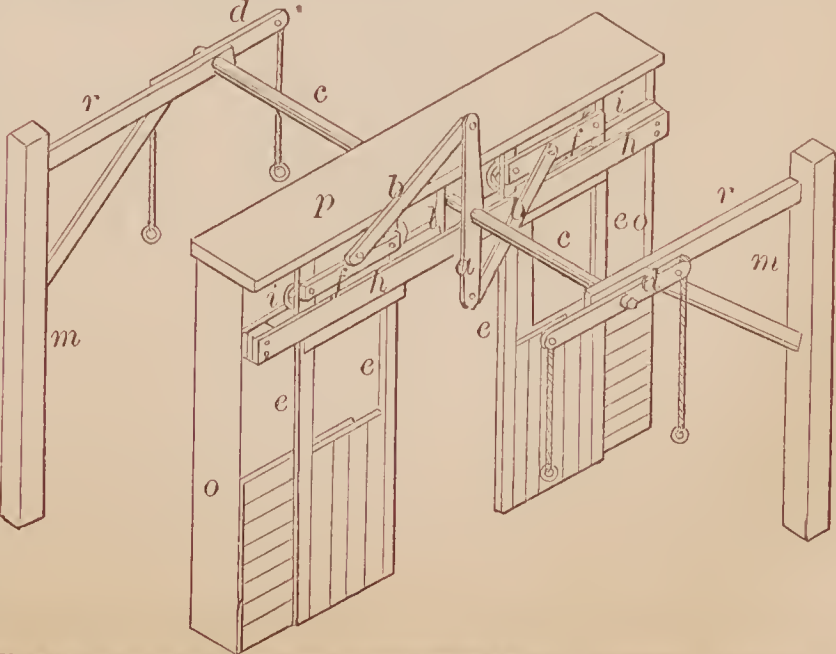
64190—D. Bordner—*Gate.*



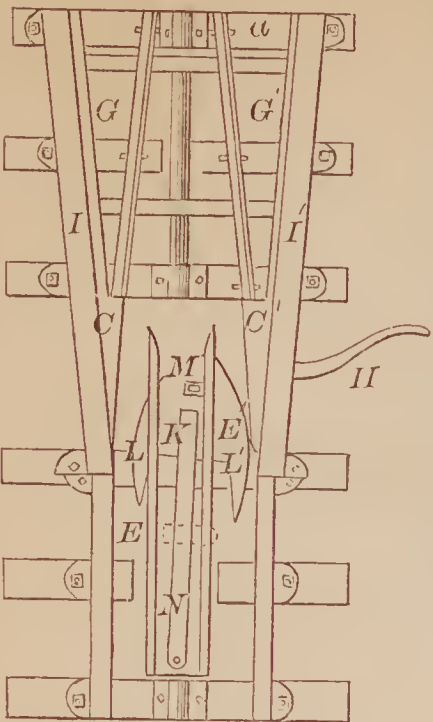
64192—J. Budd—*Well Pipe.*



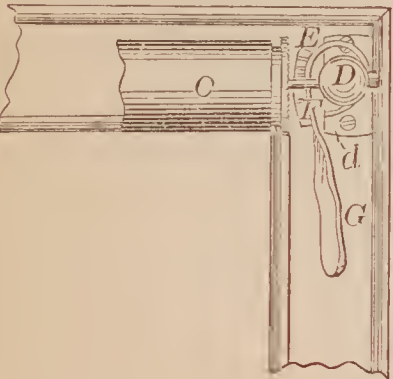
64193—J. Budd—*Gate.*



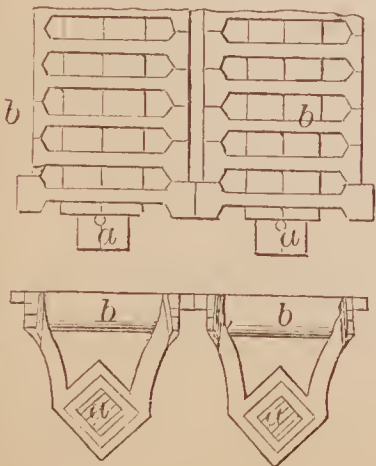
64185—J. B. Alexander—*Railroad Switch.*



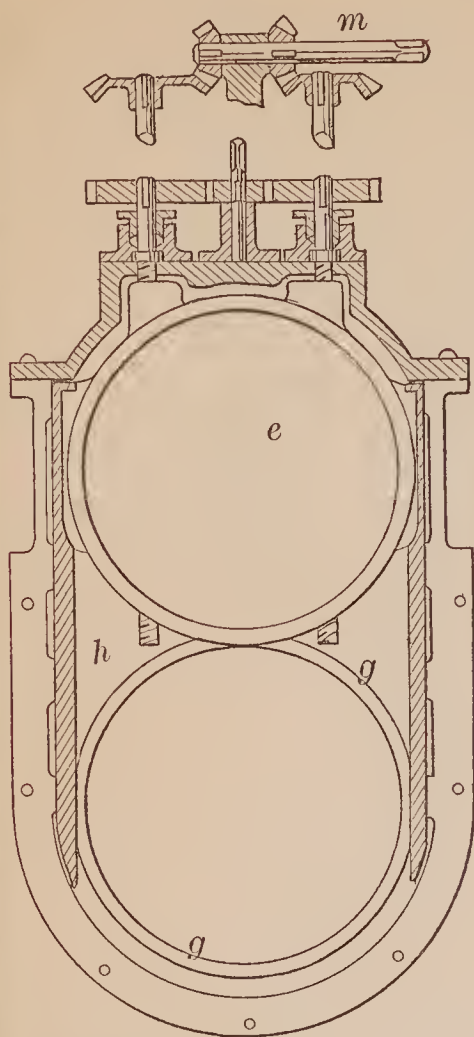
64186—Babcock & Duffy—*Carriage Curtain Fixture.*



64191—H. L. Budd—*Grate Bar.*



64198—Z. E. Coffin—
Stop Cock.



64200—Corey & Harper—Type Setting
Machine.

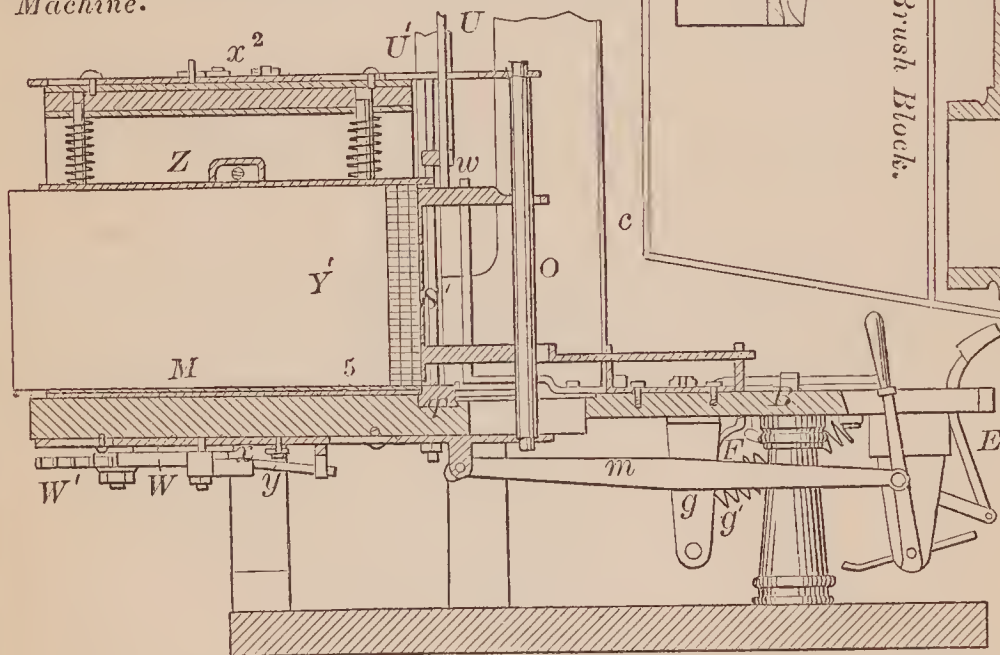
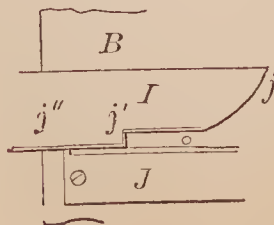
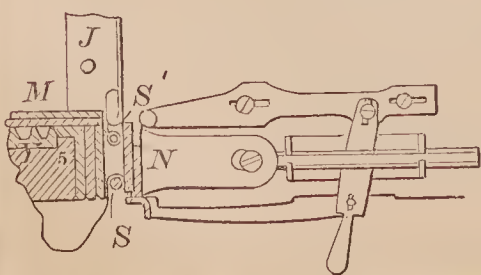
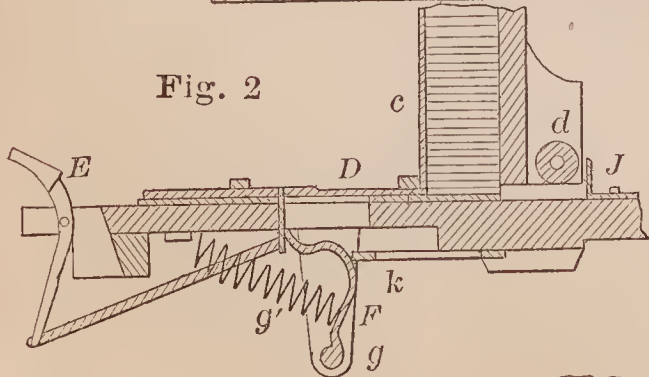
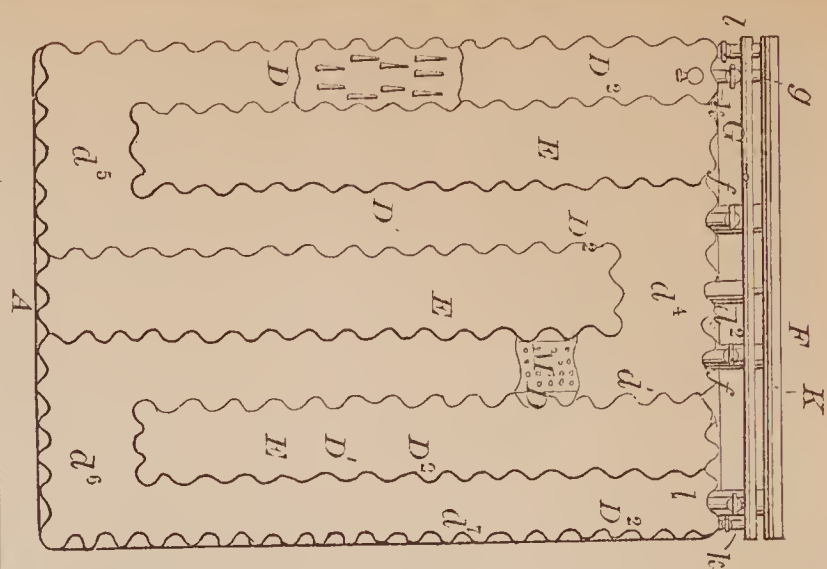


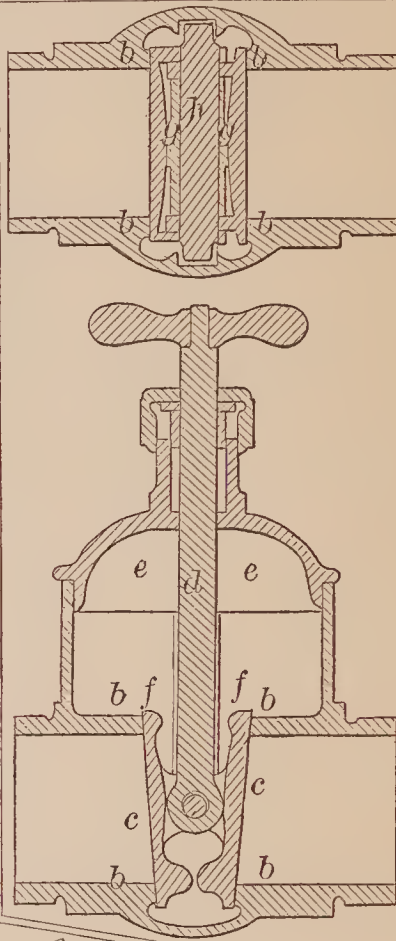
Fig. 2



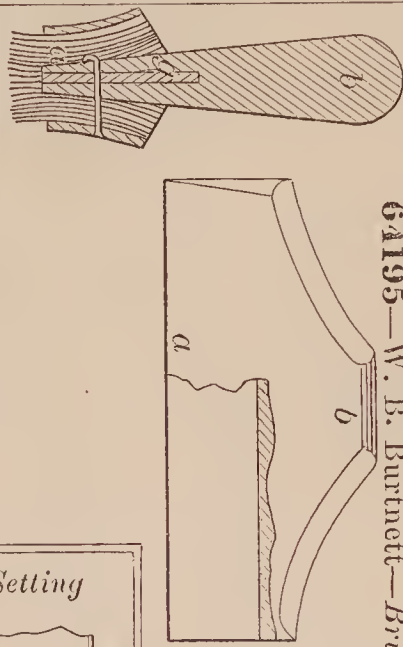
64194—T. B. Butts—Gas
Condenser and Washer.



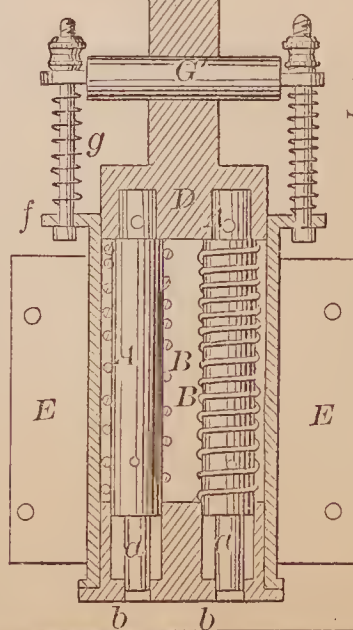
64199—Z. E. Coffin—Valve for Stop Cocks.



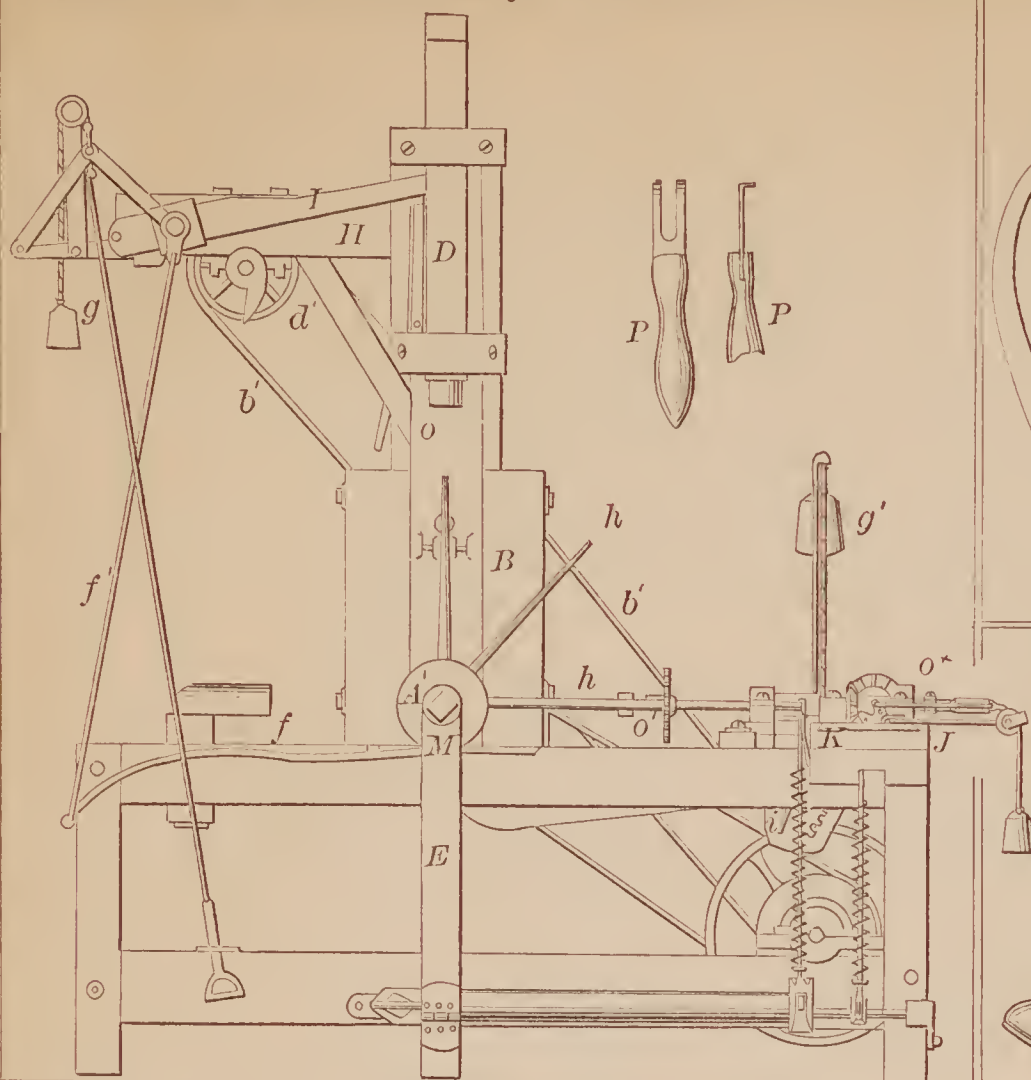
64195—W. B. Bartnett—Brush Block.



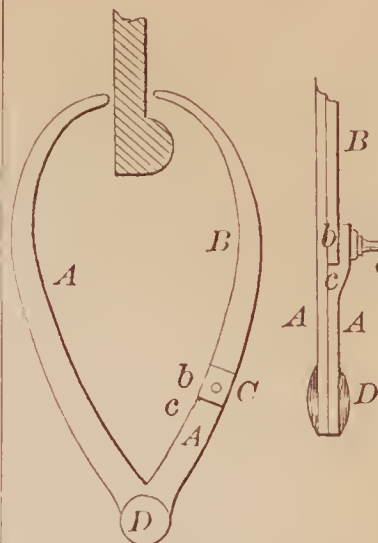
64197—S. M. Clark—For Punching
Paper.



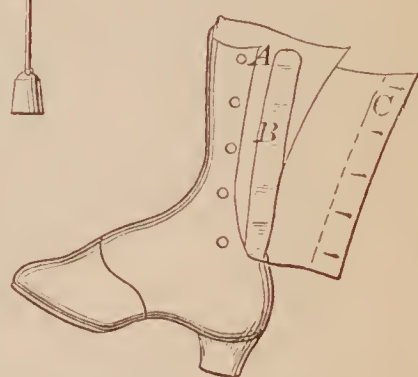
64201—C. W. Corr—*Wheelwright's Machine.*



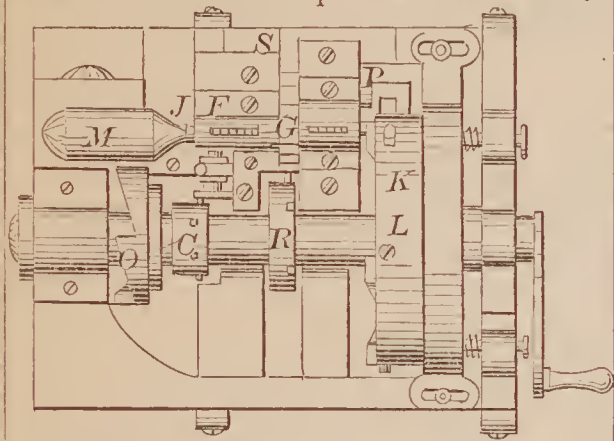
64203—J. H. Culver—*Calipers.*



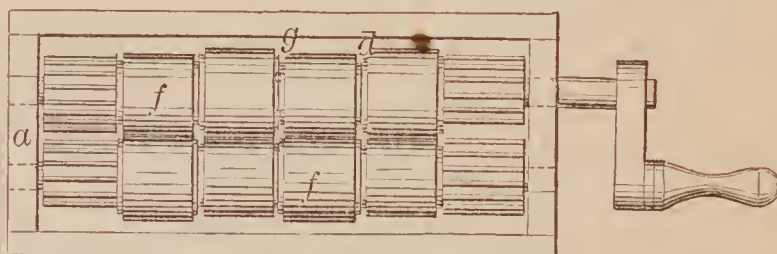
64205—W. A. Deitz—*Shoe.*



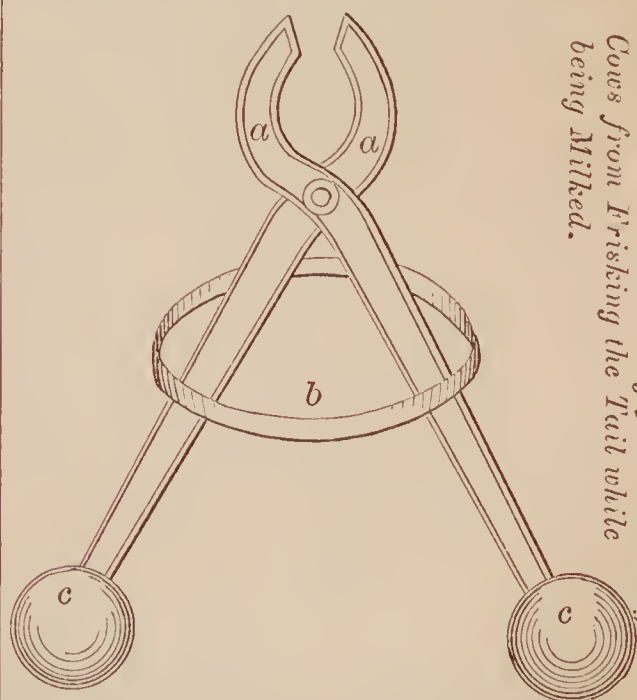
64202—J. E. Crisp—*Rivet Machine.*



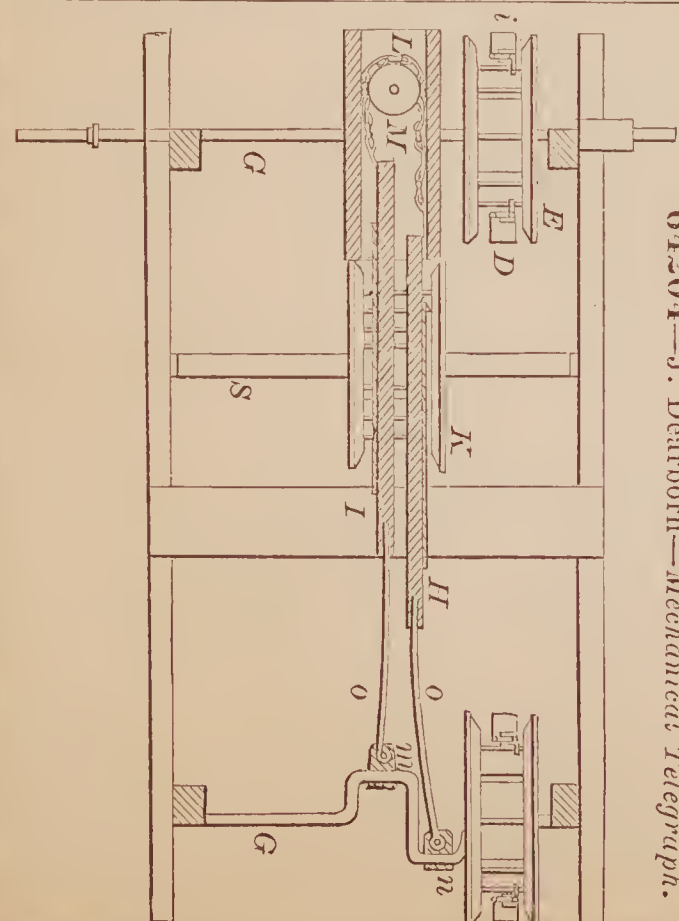
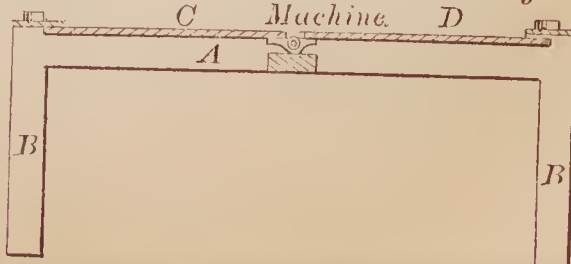
64206 D. A. Dickinson—*For Husking Corn.*



64207—N. Dutton—*Clog for Preventing Cows from Frisking the Tail while being Milked.*



64208—J. D. Elliot—*Cloth Folding Machine.*



64204—J. Dearborn—*Mechanical Telegraph.*

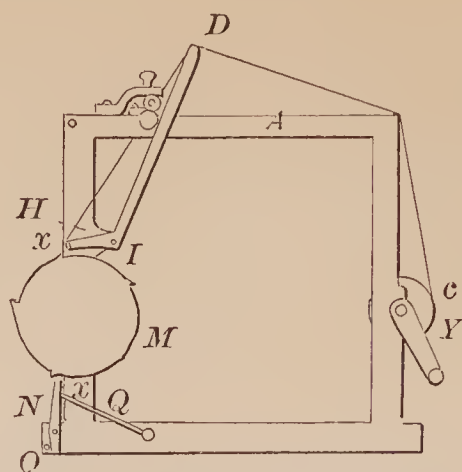
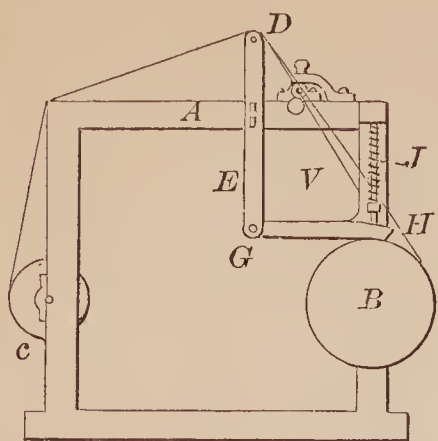
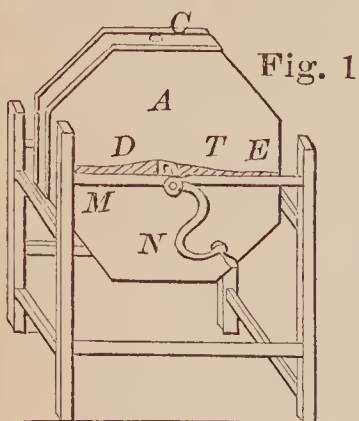
64209—A. B. Ely—*Let-off and Tension for Yarns, &c*64211—D. Ewing—*Pessary*.64210—G. W. Emerson—*Churn*.

Fig. 2

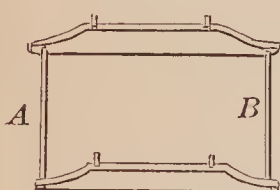
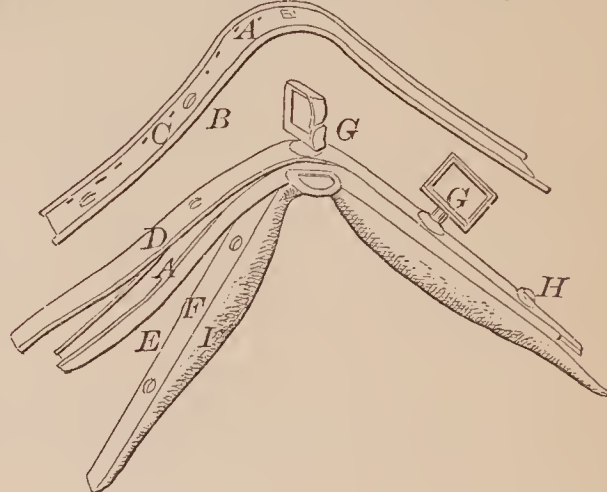
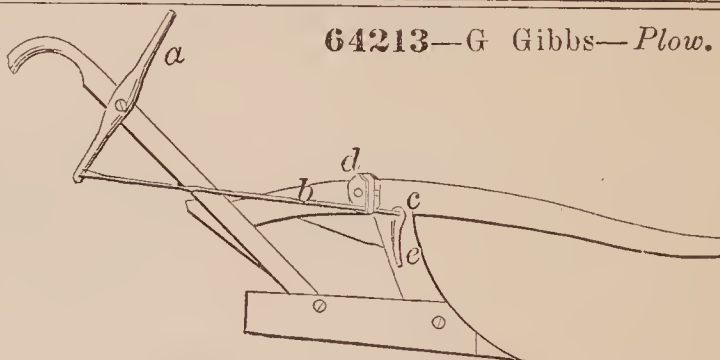
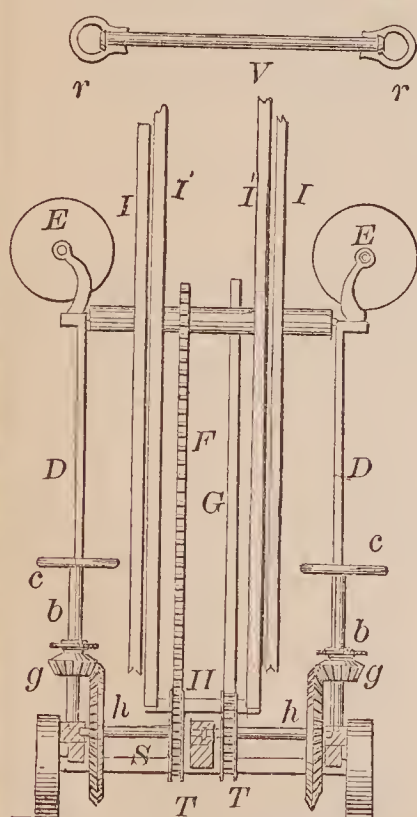
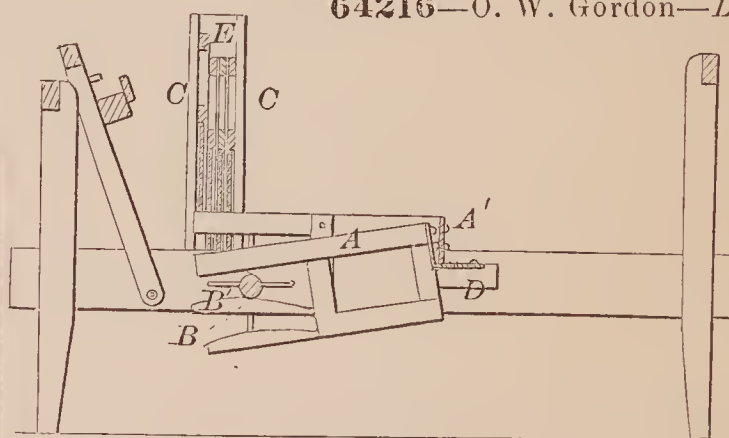
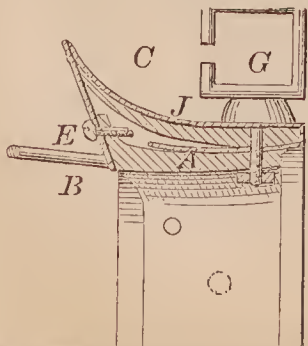
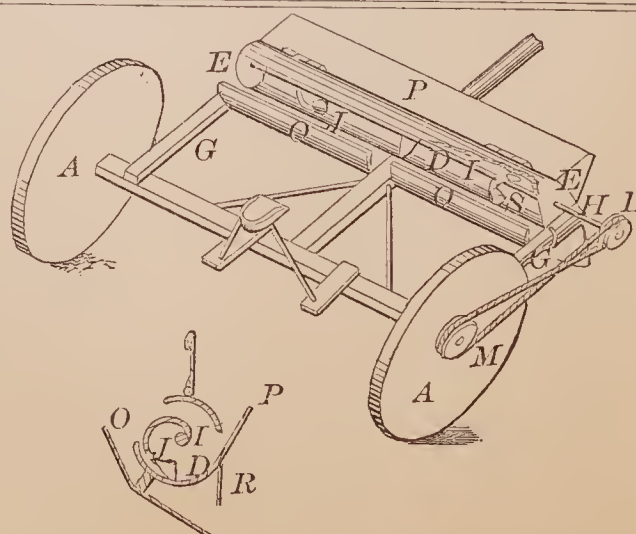
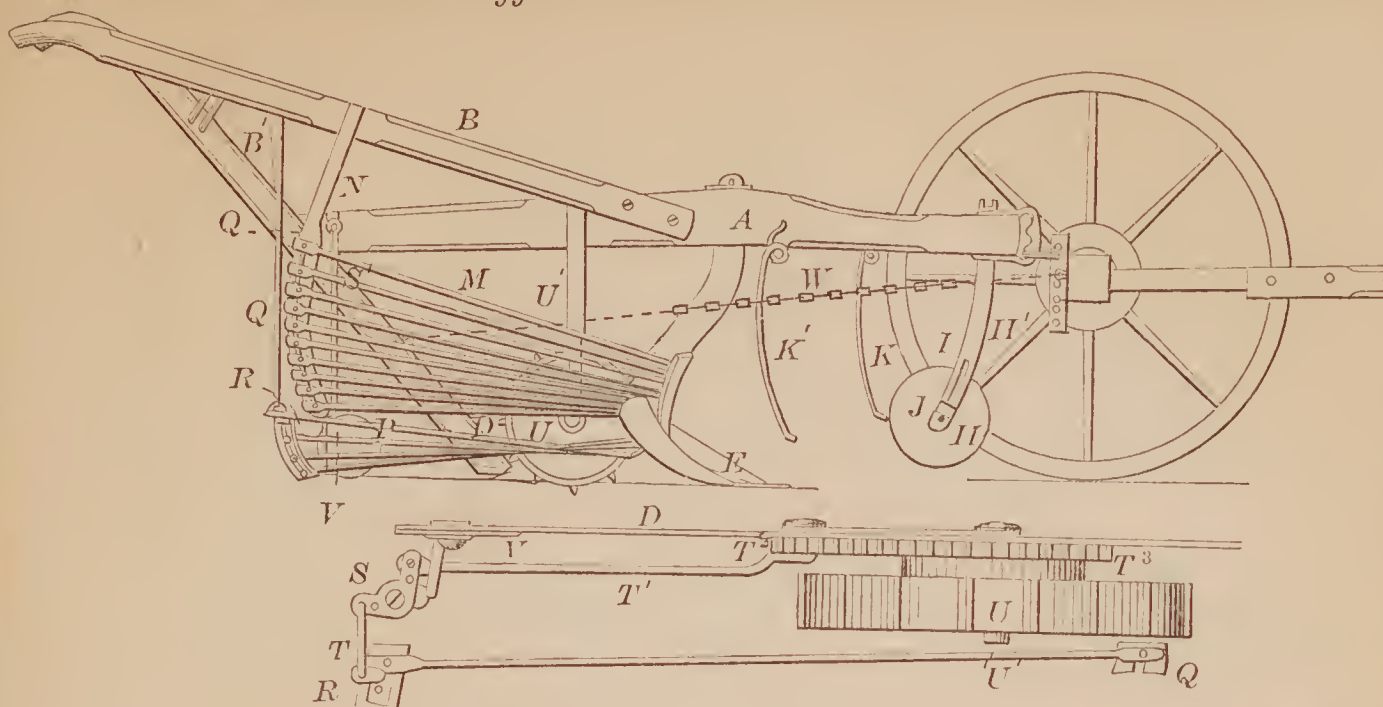


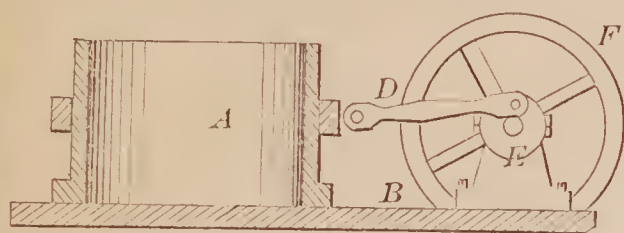
Fig. 3

64215—A. Gilliam—*Harness Pad*.64213—G. Gibbs—*Plow*.64216—O. W. Gordon—*Loom*.64212—G. K. Foster—*Five Ladder*.64214—A. Gilliam—*Harness Saddle*.64217—S. Grenell—*Seed Sower*.

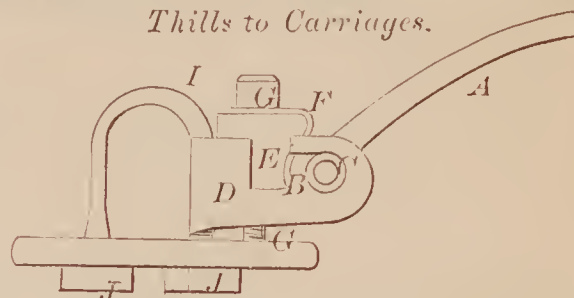
64218—D. B. Hart—*Potato Digger.*



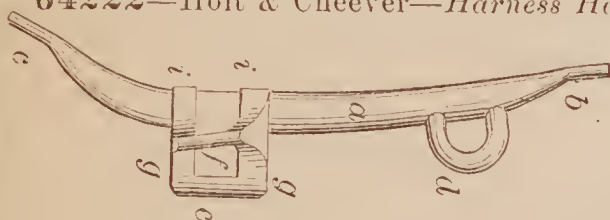
64221—J. Hitchens—*Quartz Mill.*



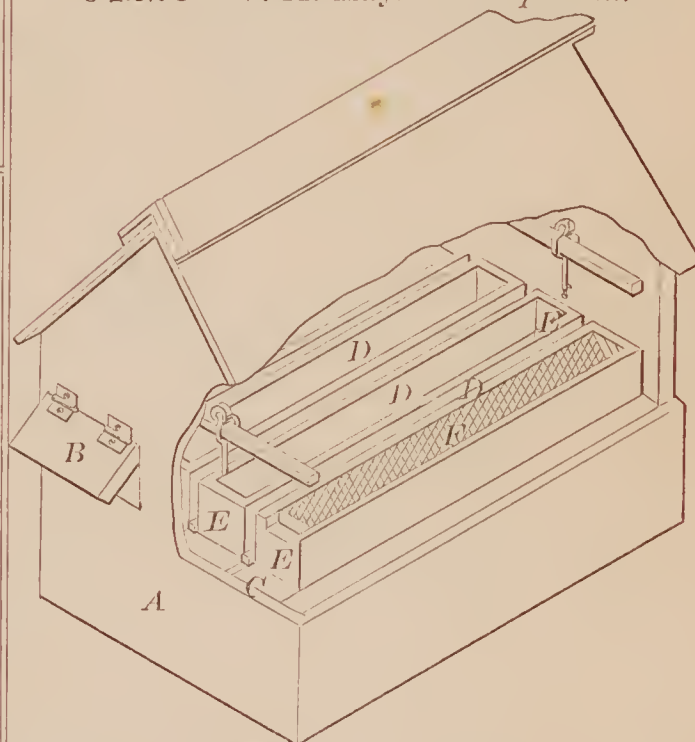
64219—Hartman & Pickert—*Attaching Thills to Carriages.*



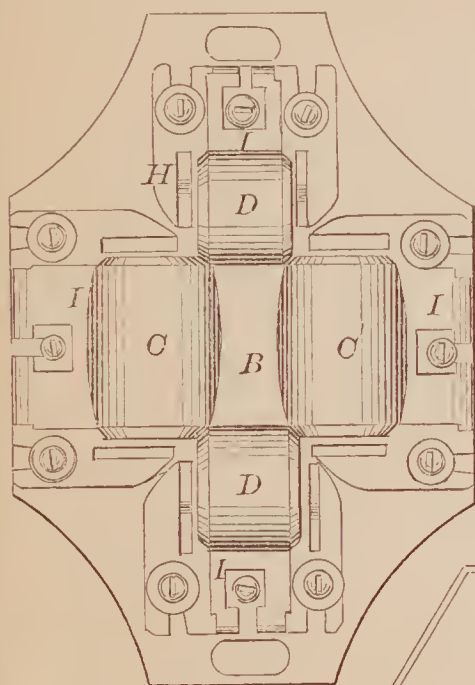
64222—Holt & Cheever—*Harness Hame.*



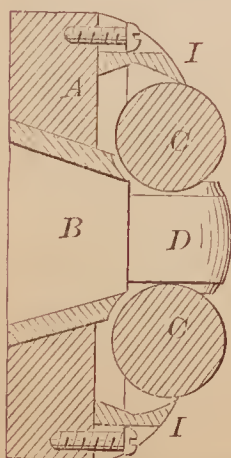
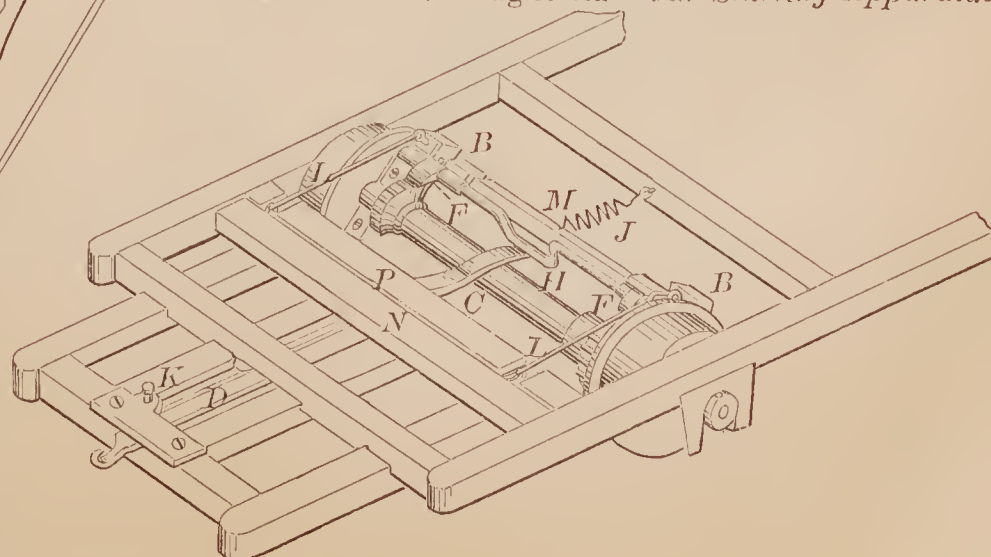
64220—W. M. Haynie—*Hop Kiln.*



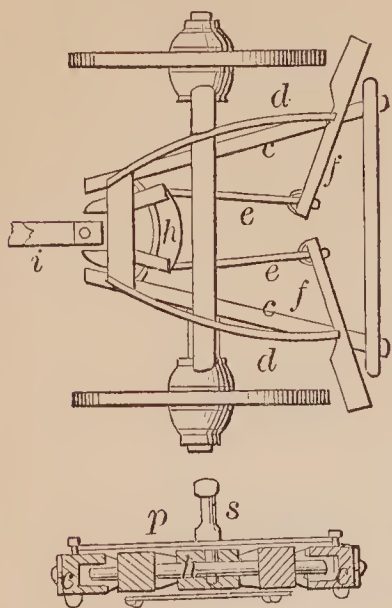
64223—Hotchkiss & Buss—*Die for Brick and Tile Machines.*



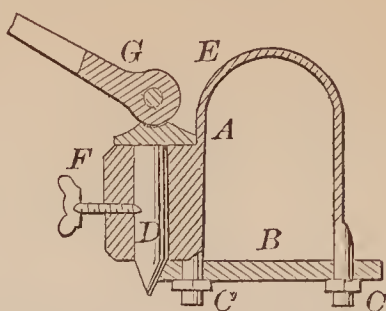
64224—J. W. Houghtelin—*Car Starting Apparatus.*



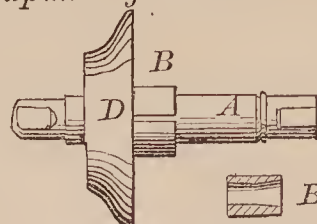
64225—S. E. Hyndman—*Wagon Brake.*



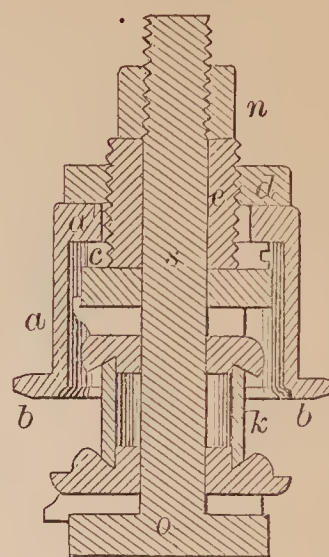
64226—J. W. Innis—*Thill Coupling.*



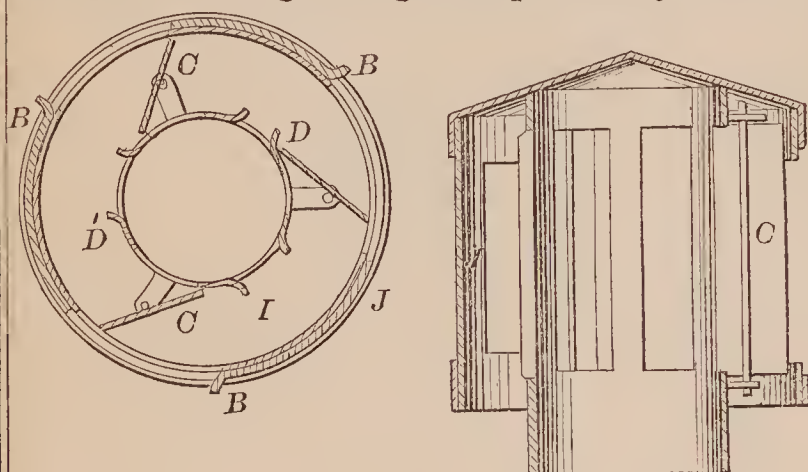
64234—J. B. Mallalieu—*Expanding Mandrel.*



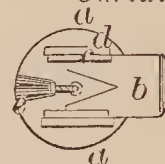
64227—D. Jordan—*Cutter Guide for Moulding Machines.*



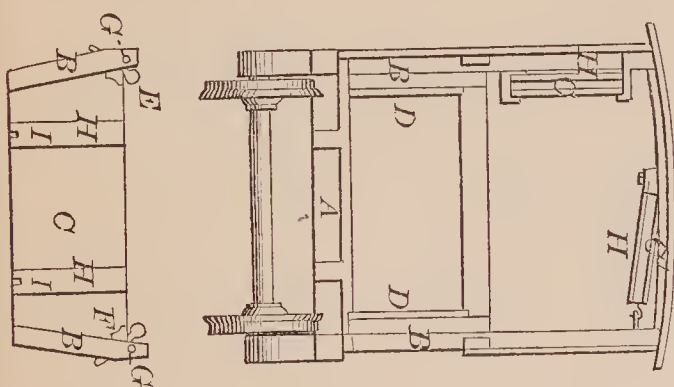
64229—J. Kingsborough—*Ship Chimney Jack.*



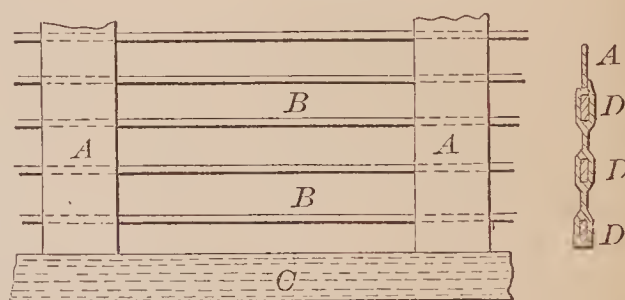
64230—W. I. Loughton—*Curtain Tassel.*



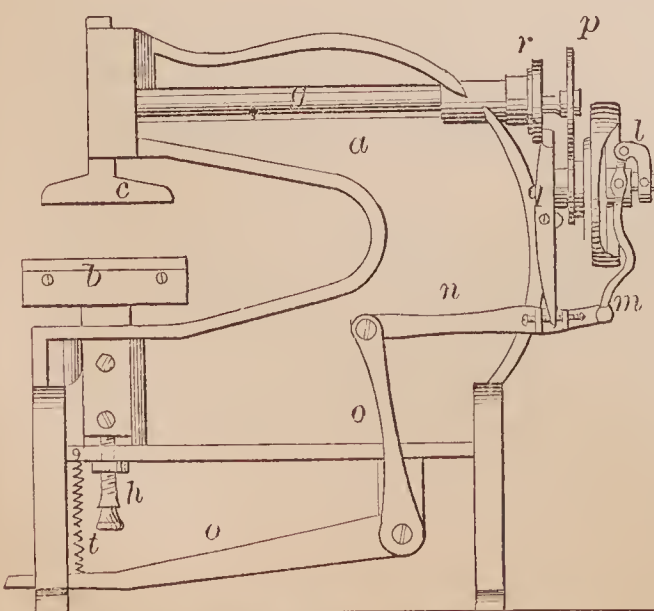
64236—B. Martin—*Door for Railway Cars.*



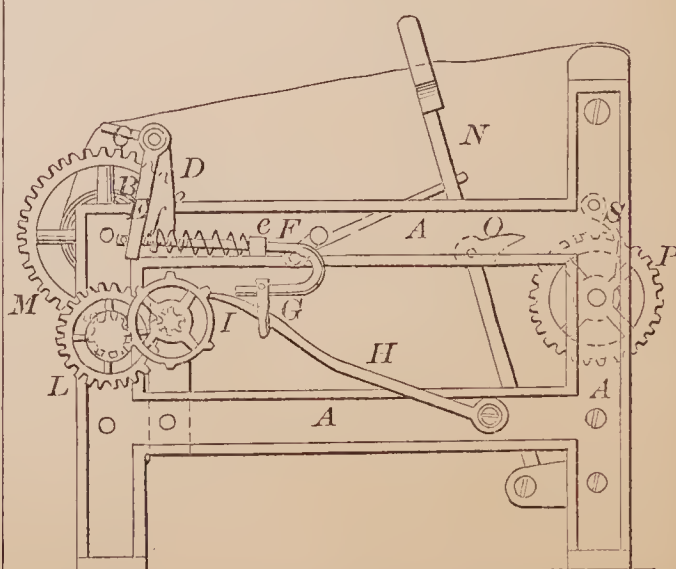
64231—J. R. Lattin—*Skirt Hoop.*



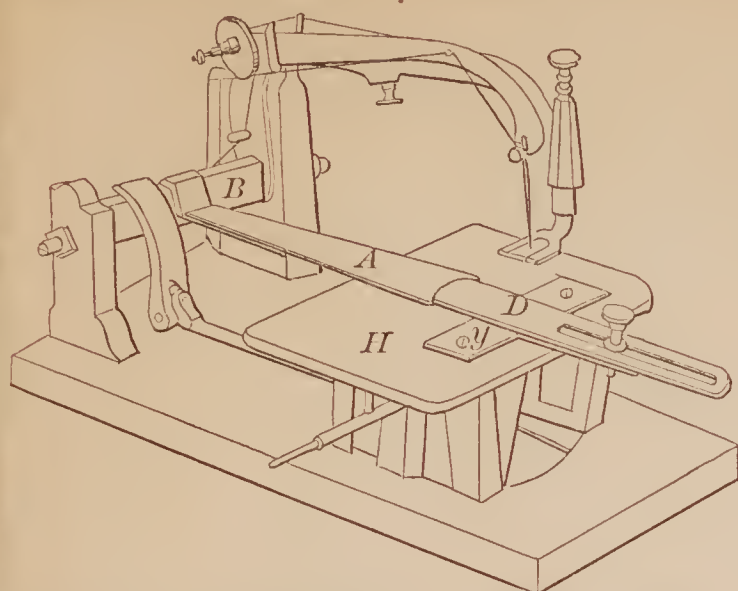
64228—Keith & Reed—*Cutting out Leather.*



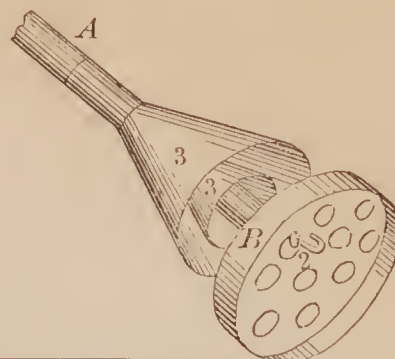
64235—J. A. Marden—*Loom.*



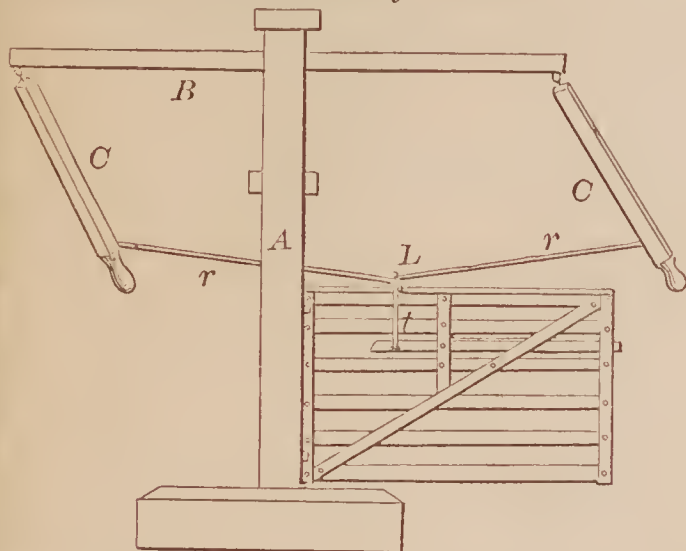
64237—C. Z. Mattison—*Sewing Machine.*



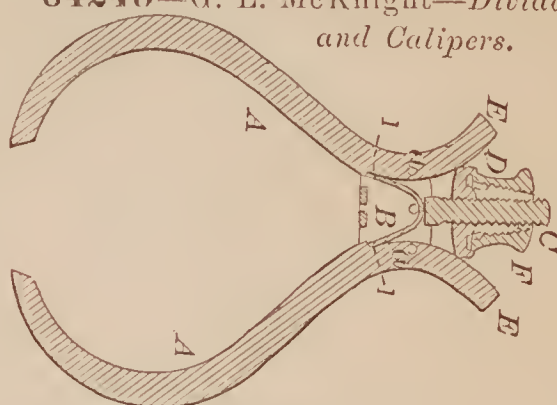
64238—S. McGuffin—*Churn Dasher.*



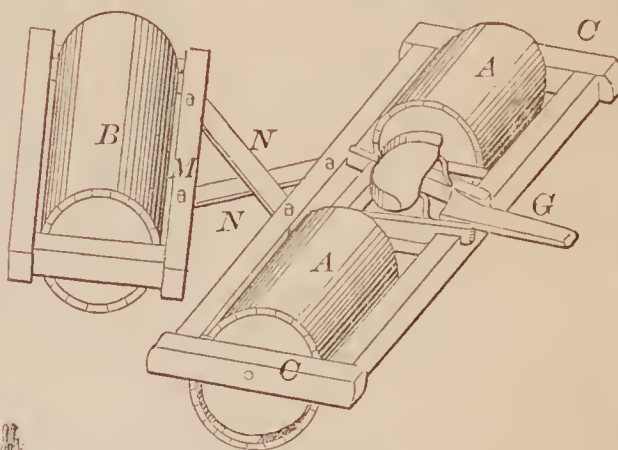
64239—E. R. McKinney—*Gate.*



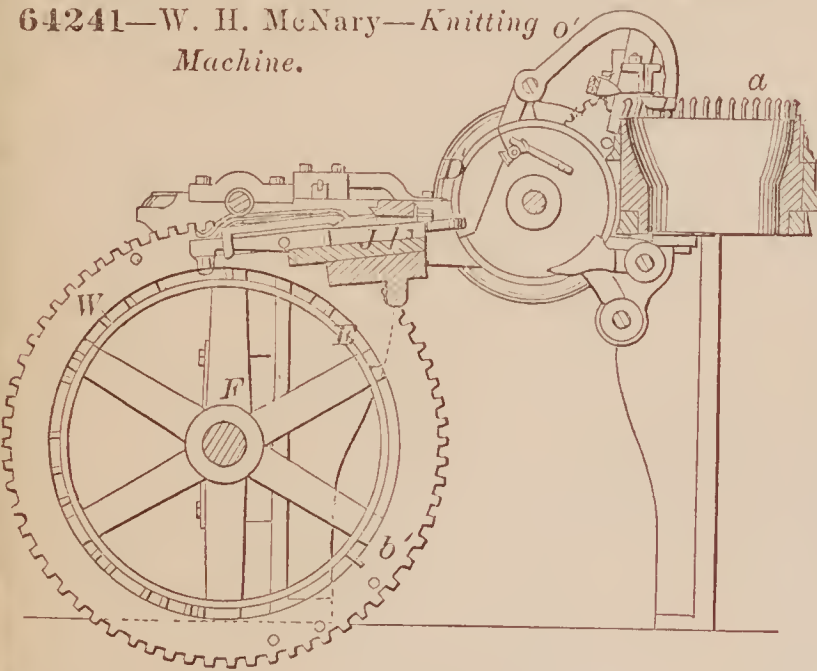
64240—G. L. McKnight—*Dividers and Calipers.*



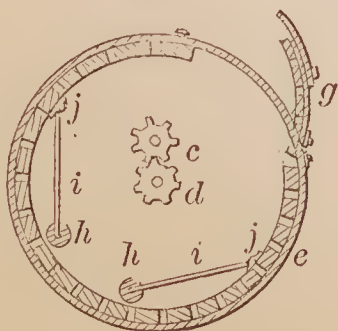
64242—M. Miller—*Land Roller.*



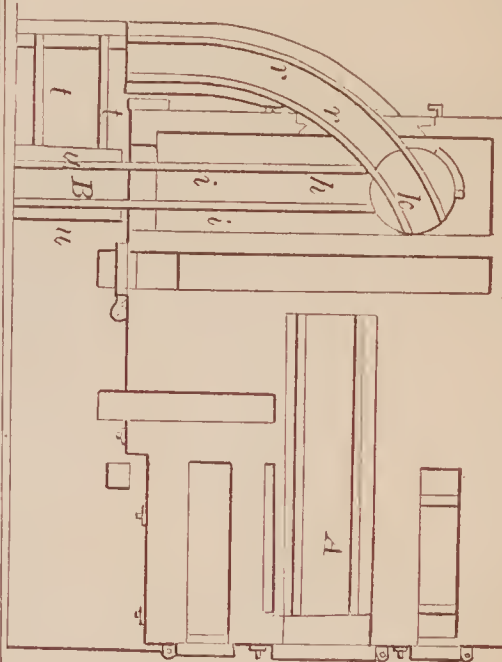
64241—W. H. McNary—*Knitting Machine.*



64243—Moorhead & Grier—*Washing Machine.*

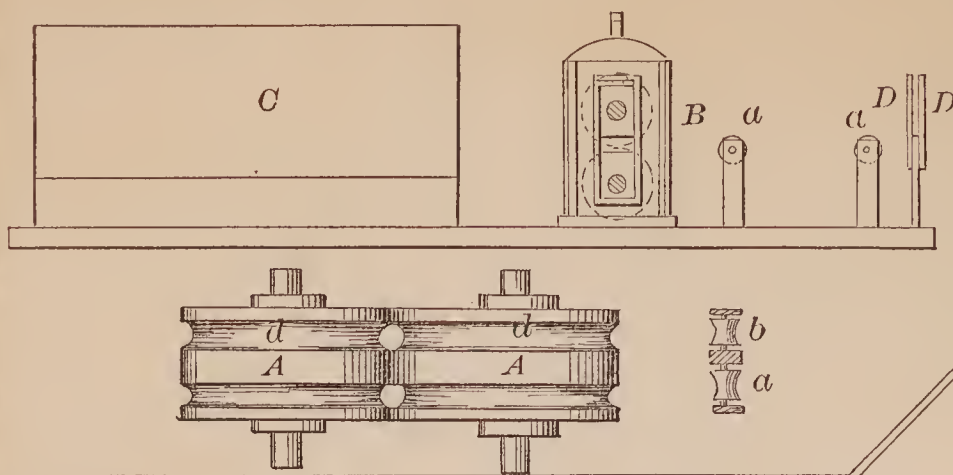
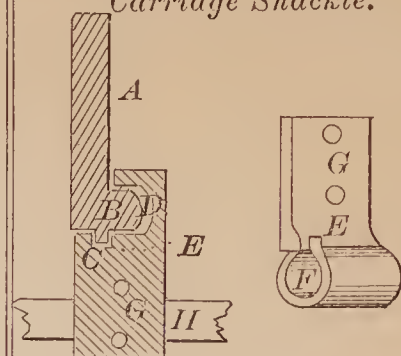
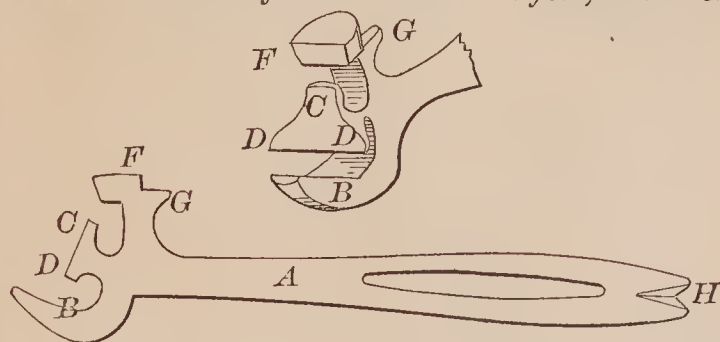
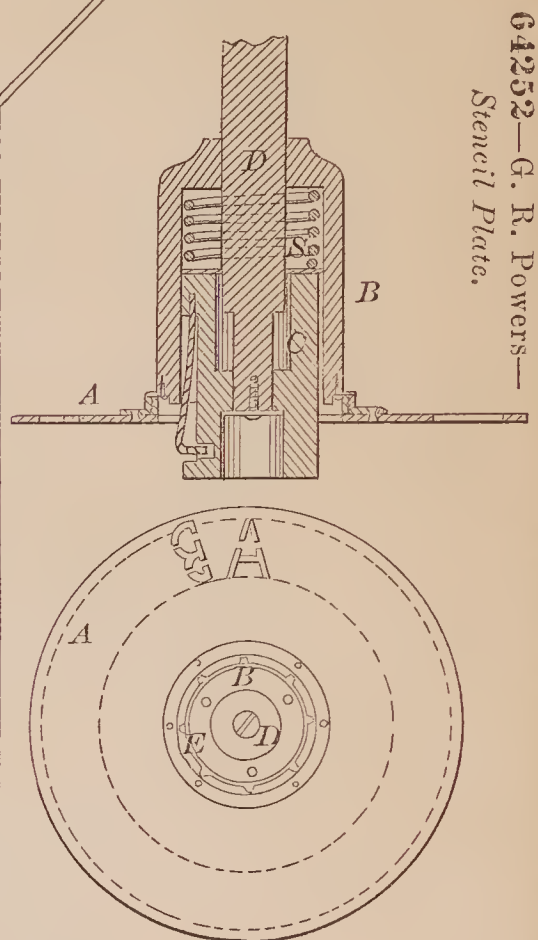
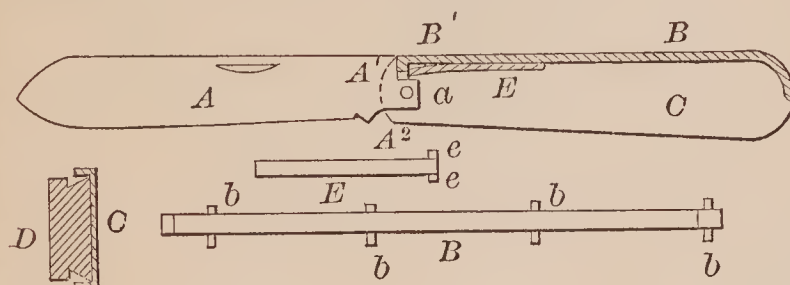
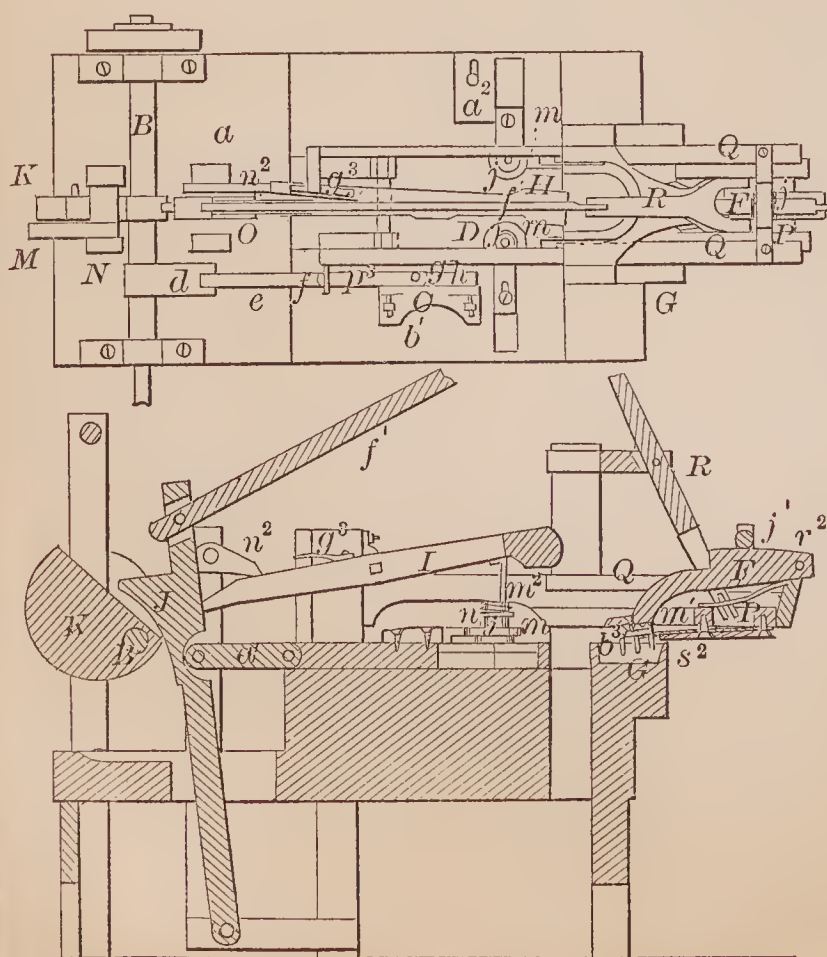
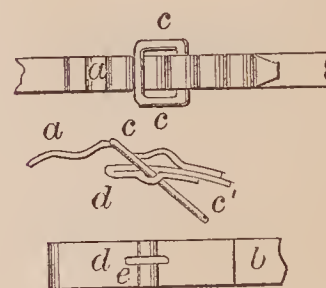
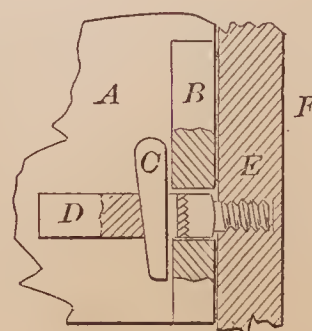


64244—Neale & Amode—*Glass Annealing Apparatus.*

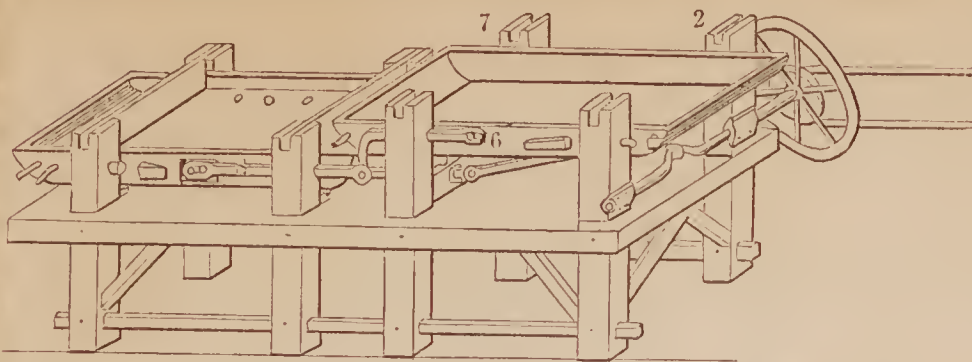


64245—A. B. Newman, Jr.—*Box for Propagating Plants.*

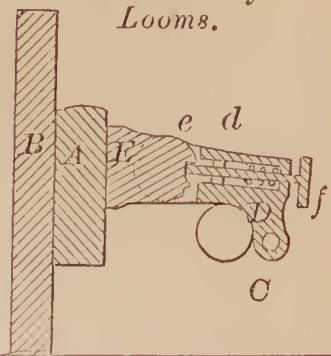


64246—J. Nicholson—*For Manufacturing Lap Welded Tubes.*64249—G. T. Pearsall—*Carriage Shackle.*64247—J. B. Oky—*Stove Cover Lifter, Hammer, &c.*64248—C. H. Palmer—*Pocket Knife.*64252—G. R. Powers—*Stencil Plate.*64254—D. T. Robinson—*For Making Horse Shoes.*64255—S. Rogers—*Cotton Bale Tie.*64257—A. Schlingman—*Bedstead Fastening.*

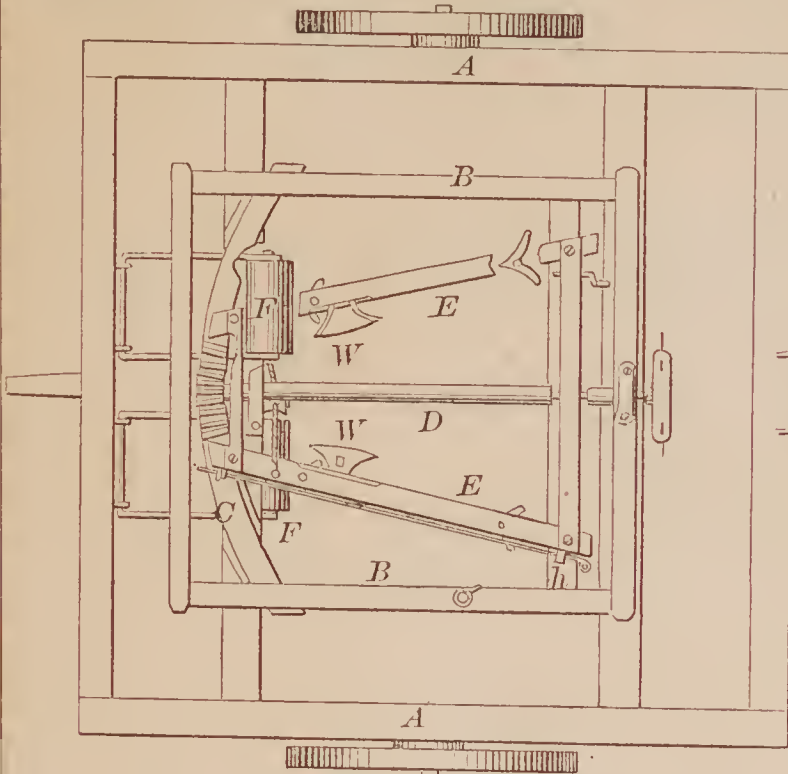
64258—Senatz & Knowlton—Amalgamator.



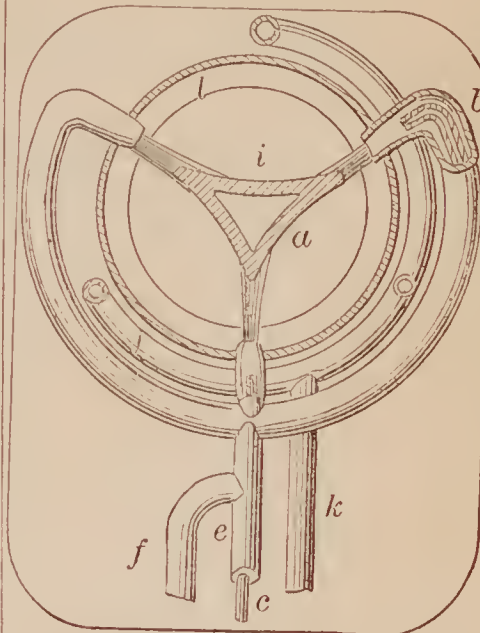
64261—E. M. Stevens—Shuttle Guard for Looms.



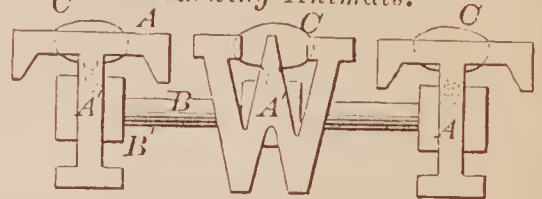
64262—J. P. Tarnutzer—Cultivator.



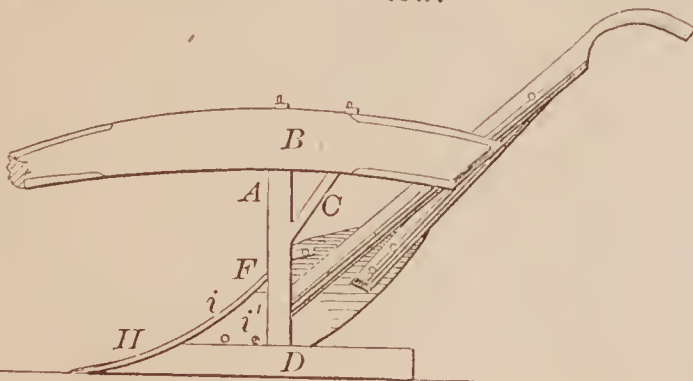
64260—G. O. Spence—Burning Petroleum, &c.



64263—H. Thompson—Brand C For Marking Animals.



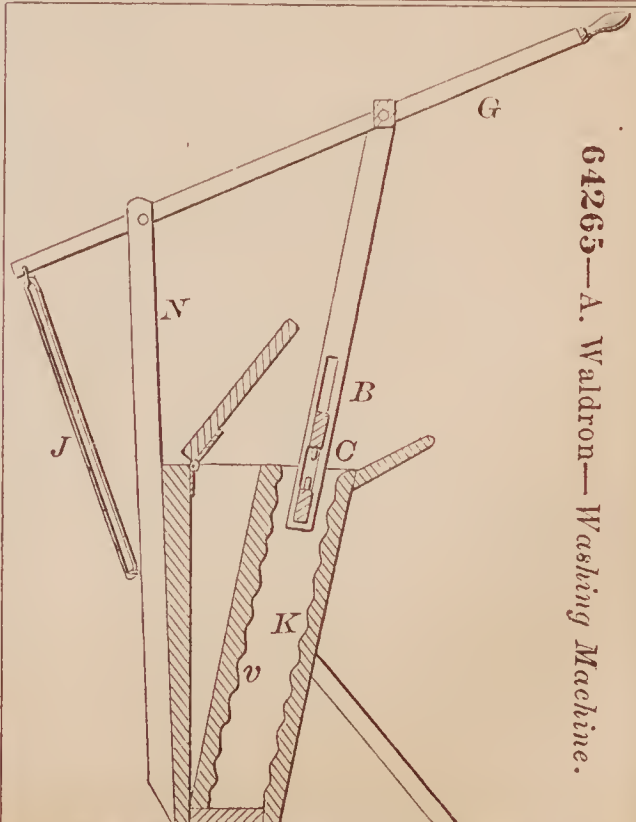
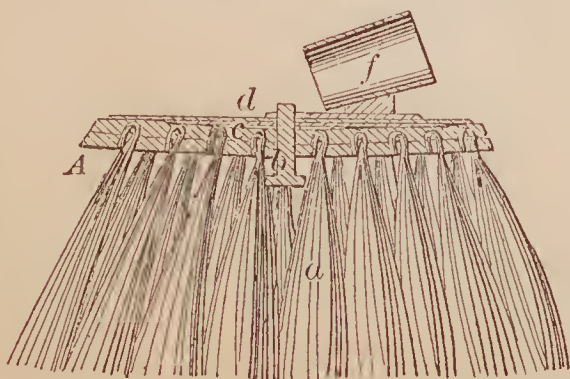
64259—J. B. Skinner—Plow.



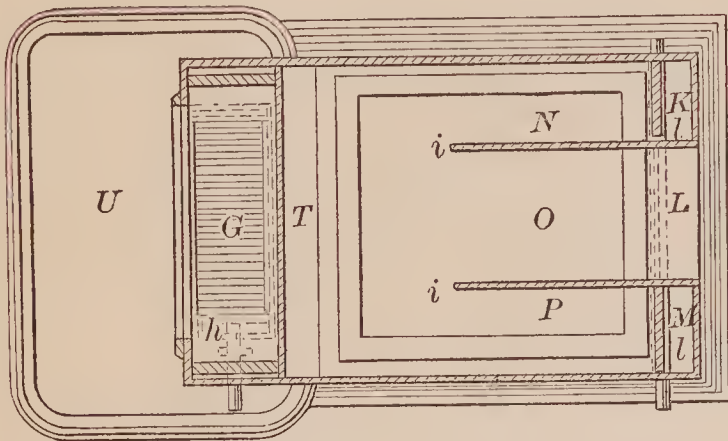
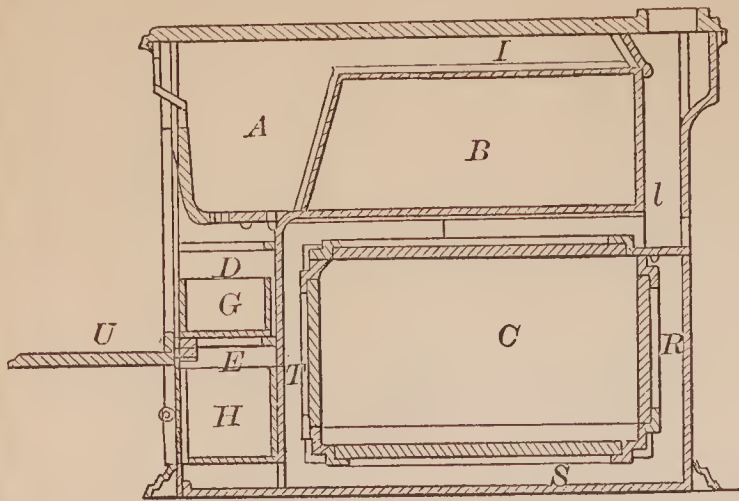
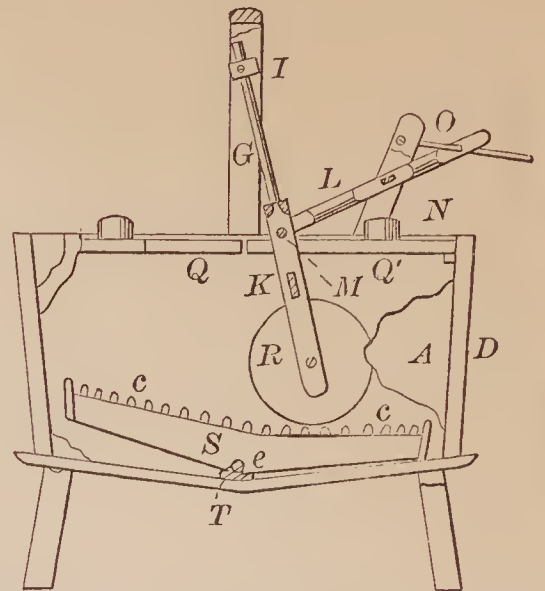
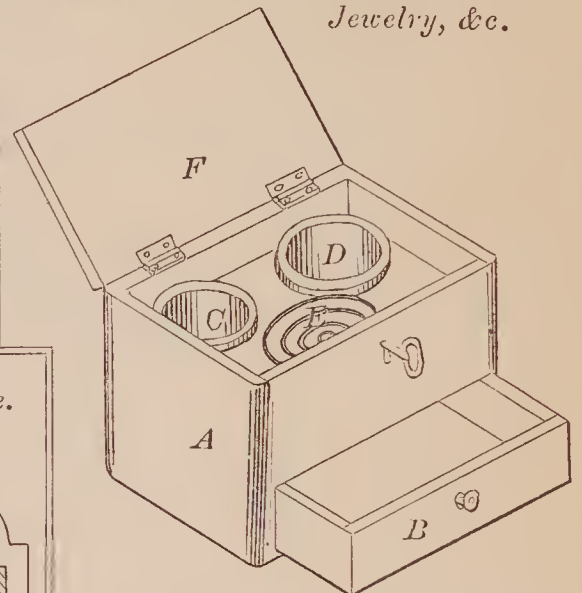
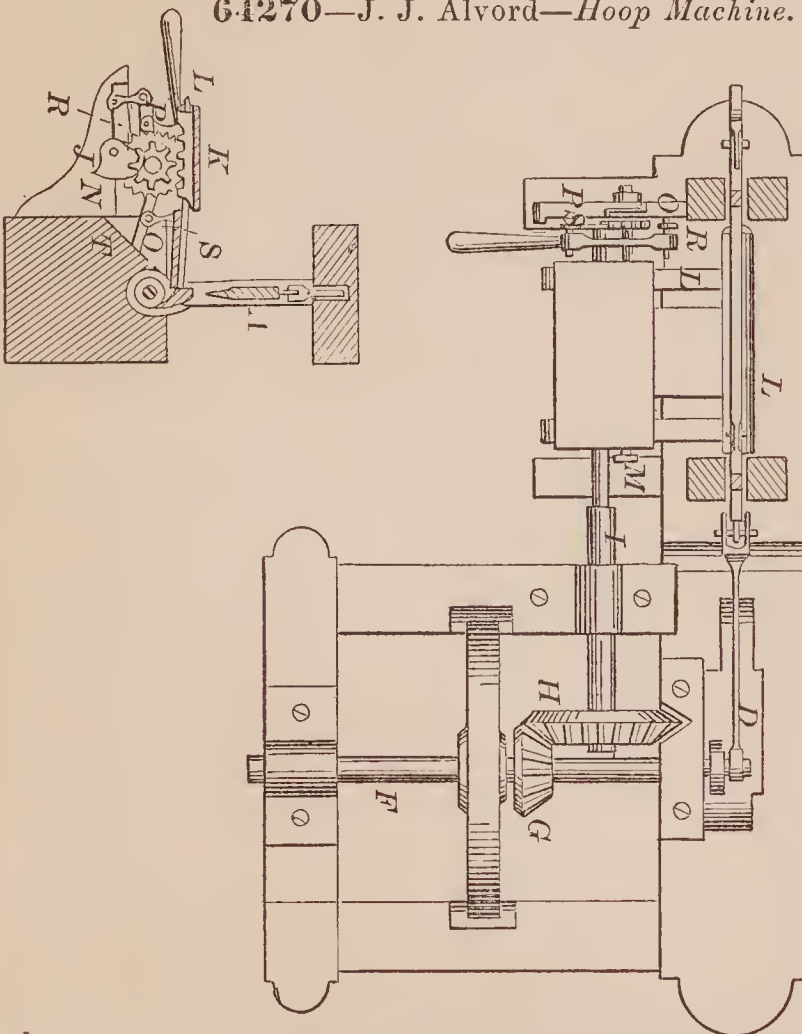
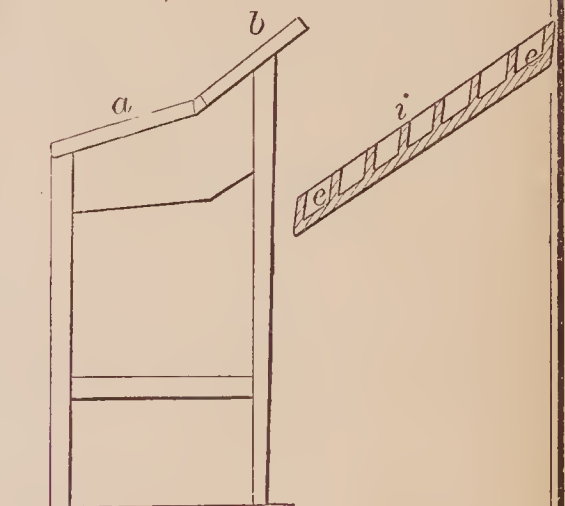
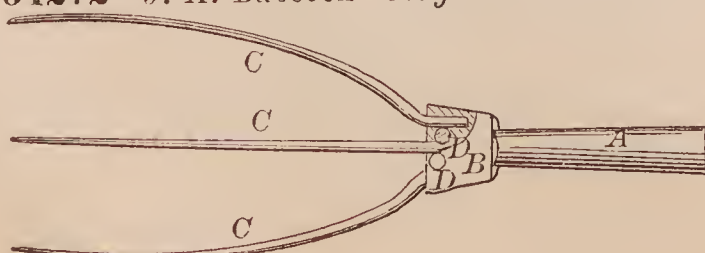
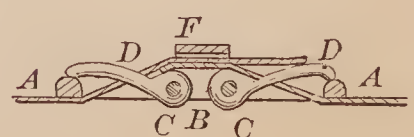
64264—L. M. Townsley—Window Blind Fastening.



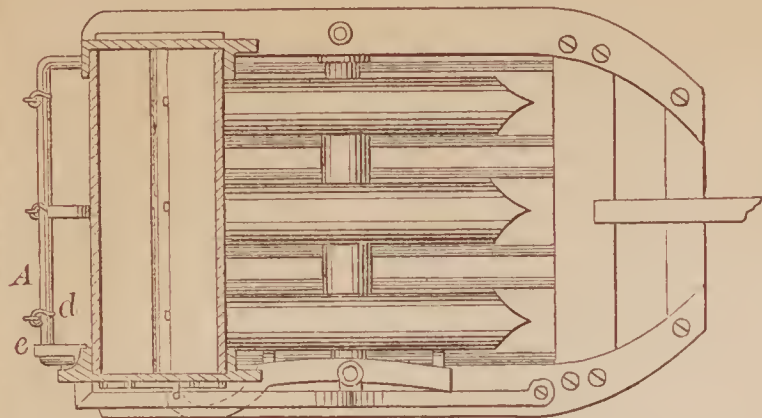
64266—J. S. White—Window Brush.



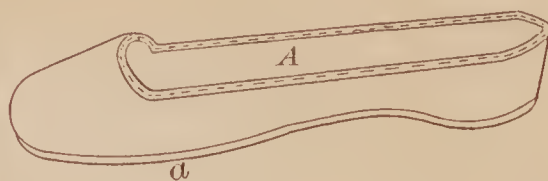
64265—A. Waldron—Washing Machine.

64267—C. Williams—*Cooking Stove.*64268—D. Williams—*Washing Machine.*64271—J. Annin—*Cleaning Watches, Jewelry, &c.*64270—J. J. Alvord—*Hoop Machine.*64269—C. L. Alexander—*Printer's Type Case.*64272—J. K. Babcock—*Hay and Manure Fork.*64273—J. Barrow—*Buckle.*

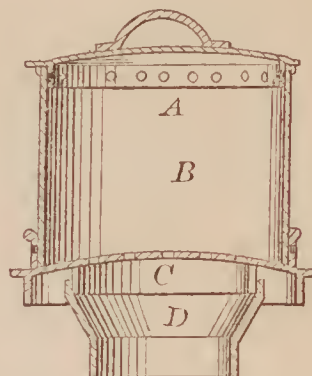
64274—P. D. Beekwith—*Grain Drill.*



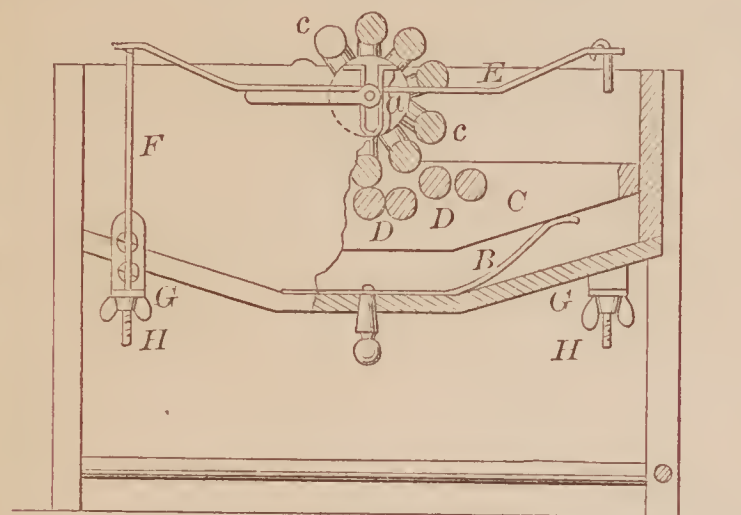
64277—C. R. Broadbent—*Slippers.*



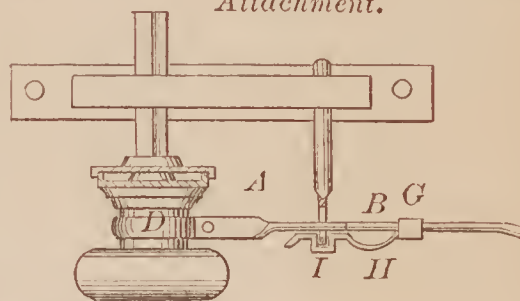
64278—R. Broome—*For Frying, Steaming, &c.*



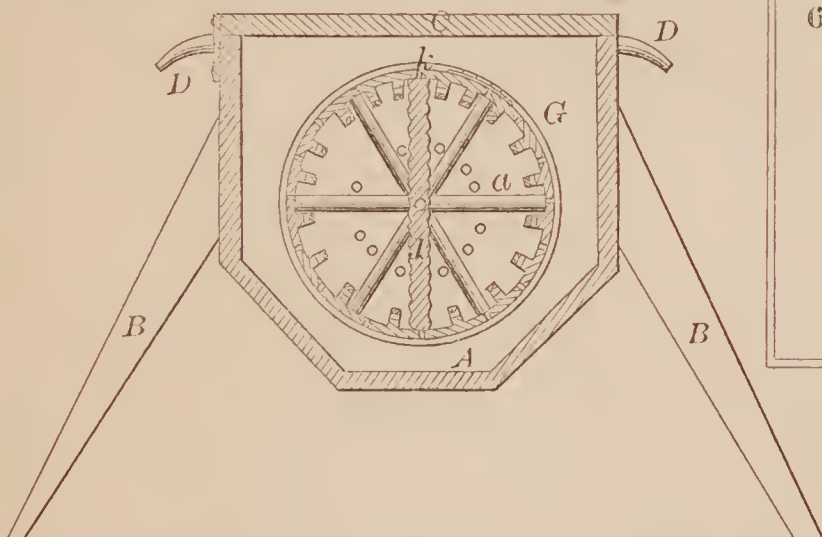
64275—G. W. Benton—*Washing Machine.*



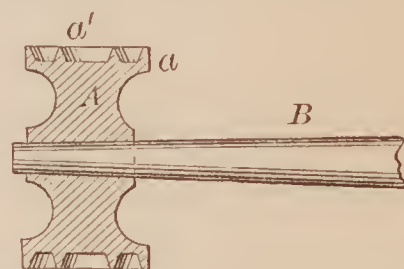
64281—D. E. Campbell—*Door Key Attachment.*



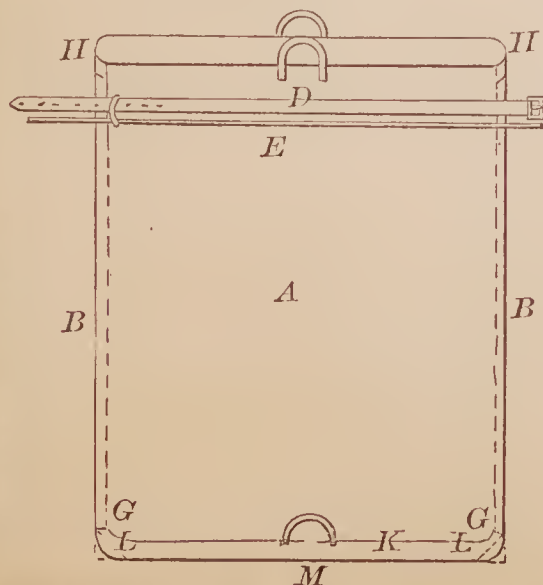
64276—J. W. Bradley—*Washing Machine.*



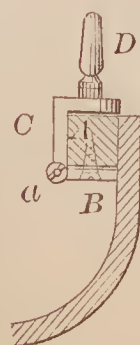
64279—A. H. Brown—*Meat Hammer.*



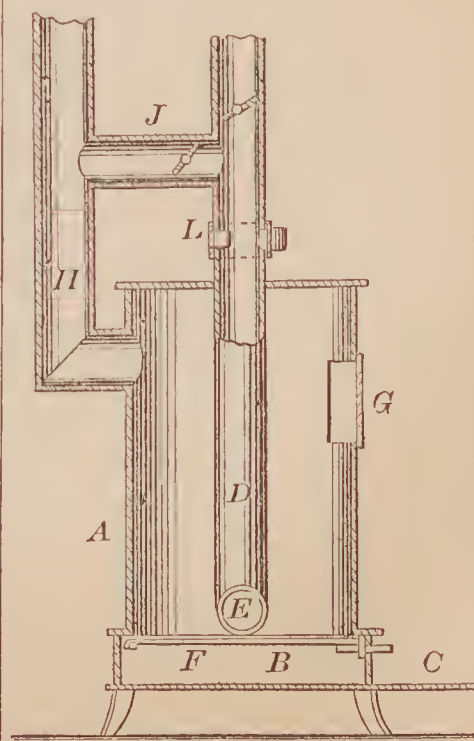
64283—W. B. Coates—*For Preserving Ice.*

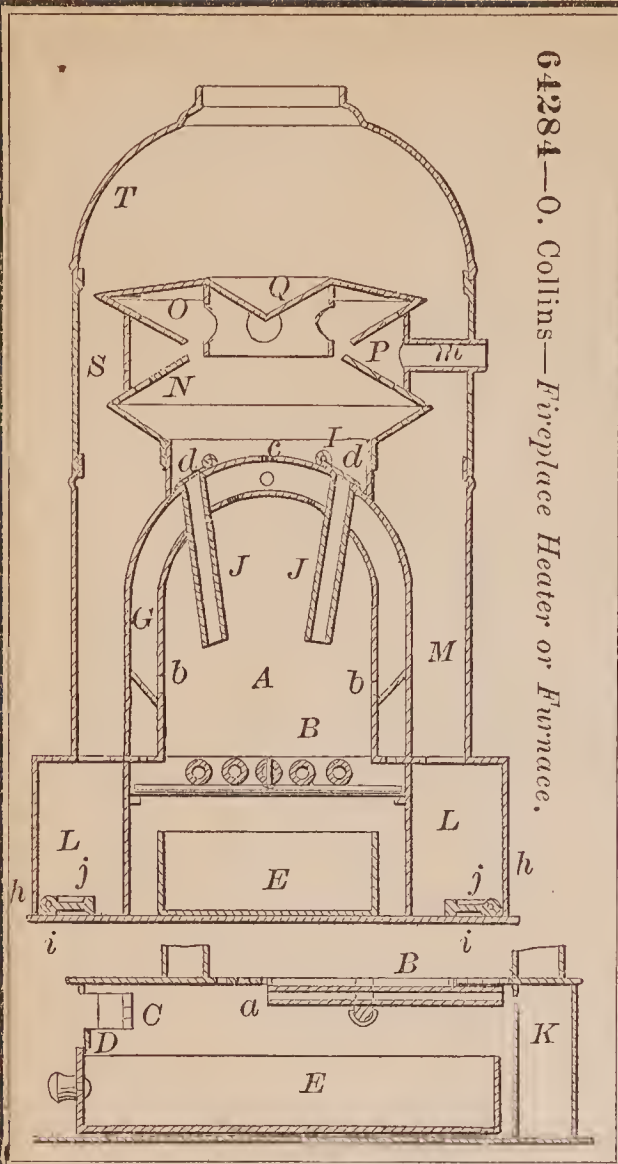


64280—G. W. Browne—*How Lock.*

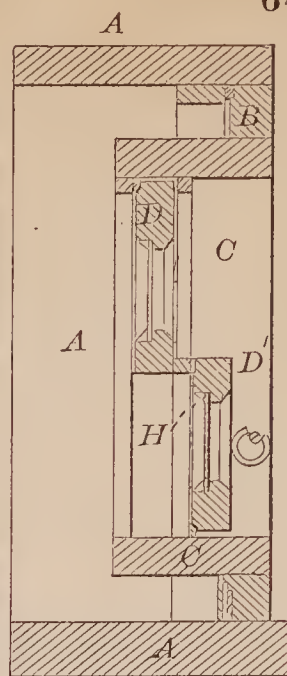


64282—W. W. Carpenter—*Heating Stove.*

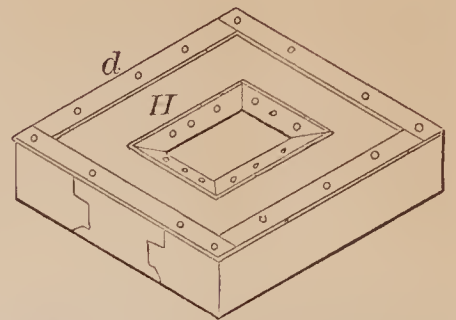




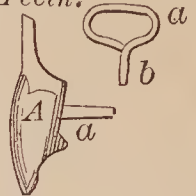
64284—O. Collins—Fireplace Heater or Furnace.



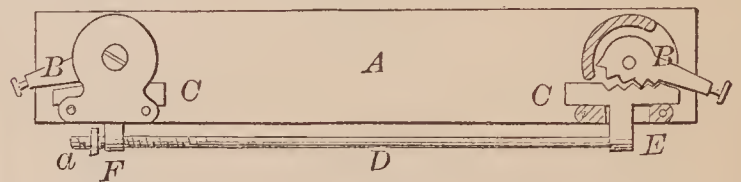
64288—G. Dewey—Window Sash.



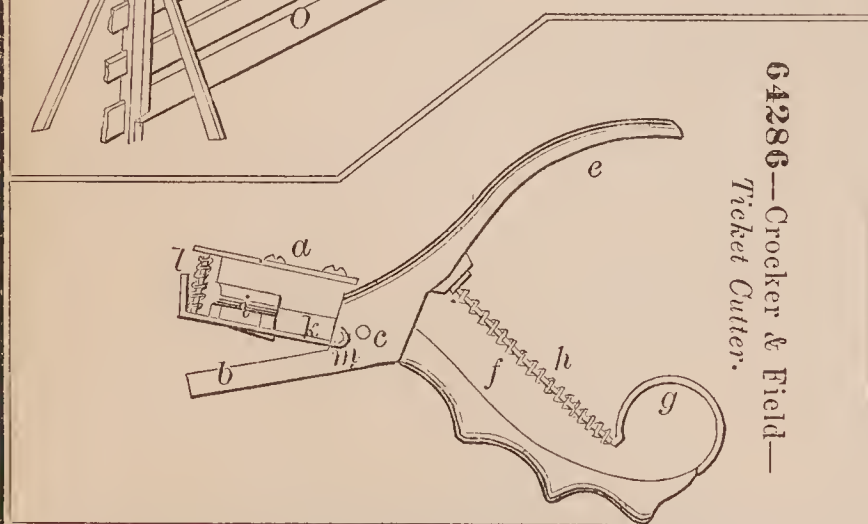
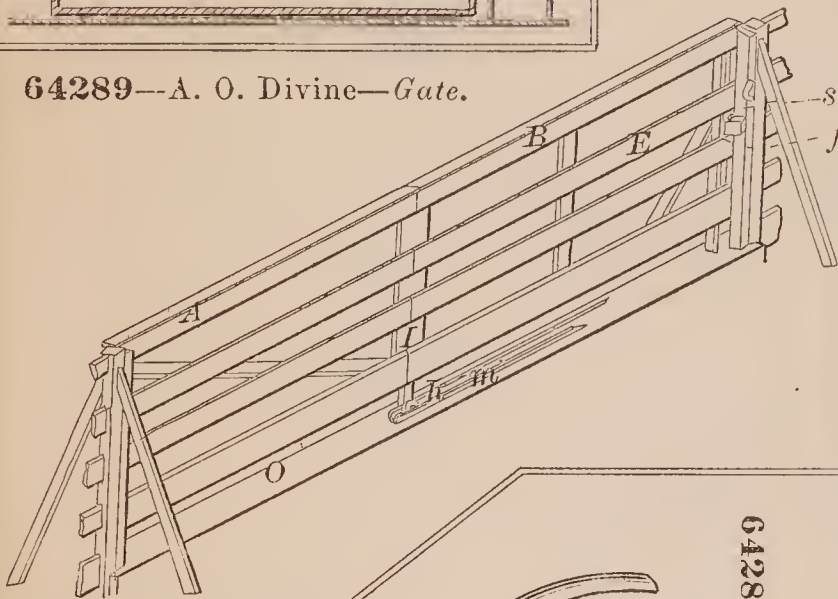
64287—J. C. K. Crooks—For Artificial Teeth.



64290—E. N. Dodge—Whiffletree.

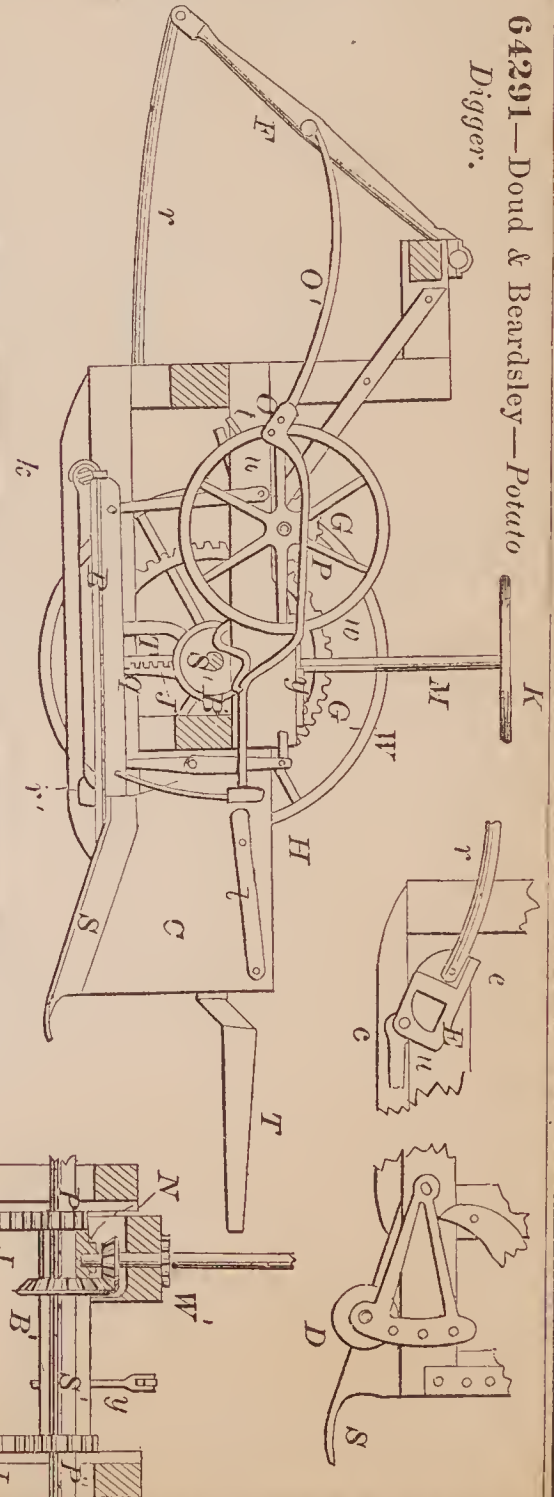
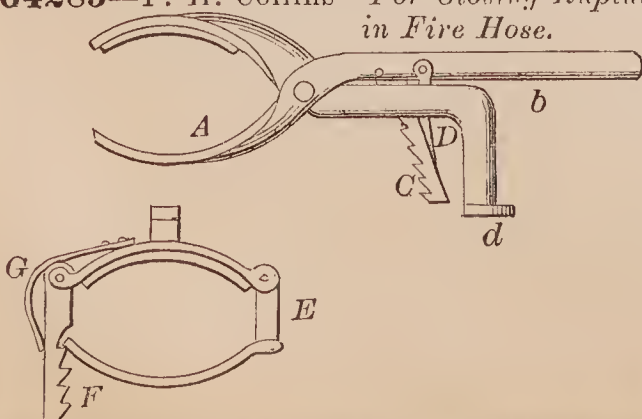


64289—A. O. Divine—Gate.



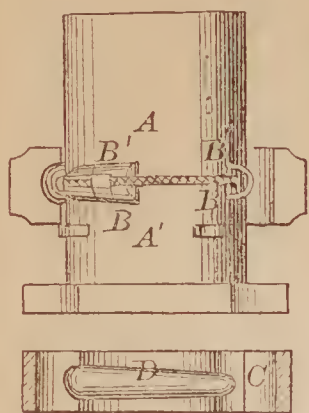
64286—Crocker & Field—Ricket Cutter.

64285—P. H. Collins—For Closing Ruptures in Fire Hose.

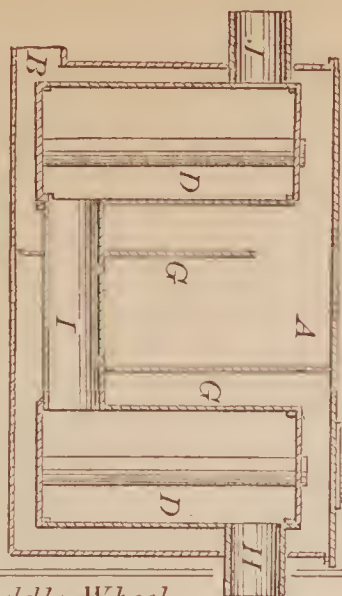


64291—Dond & Beardsley—Potato Digger.

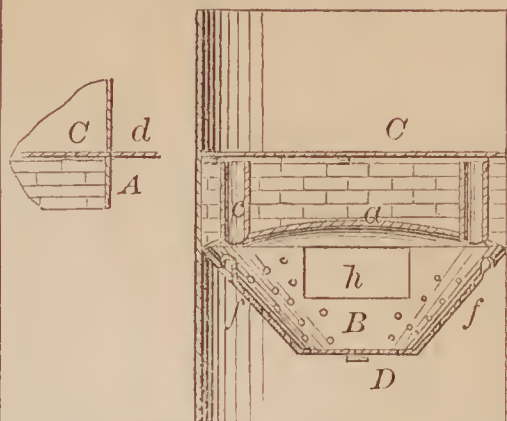
64292—J. W. Douglas—*Hose Coupling.*



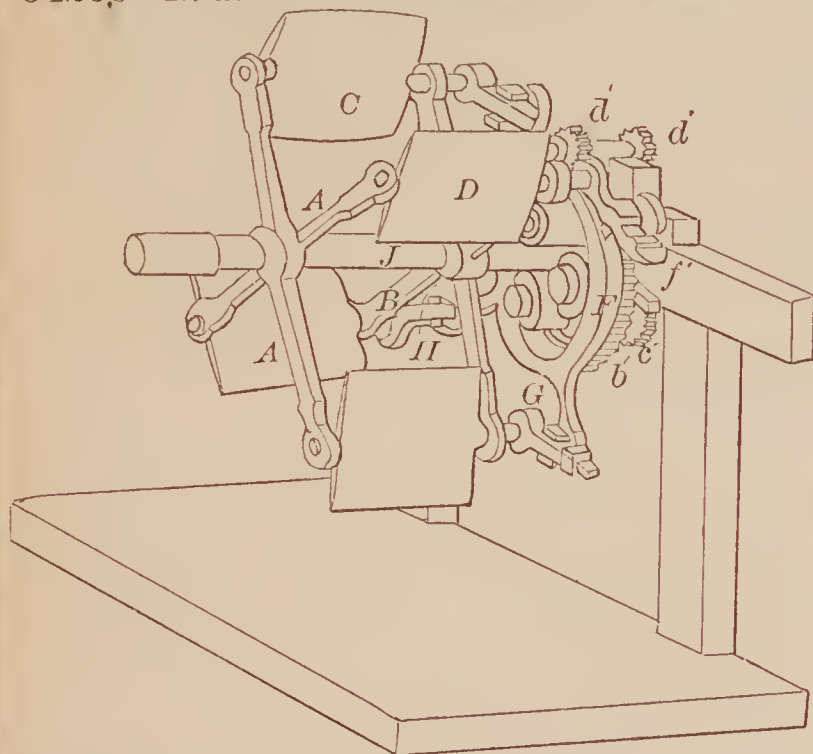
64293—Duryea & Ennis—*Heating Drum.*



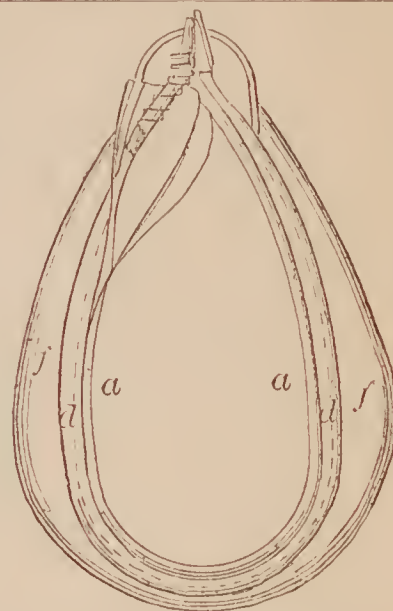
64294—Duryea & Ennis—*Furnace for Burning Sawdust, &c.*



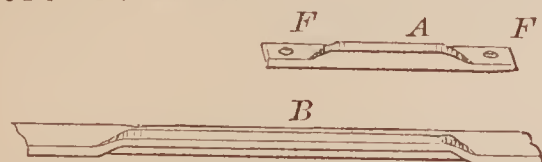
64295—N. T. Edson—*Paddle Wheel.*



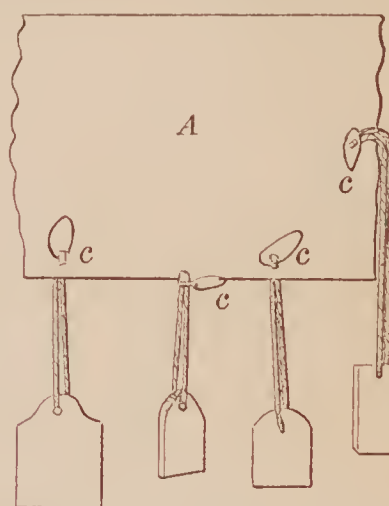
64296—E. P. Edstrom—*Horse Collar.*



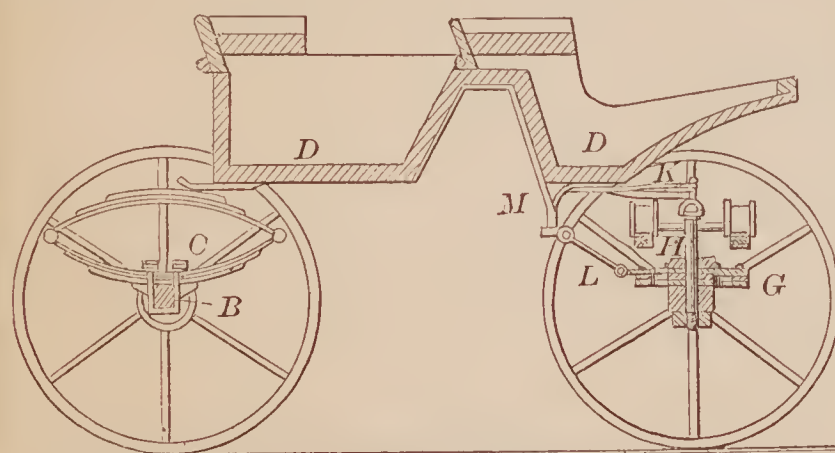
64297—B. M. Esterle—*Railroad Rail.*



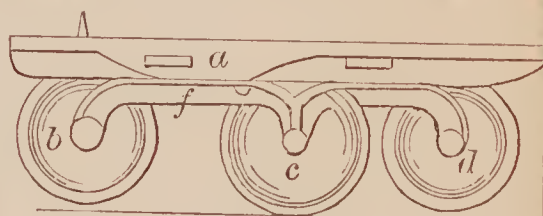
64298—S. B. Fay—*String Tag.*



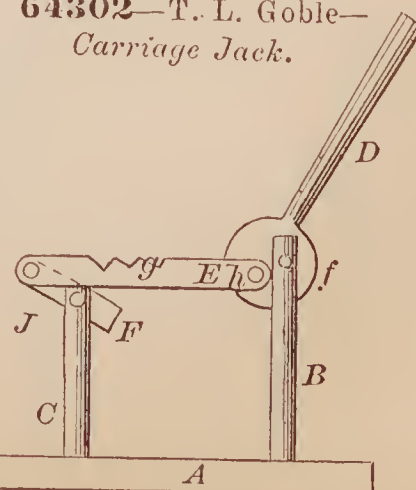
64299—T. A. & A. F. Fisher—*Carriage.*



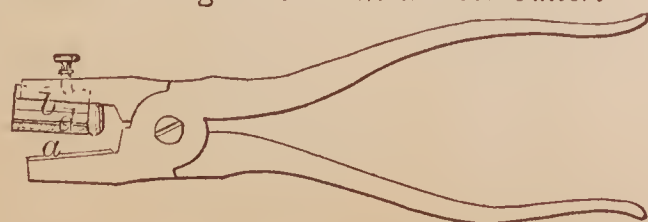
64301—G. Flint—*Parlor Skate.*

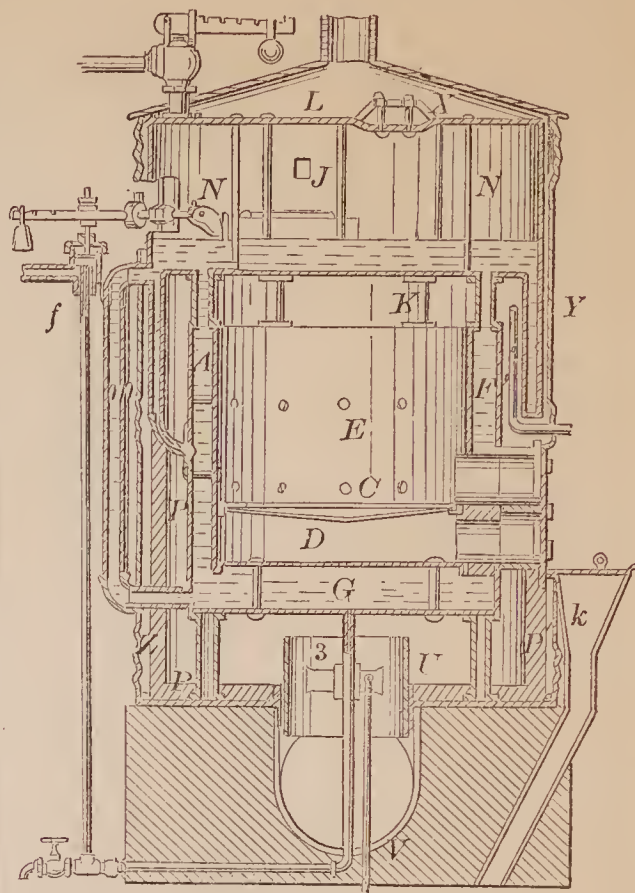
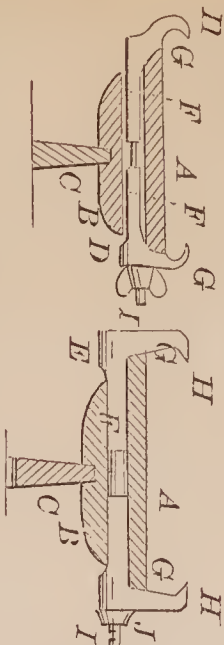
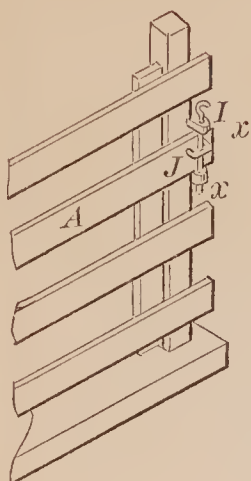
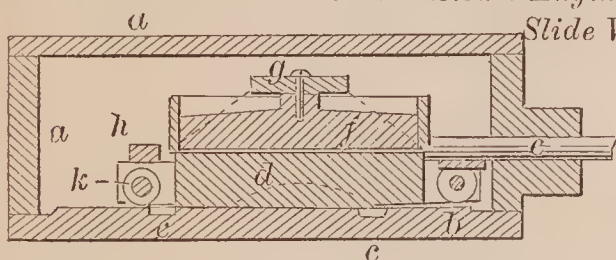
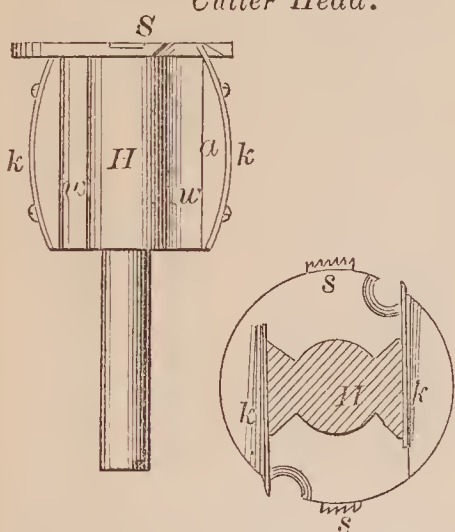
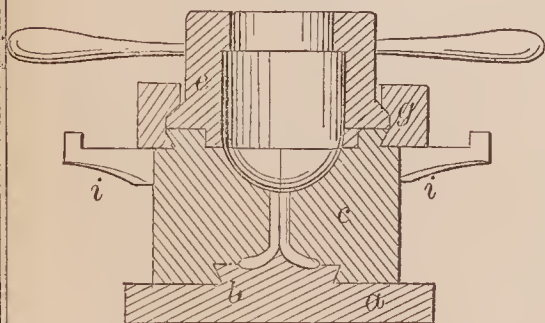
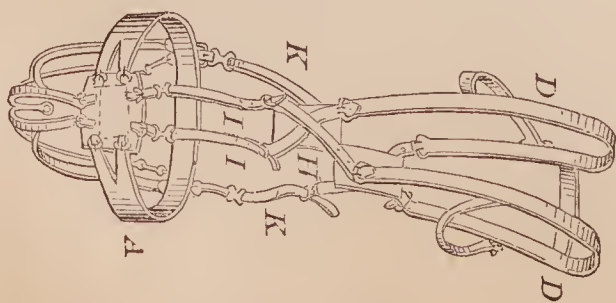
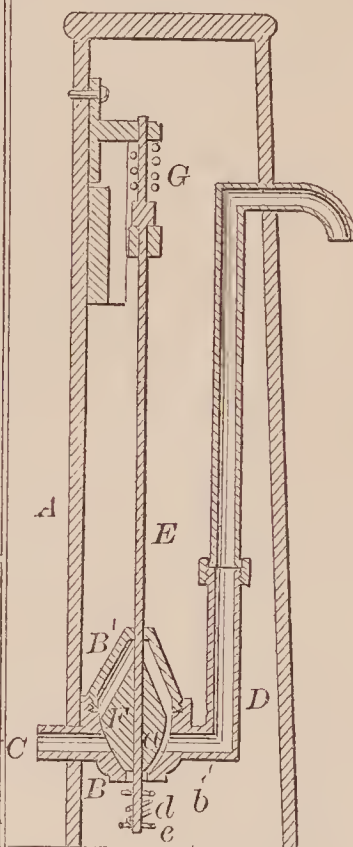
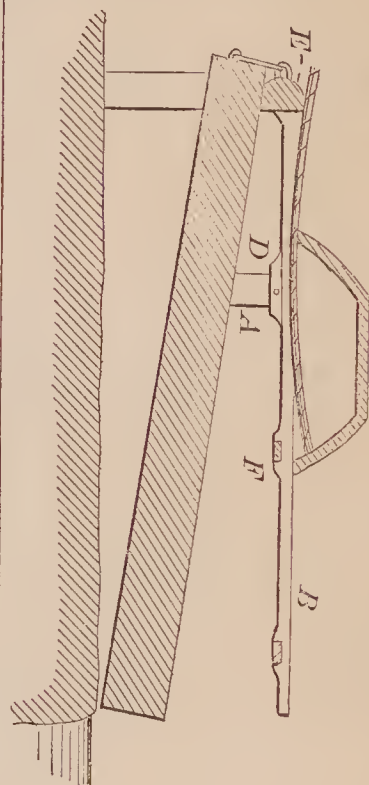
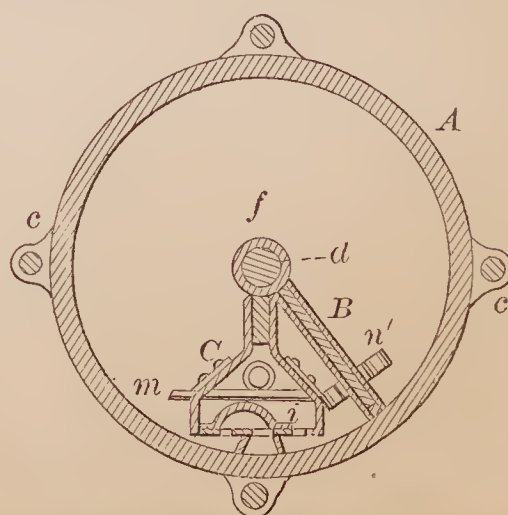


64302—T. L. Goble—*Carriage Jack.*

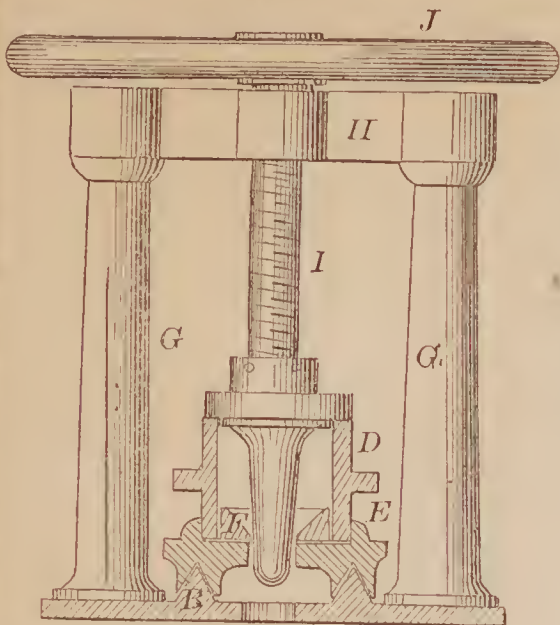


64300—W. Fitzgerald—*Button Hole Cutter.*

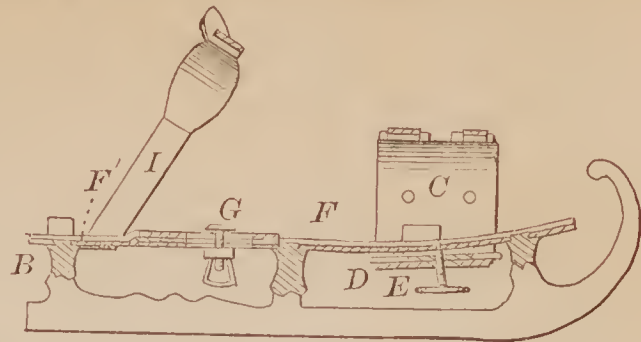


64306—C. H. Gould—*Steam Generator.*64304—C. Gooch—*Slide.*64303—J. & W. B. Goff—*Gate.*64305—Goodrich & Mason—*Steam Engine Slide Valve.*64308—J. L. Graham—*Tenoning Cutter Head.*64312—R. E. Haines—*Glass Ware Mould.*64311—P. S. Greenamyre—*Supporter.*64307—D. R. Gould—*Hydrant.*64309—J. Granger—*Boat Builder's Platform.*64310—T. Green—*Water Meter.*

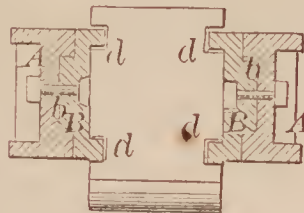
64313—L. M. Hart—*For Pressing Tuyeres.*



64314—J. Hartman, Jr.—*Skate.*



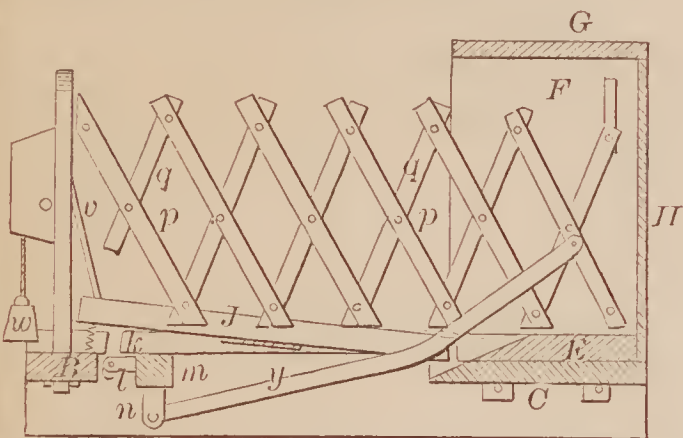
64316—R. Hitchcock—*Guide for Axle Boxes.*



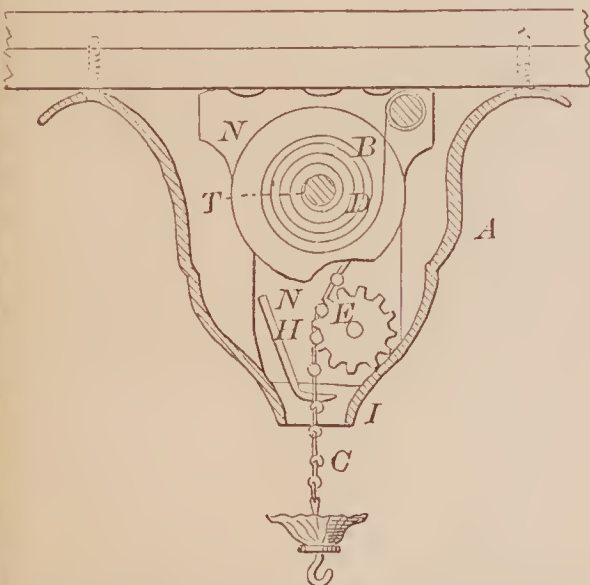
64315—S. C. Hendrickson—*Telegraph Insulator.*



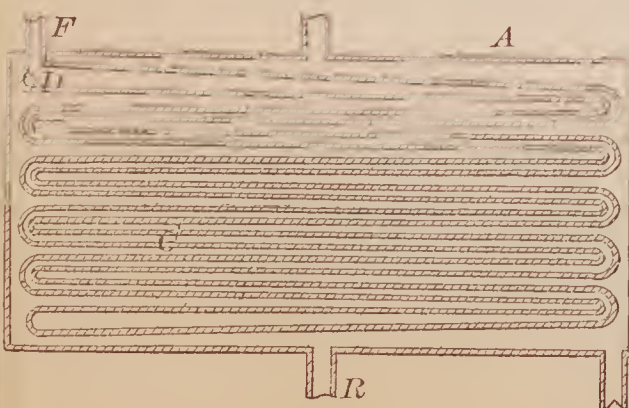
64317—W. Holdredge—*Gate.*



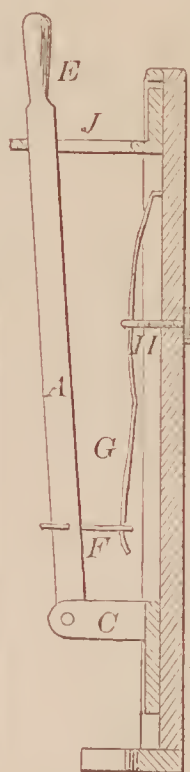
64319—D. T. Hubbell—*For Suspending Lamps.*



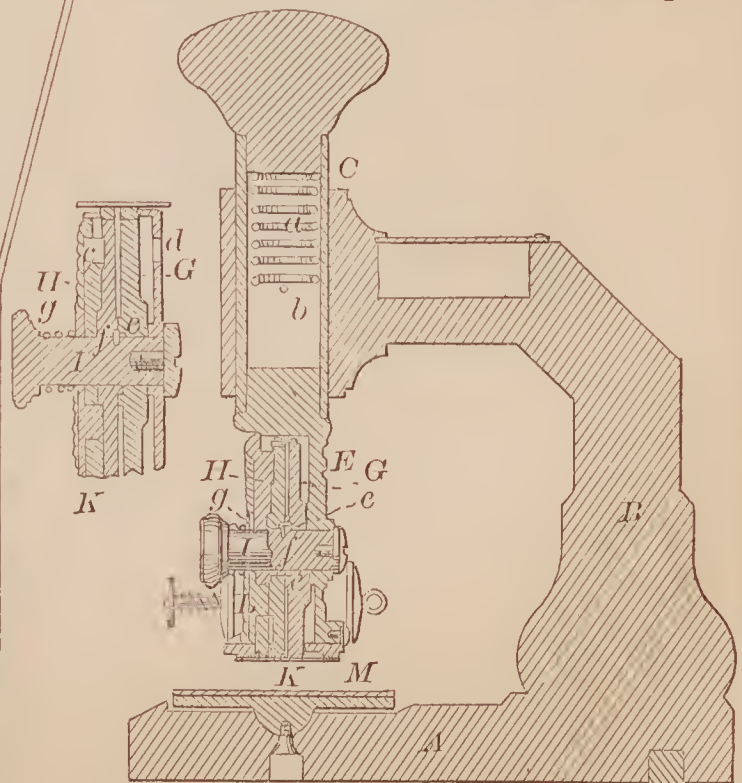
64321—B. Irving—*For Concentrating Extract of Bark for Tanning.*

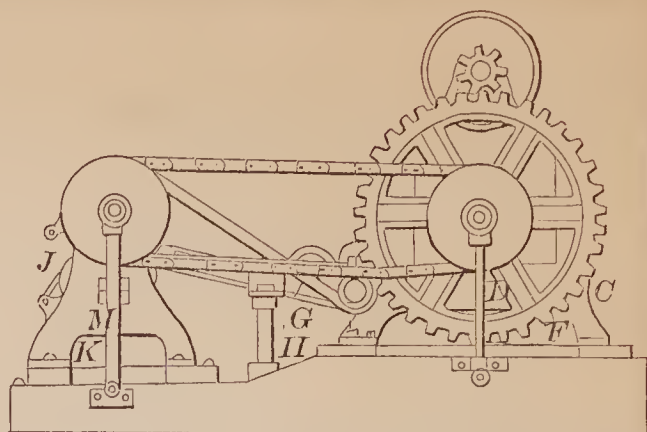
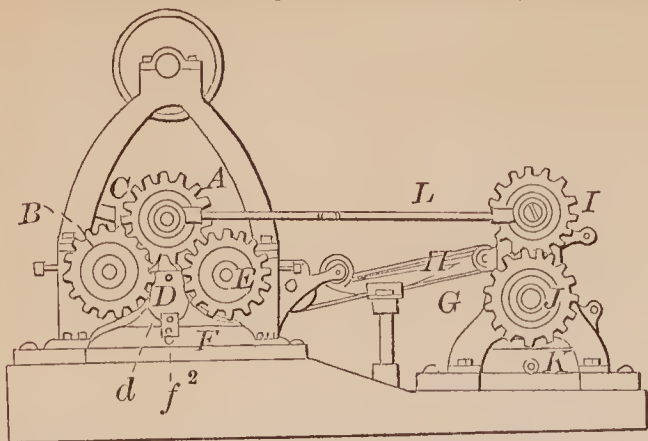
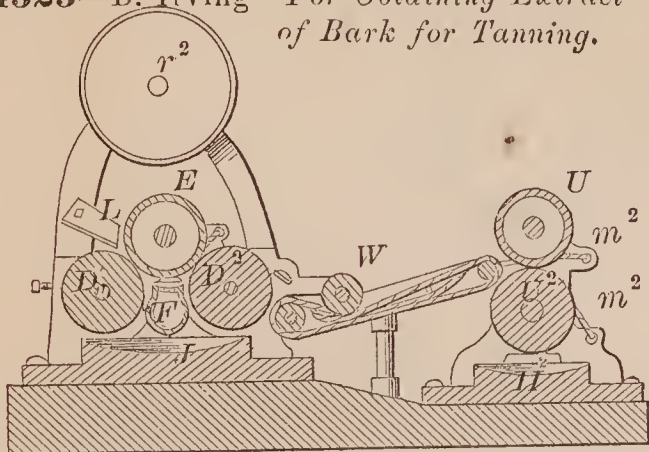
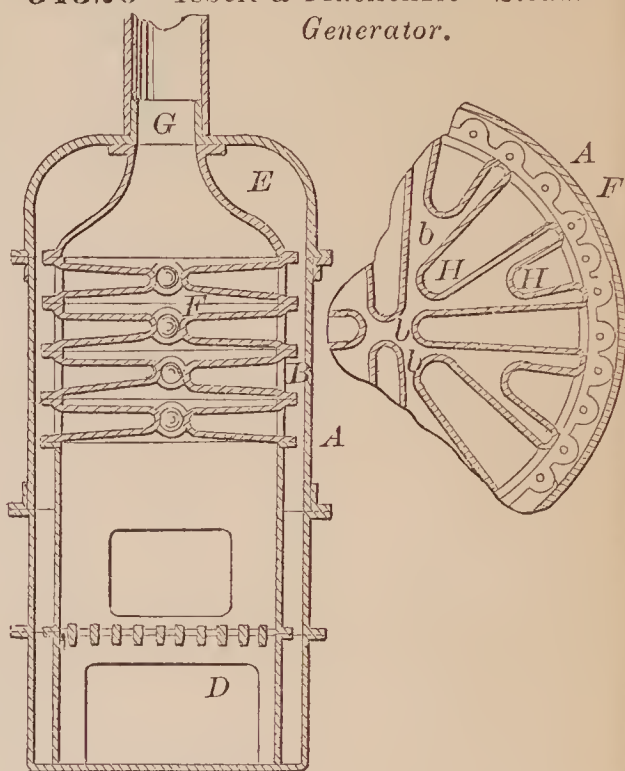
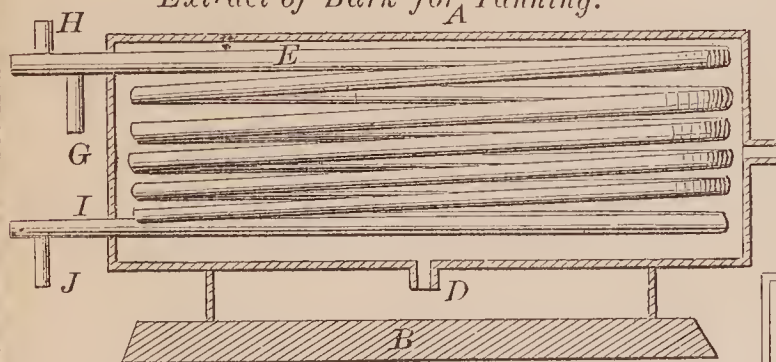
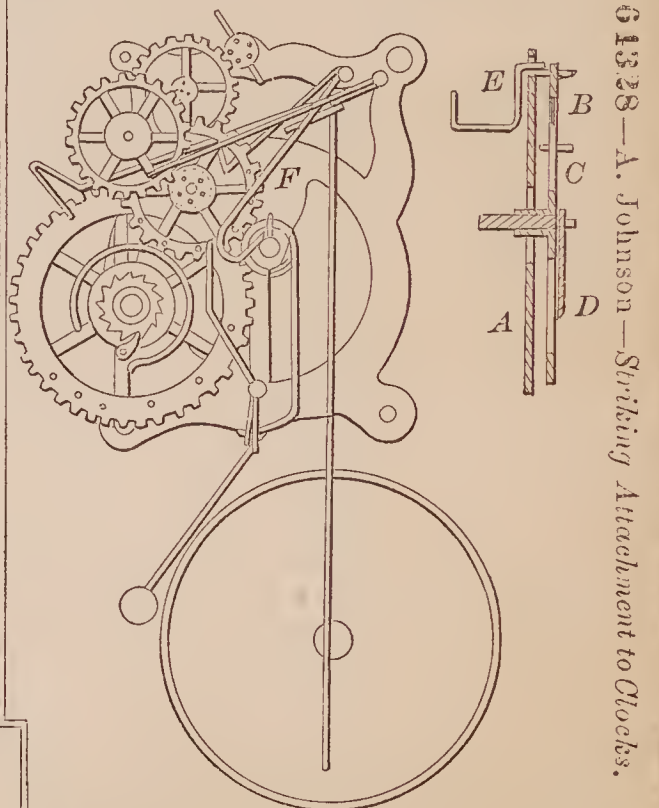
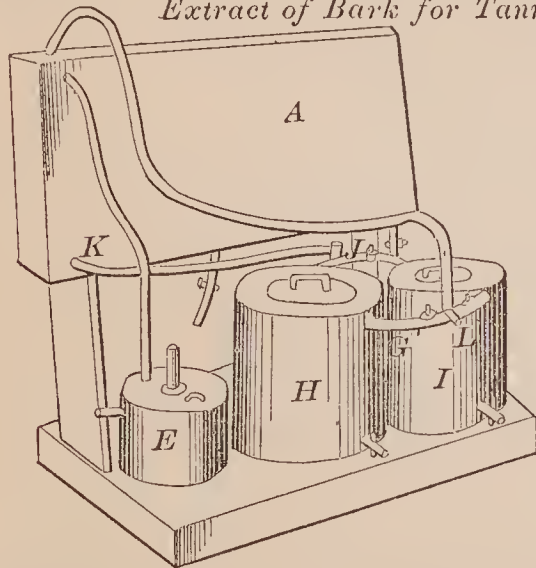
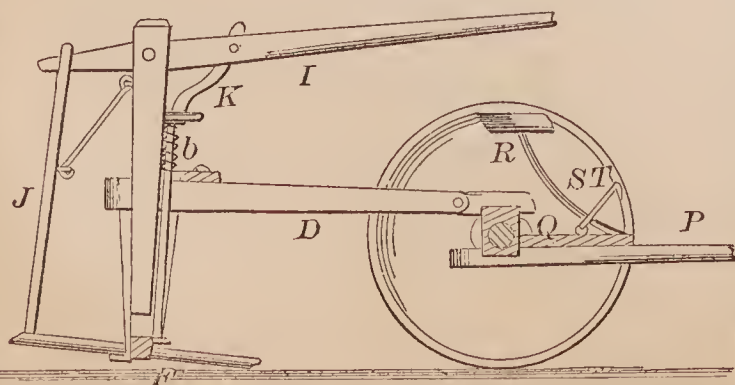
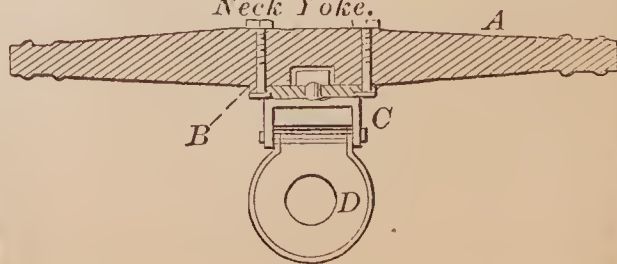


64318—P. Howe—*Hand Spring for Machinery.*

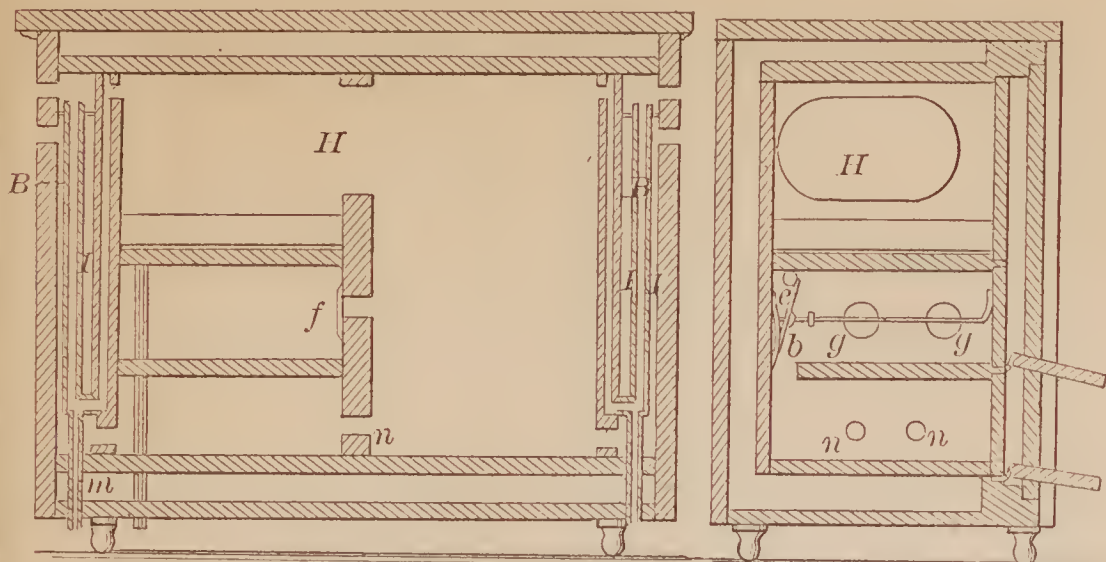


64320—T. S. Hudson—*Hand Stamp.*



64322—B. Irving—*For Obtaining Extract of Bark for Tanning.*64323—B. Irving—*For Obtaining Extract of Bark for Tanning.*64326—Isbell & Mackenzie—*Steam Generator.*64325—B. Irving—*For Concentrating Extract of Bark for Tanning.*64324—B. Irving—*For Concentrating Extract of Bark for Tanning.*64328—A. Johnson—*Striking Attachment to Clocks.*64329—S. A. & L. M. Kays—*Horse Rake.*64327—J. Jacobs—*Self-Adjusting Neck Yoke.*

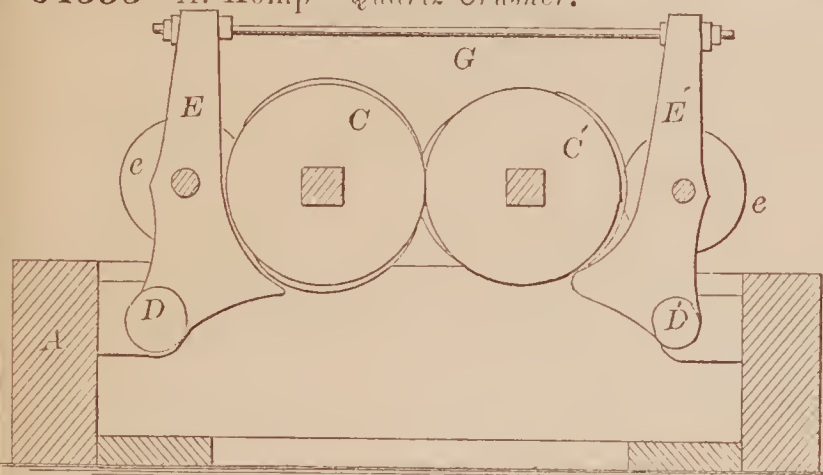
64330—Kidder & Shorey—Refrigerator.



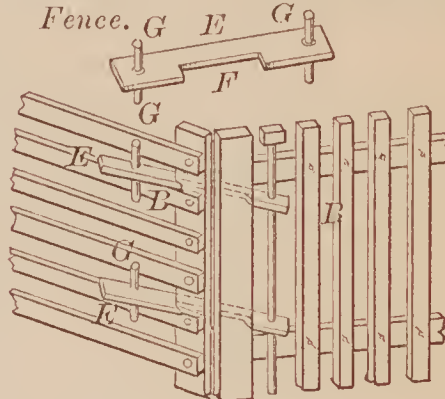
64332—Knapp & Pease—Well Tube.



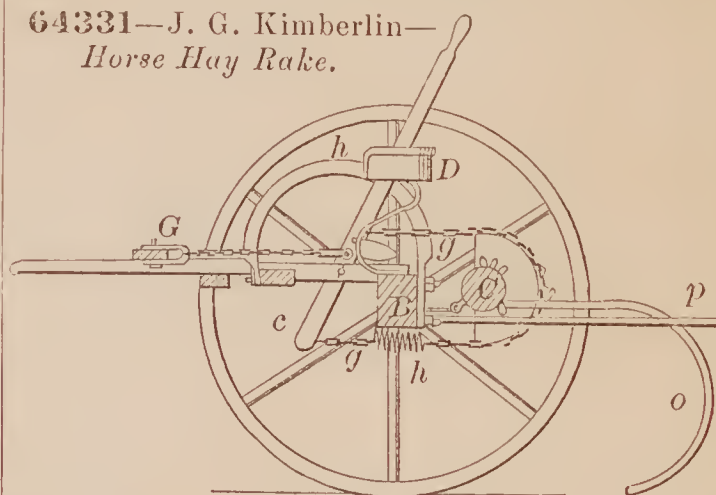
64333—A. Komp—Quartz Crusher.



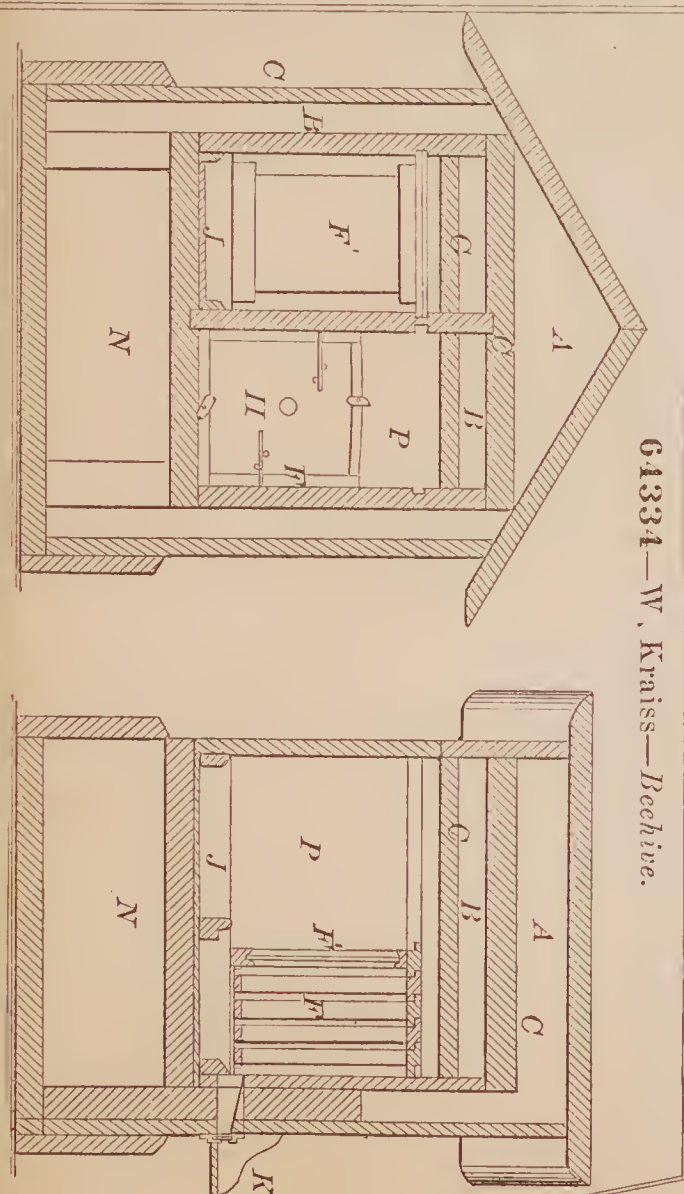
64335—I. L. Landis—Portable Fence.



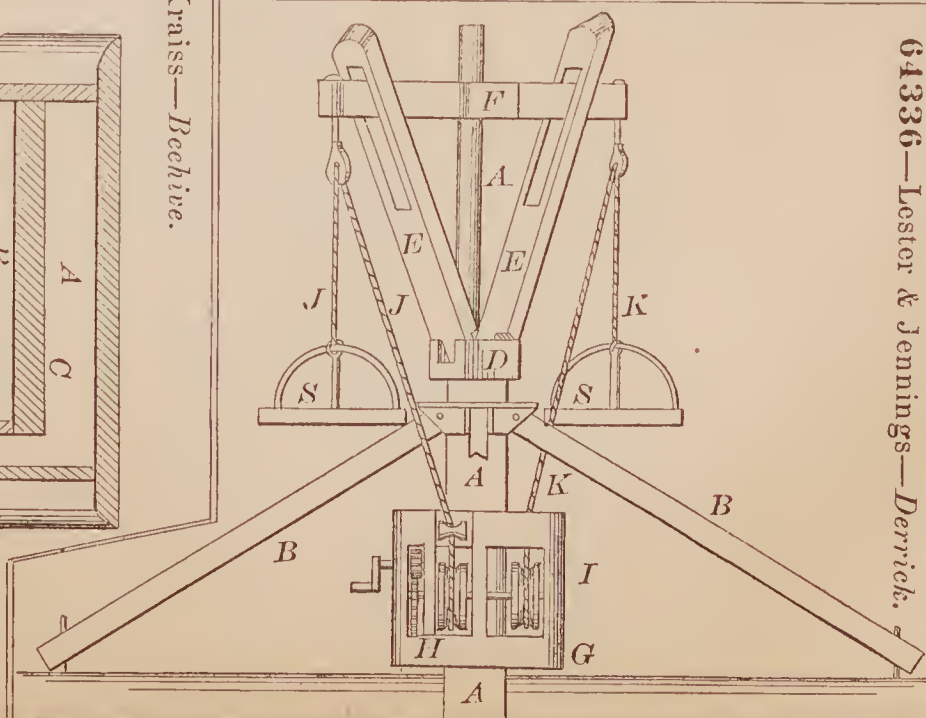
64331—J. G. Kimberlin—Horse Hay Rake.



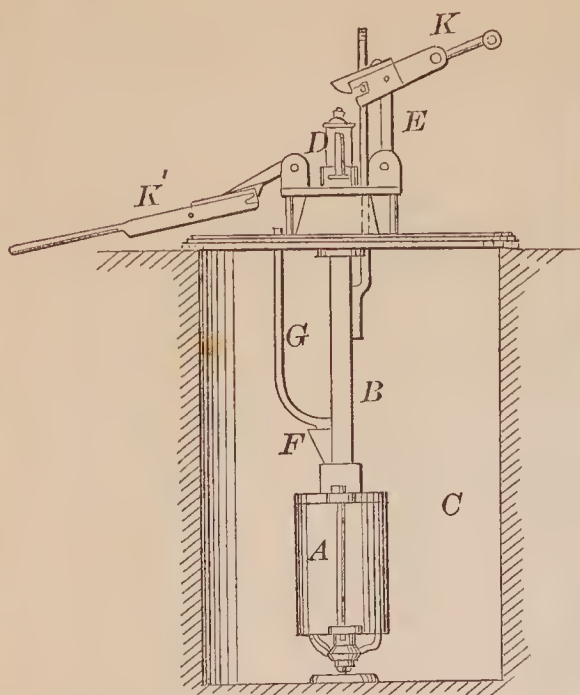
64334—W. Kraiss—Beehive.



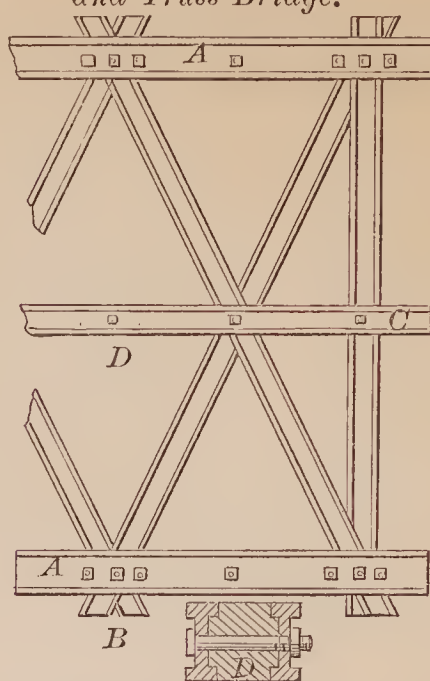
64336—Lester & Jennings—Derrick.



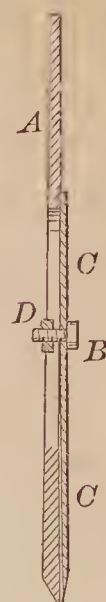
64337—T. Ling—Pump.



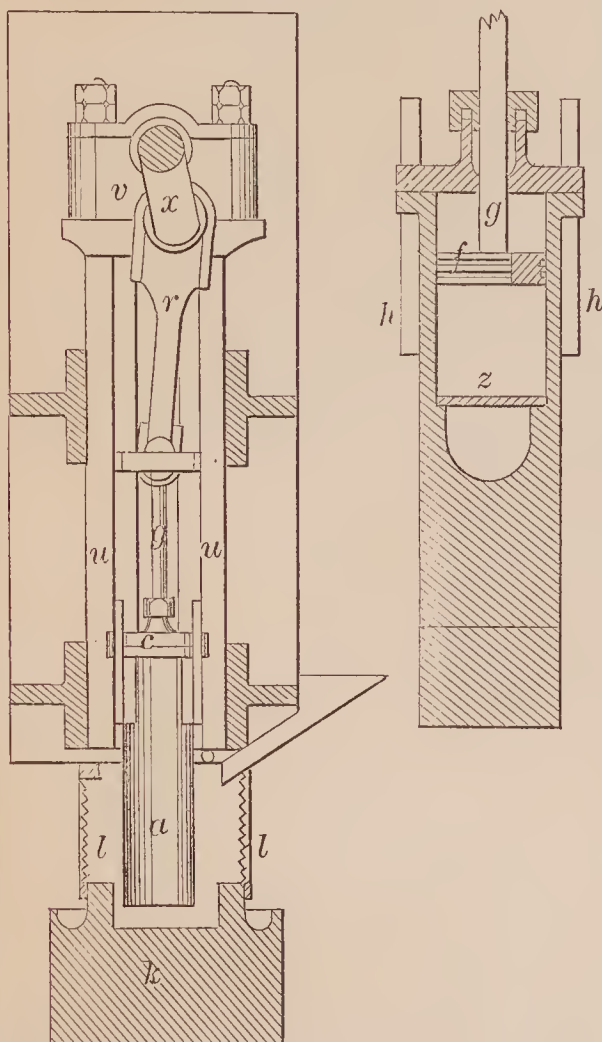
64340—G. B. Manley—Lattice and Truss Bridge.



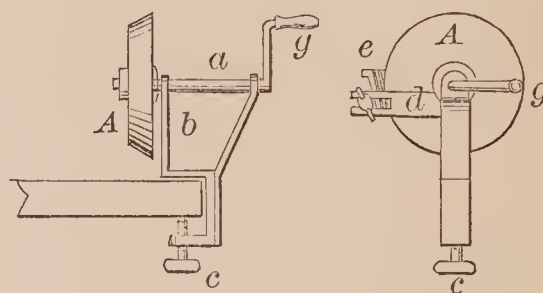
64341—S. Markee—Plane Iron.



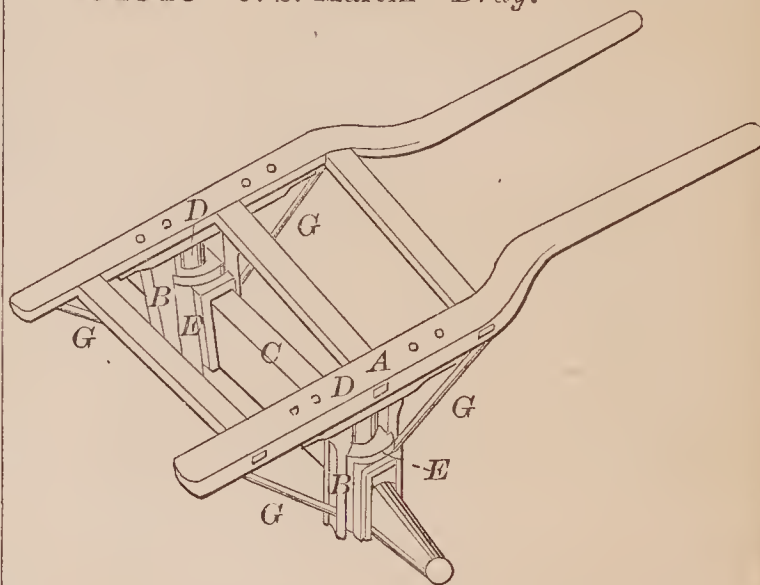
64339—S. F. Mackie—Mill for Crushing Ore.



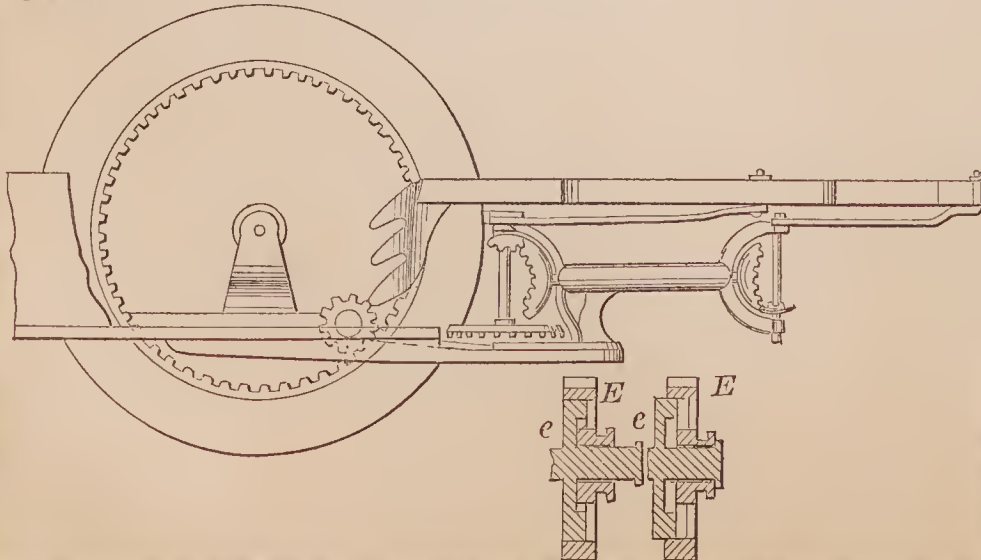
64342—G. B. Markham—Knife Sharpener.



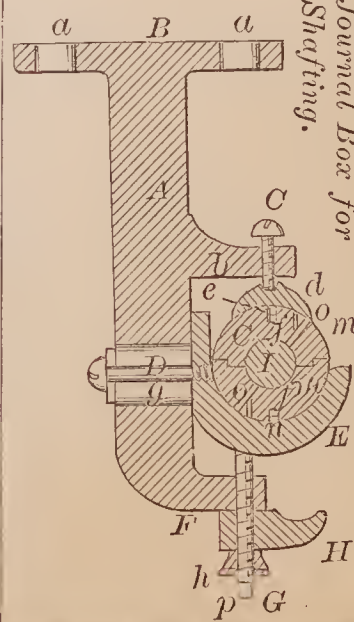
64346—C. S. Martin—Dray.



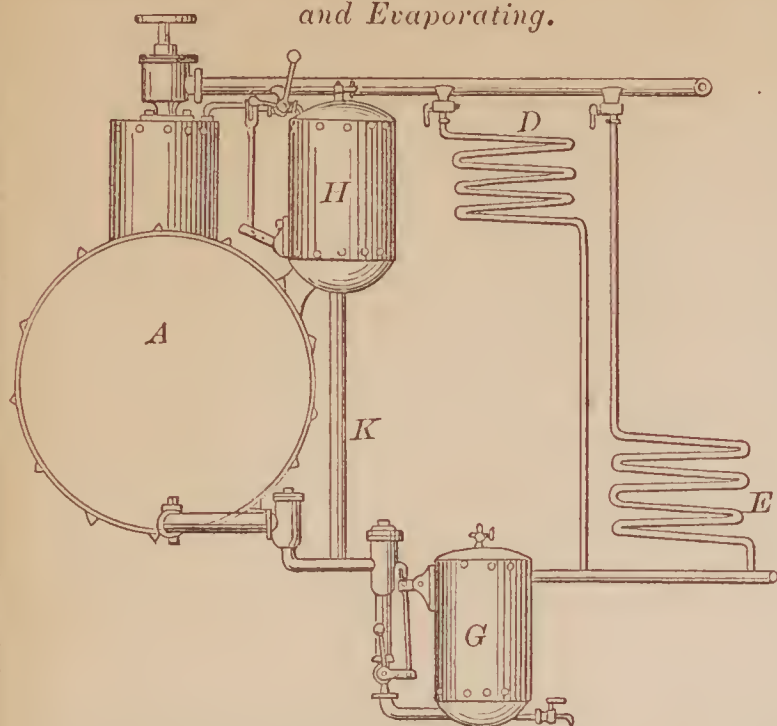
64345—A. J. Martin—Harvester Rake.



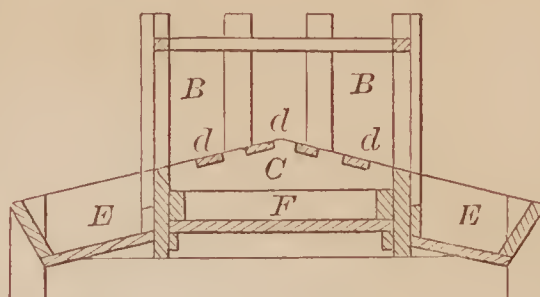
64344—L. D. Mathews—Hanger and Journal Box for Shafting.



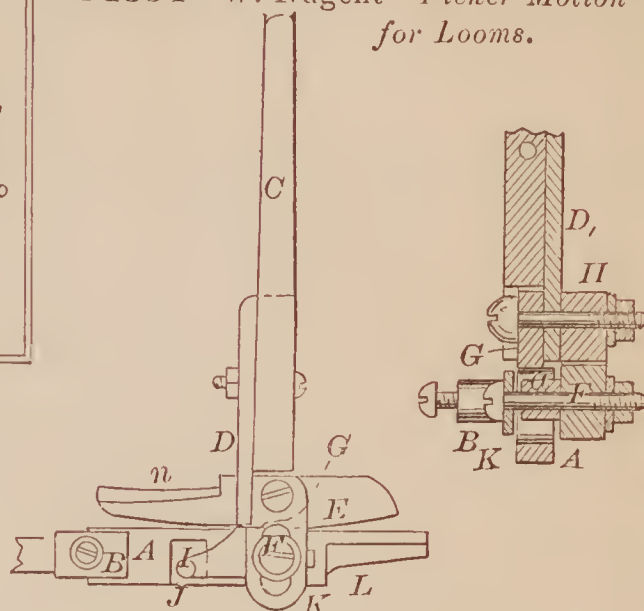
64347—H. Merrill—*Using Steam for Heating and Evaporating.*



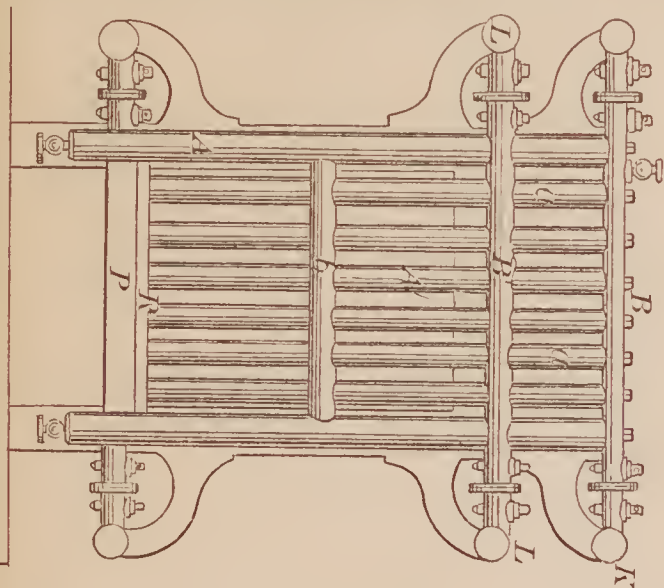
64349—W. Nash—*Hay Rack.*



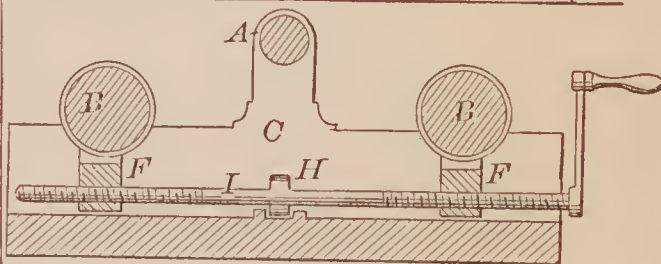
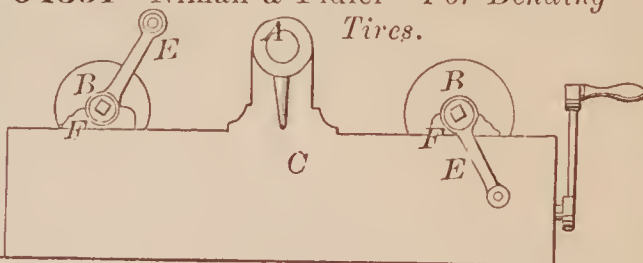
64354—W. Nugent—*Picker Motion for Looms.*



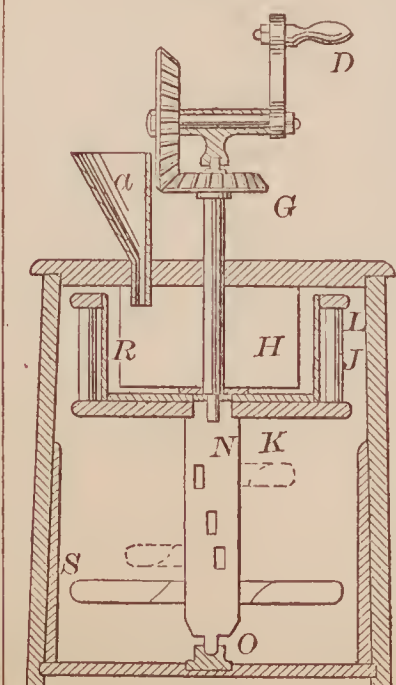
64355—R. J. Nunn—*Steam Generator.*



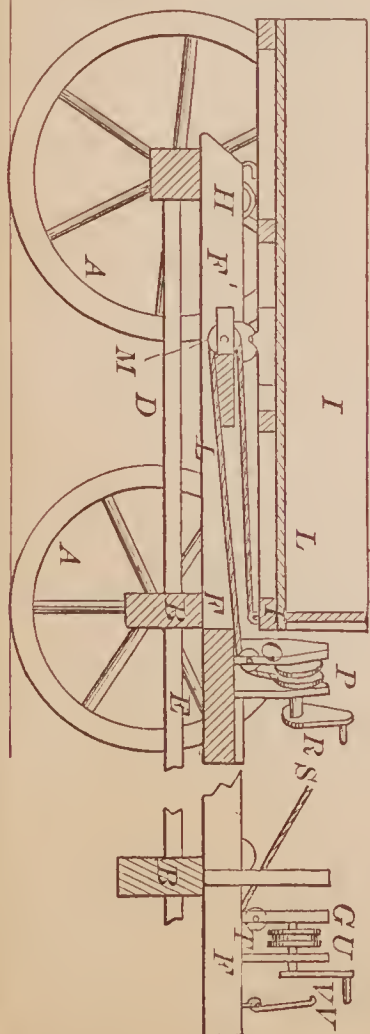
64351—Niman & Fidler—*For Bending Tires.*



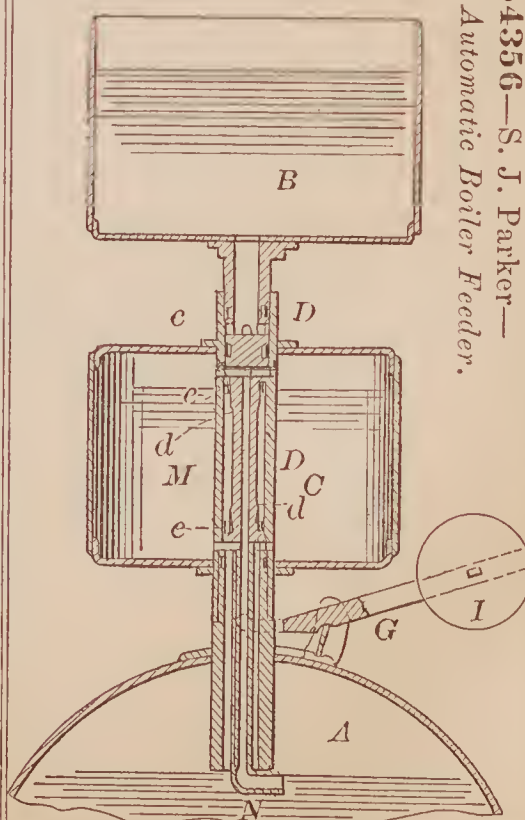
64348—J. W. Myers—*Churn.*

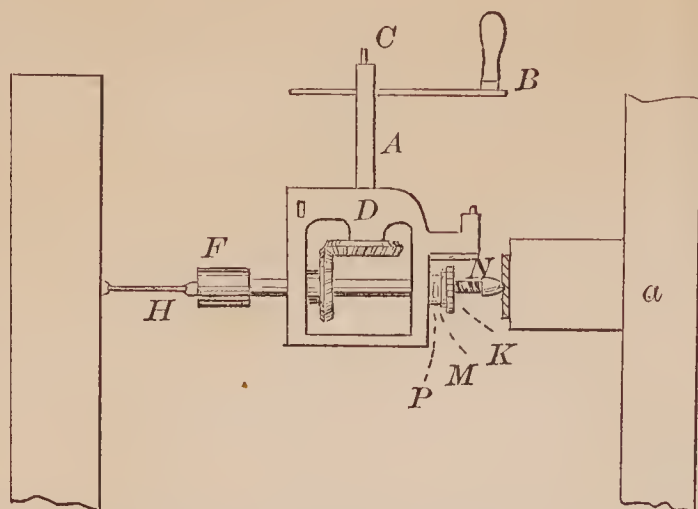
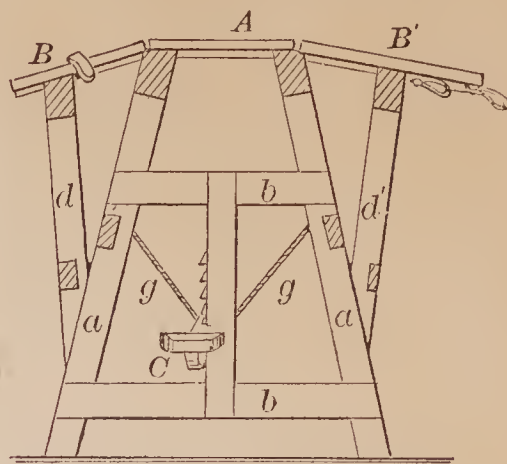
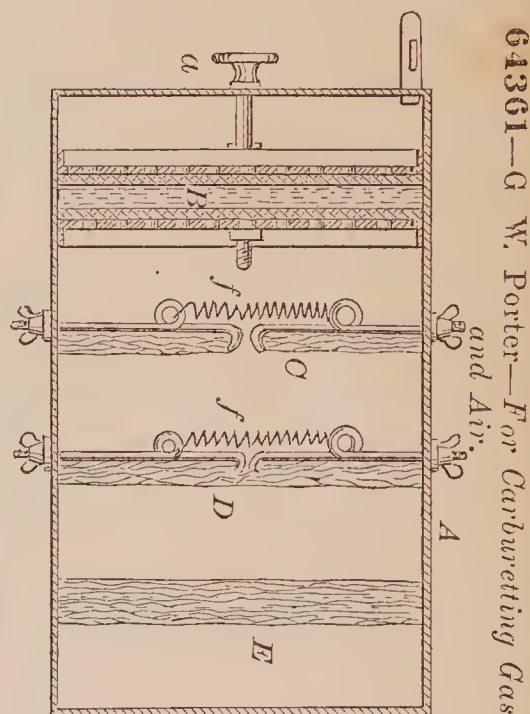
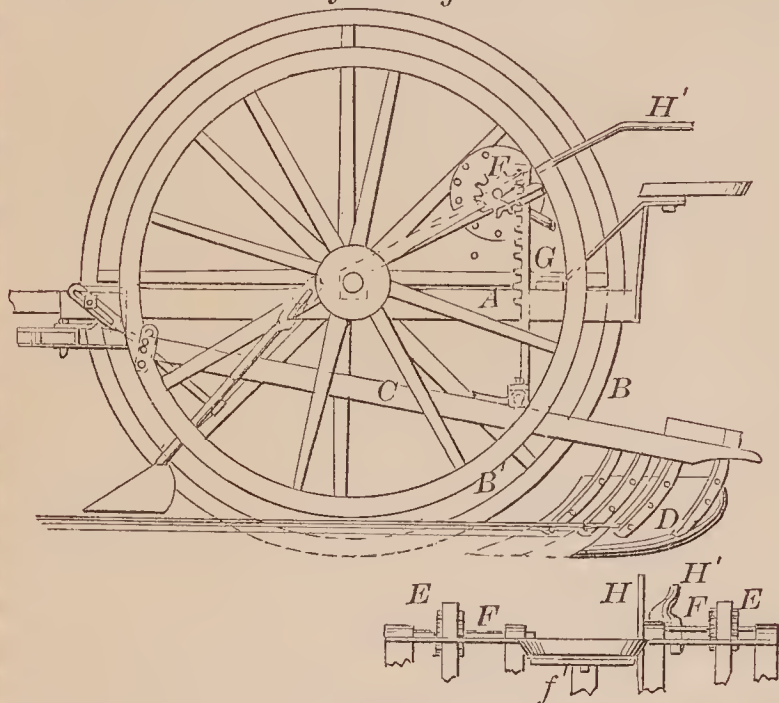
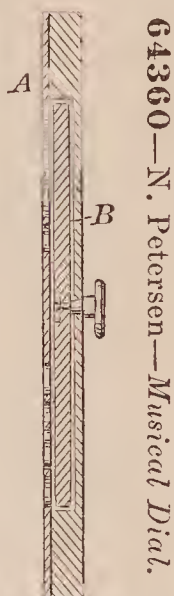
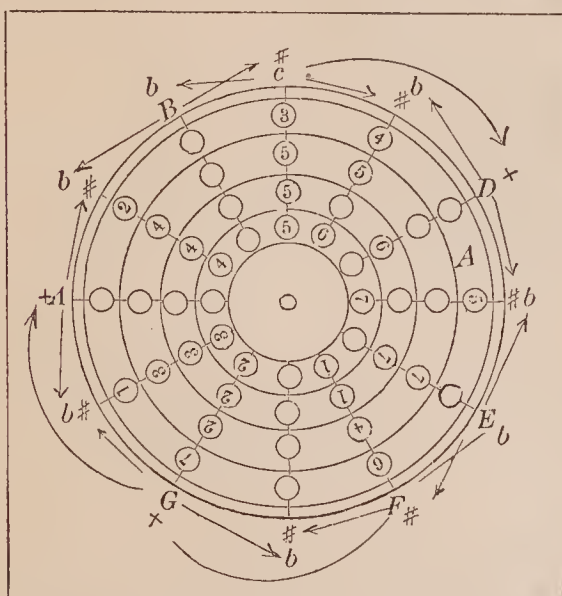
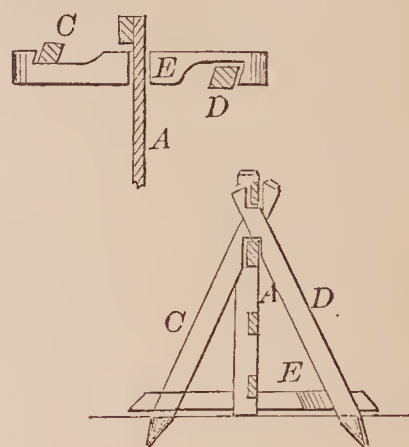
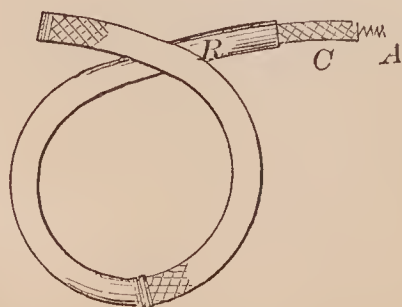
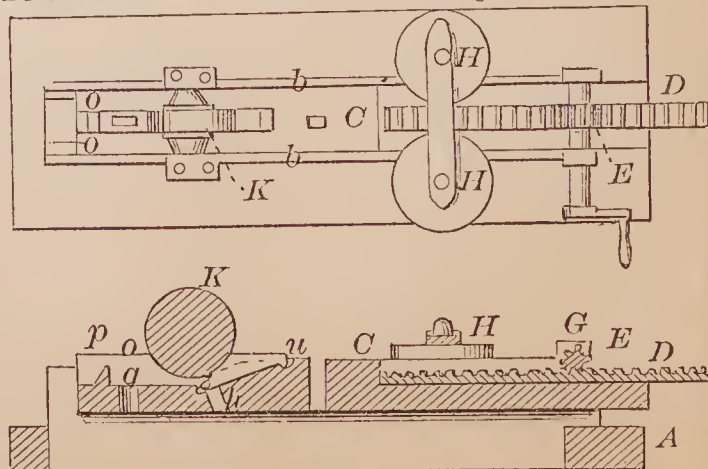


64350—A. Neer—*Gravel Wagon.*

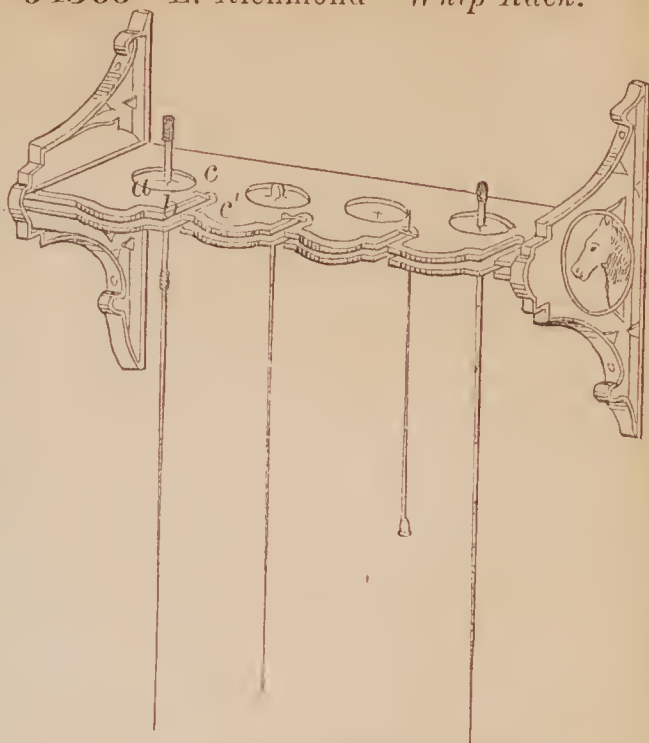


64356—S. J. Parker—*Automatic Boiler Feeder.*



64357—W. F. Parker—*Drilling Machine.*64359—Perry, Welles & Perry—*Sheep Shearing Table.*64358—H. L. Perry—*Gang Plow.*64361—G. W. Porter—*For Carbureting Gas and Air.*64360—N. Petersen—*Musical Dial.*64363—W. Reed—*Fence.*64362—T. L. Reed—*Flexible Tubing or Hose.*64364—T. C. Rice—*For Heading Wrench Bars.*

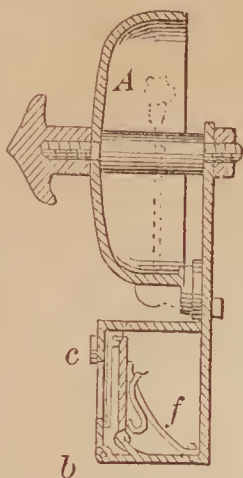
64365—E. Richmond—*Whip Rack.*



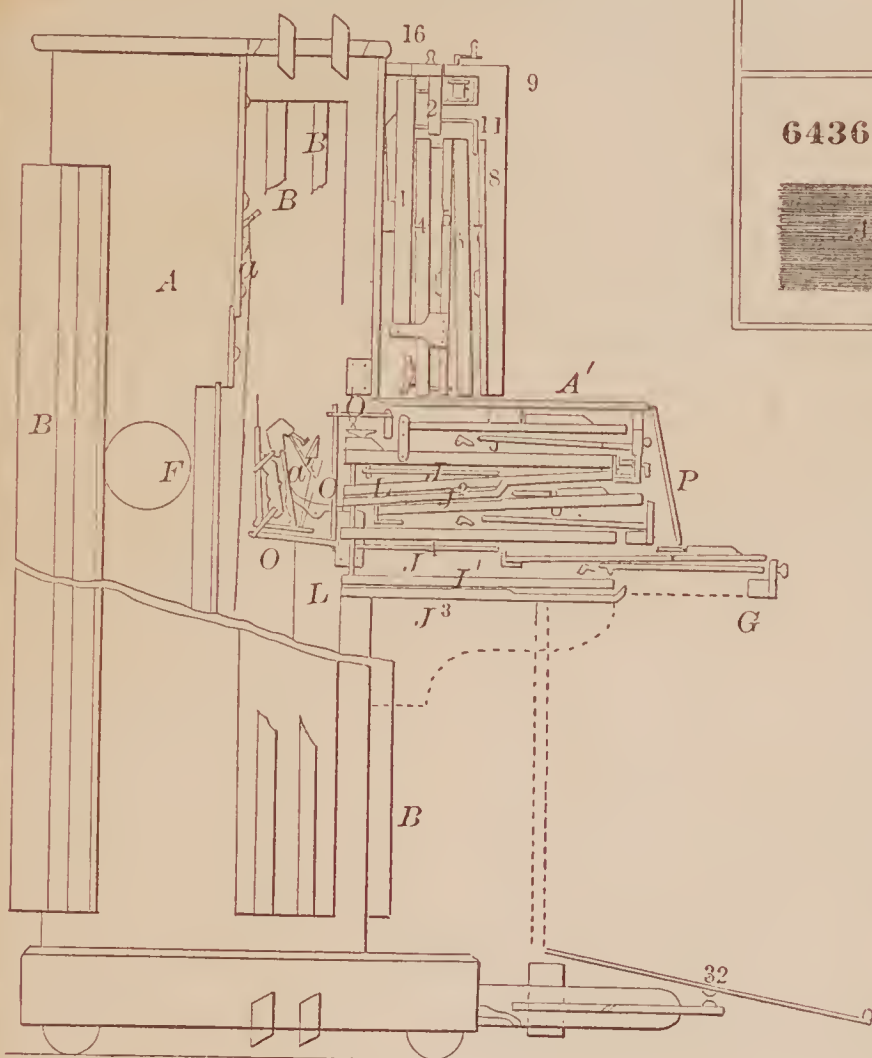
64368—S. Rogers—*Thill Coupling.*



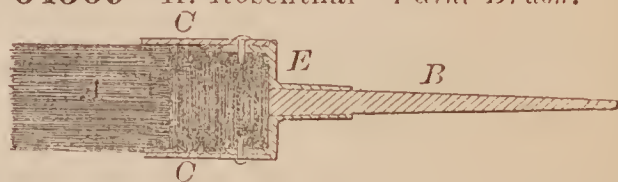
64366—Richmond & Moody—*Ticket Safe and Alarm Bell.*



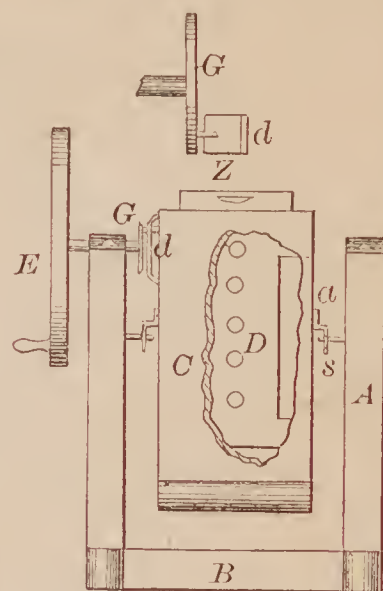
64371—T. J. V. Roz—*Piano Forte.*



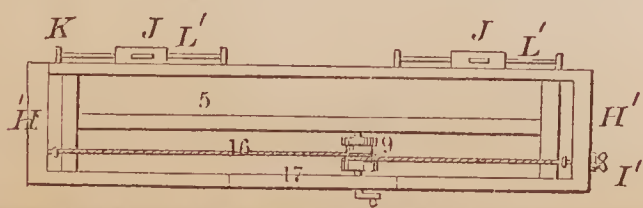
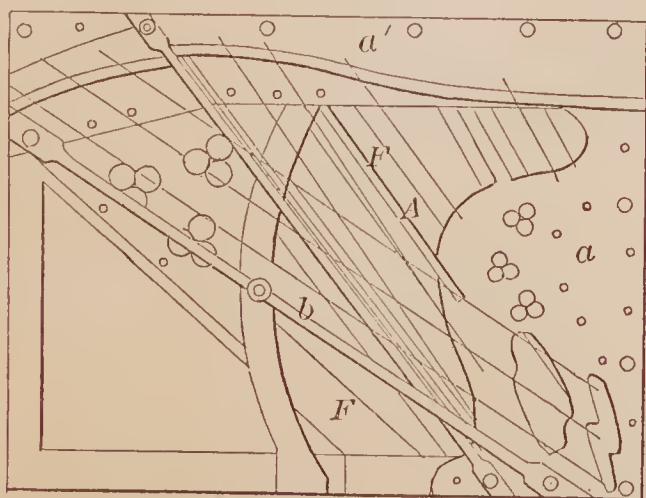
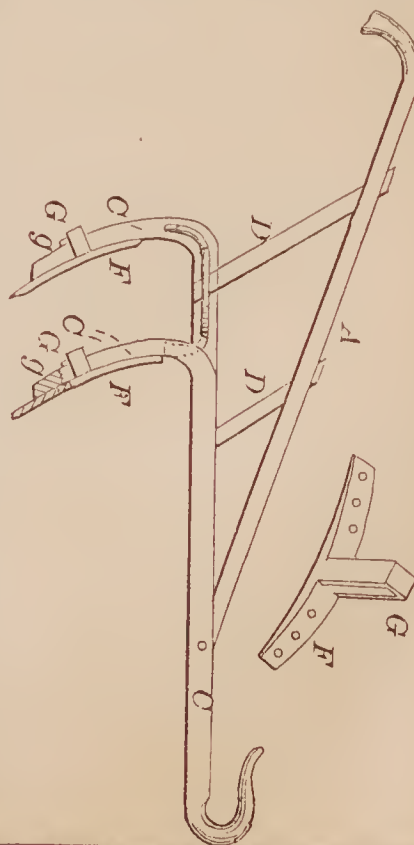
64369—H. Rosenthal—*Paint Brush.*



64367—Riter & Swann—*Churn.*



64370—A. P. Routt—*Cultivator.*



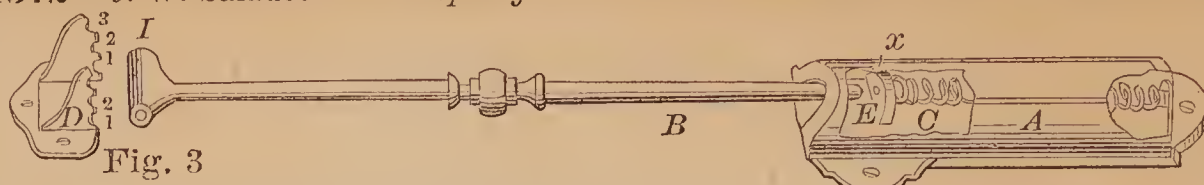
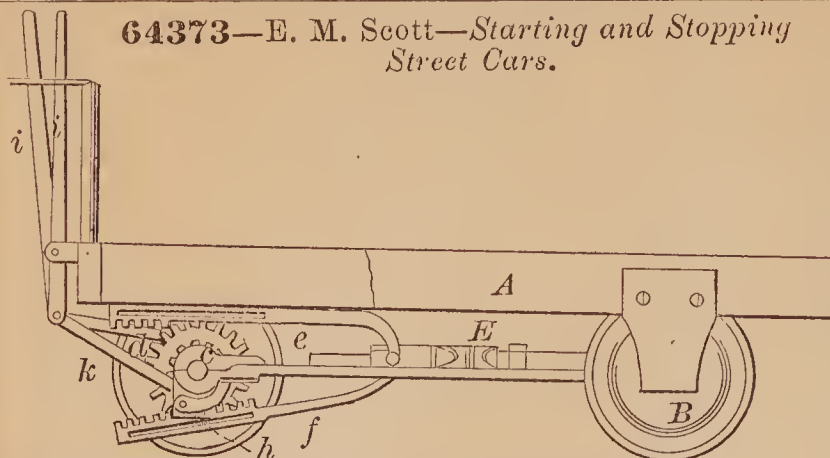
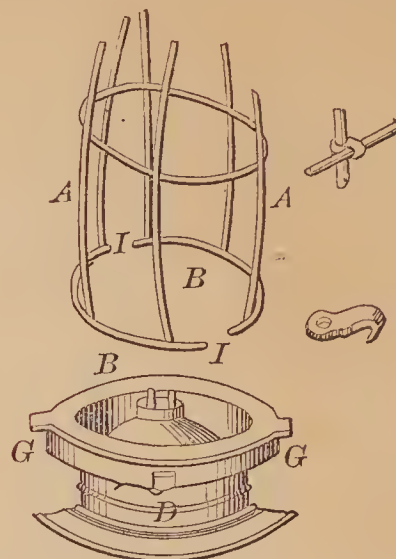
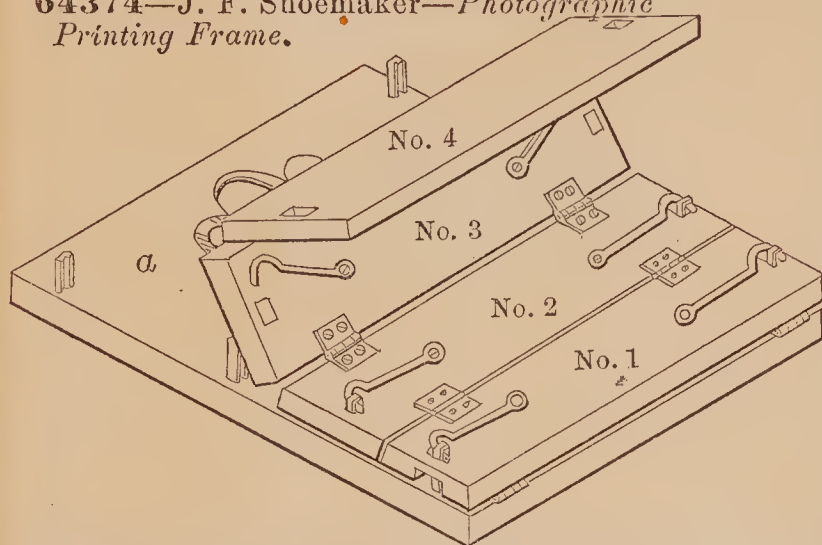
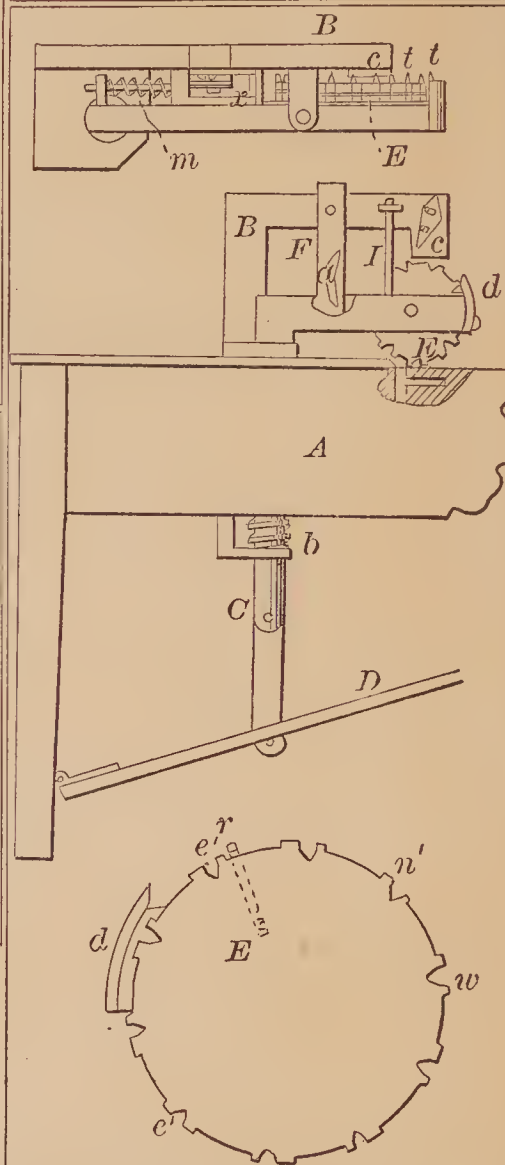
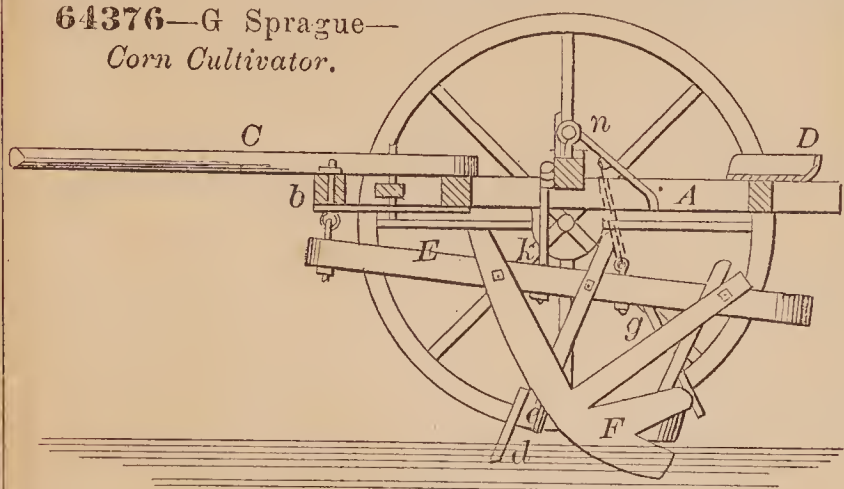
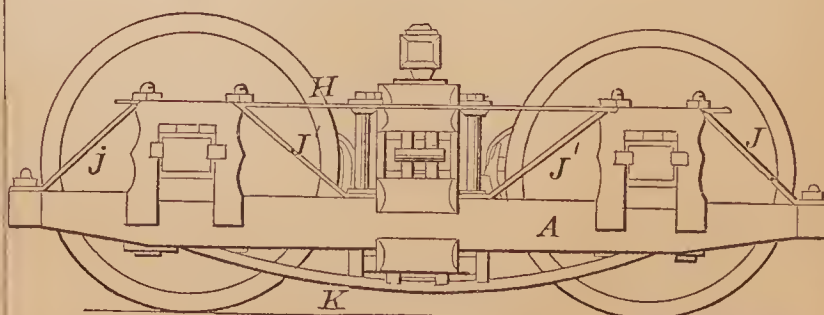
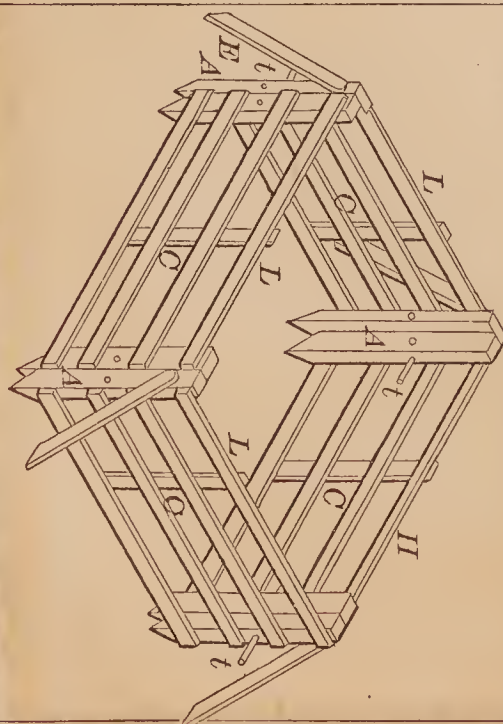
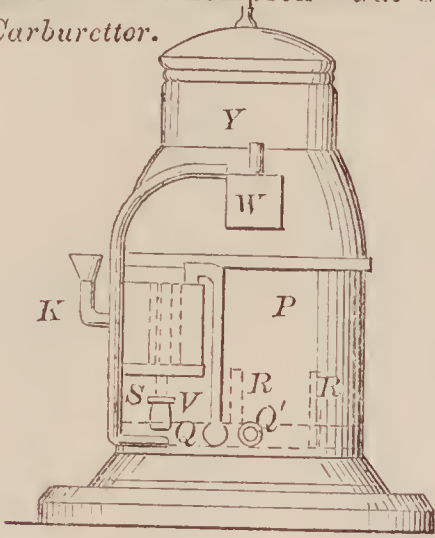
64372—C. W. Saladee—*Door Spring*.

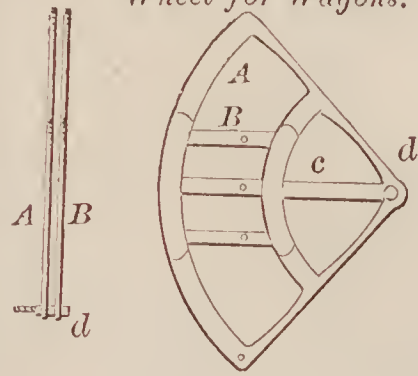
Fig. 3

64373—E. M. Scott—*Starting and Stopping Street Cars*.64377—W. G. & C. Sterling—*Lantern*.64374—J. F. Shoemaker—*Photographic Printing Frame*.64375—C. L. Sholes—*For Printing Numbers*.64376—G. Sprague—*Corn Cultivator*.64378—S. G. Steves—*Car Truck*.64379—H. M. Stoker—*Fence*.

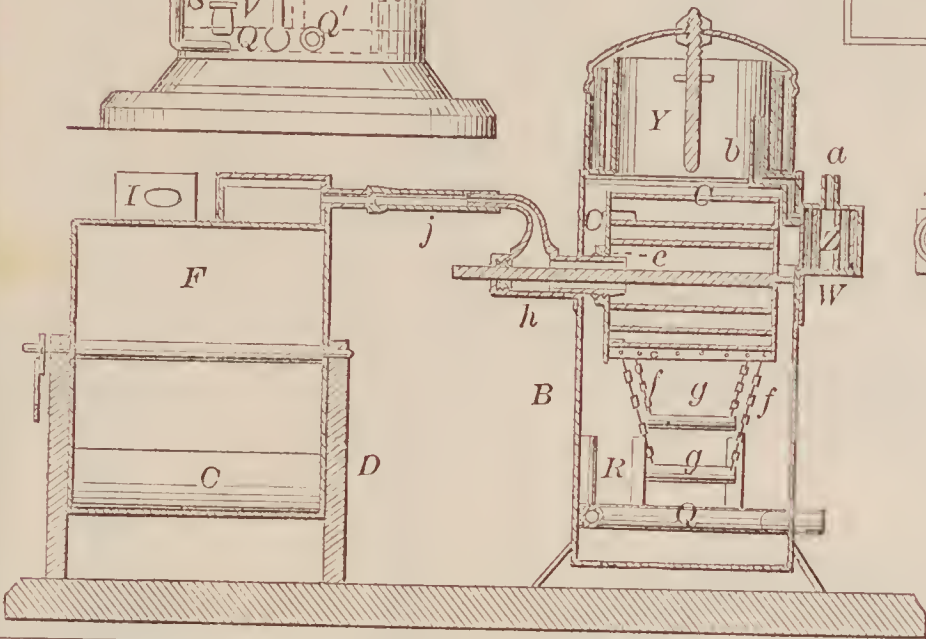
64382—W. Thompson—Gas Generator and Carburettor.



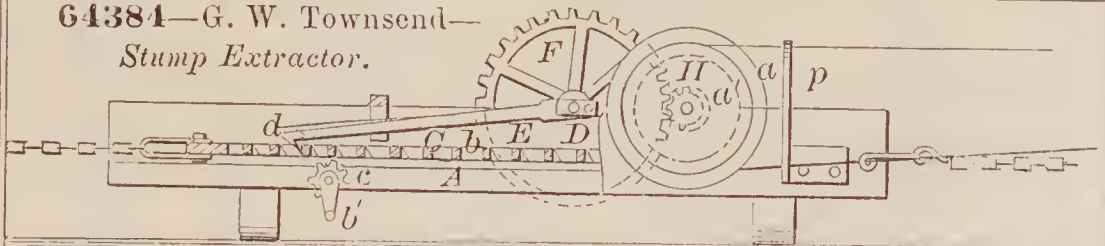
64380—J. B. Stuart—Fifth Wheel for Wagons.



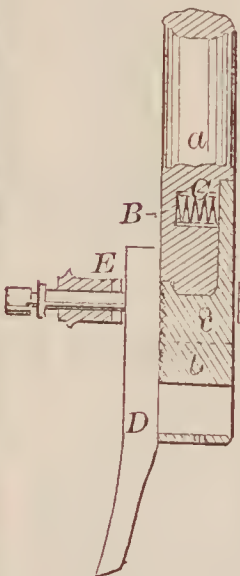
64381—F. E. Terry—Shank and Socket for Forks.



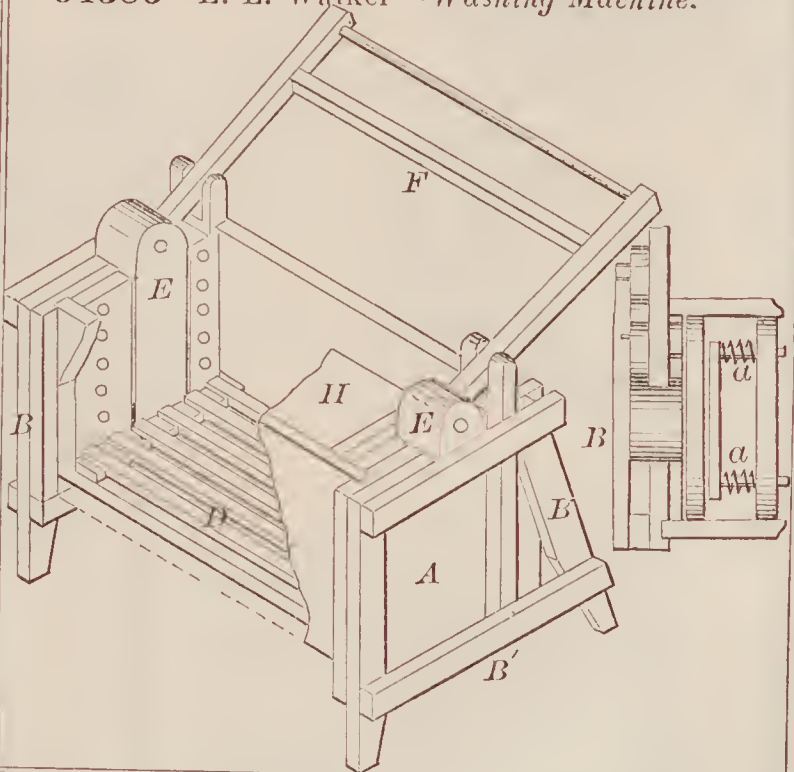
64384—G. W. Townsend—Stump Extractor.



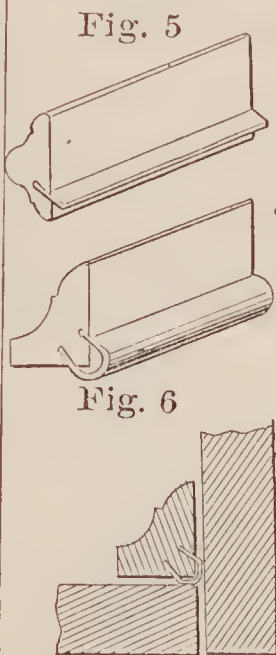
64388—T. L. Webster—Holder for Slotting Tools.



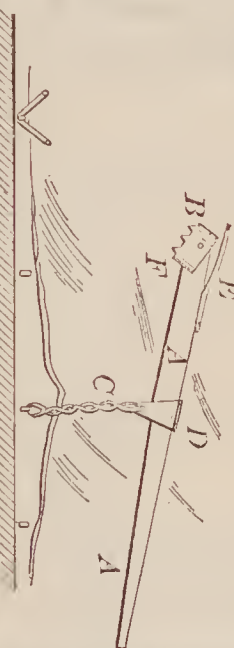
64386—E. L. Walker—Washing Machine.



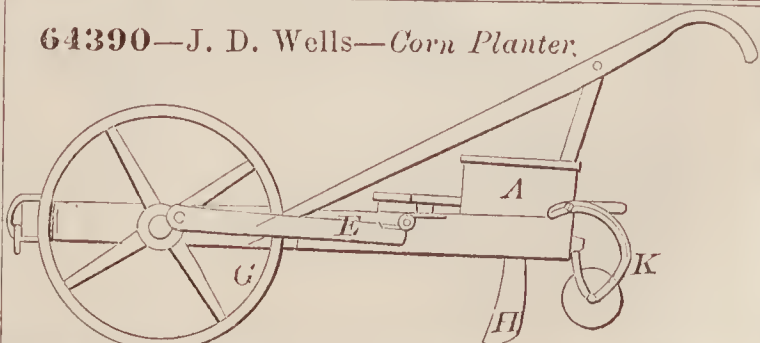
64383—E. P. & R. S. Torrey—Weather Strip.



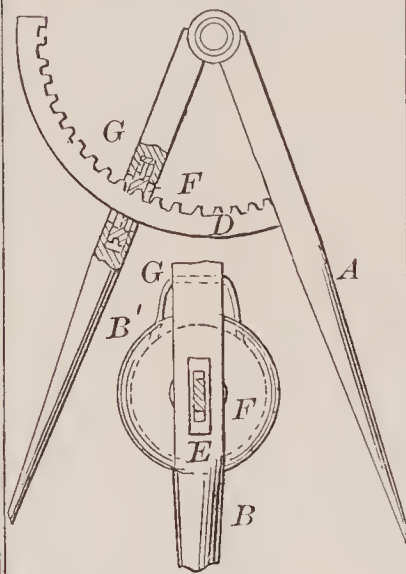
64387—W. Weaver—Carpet Stretcher.



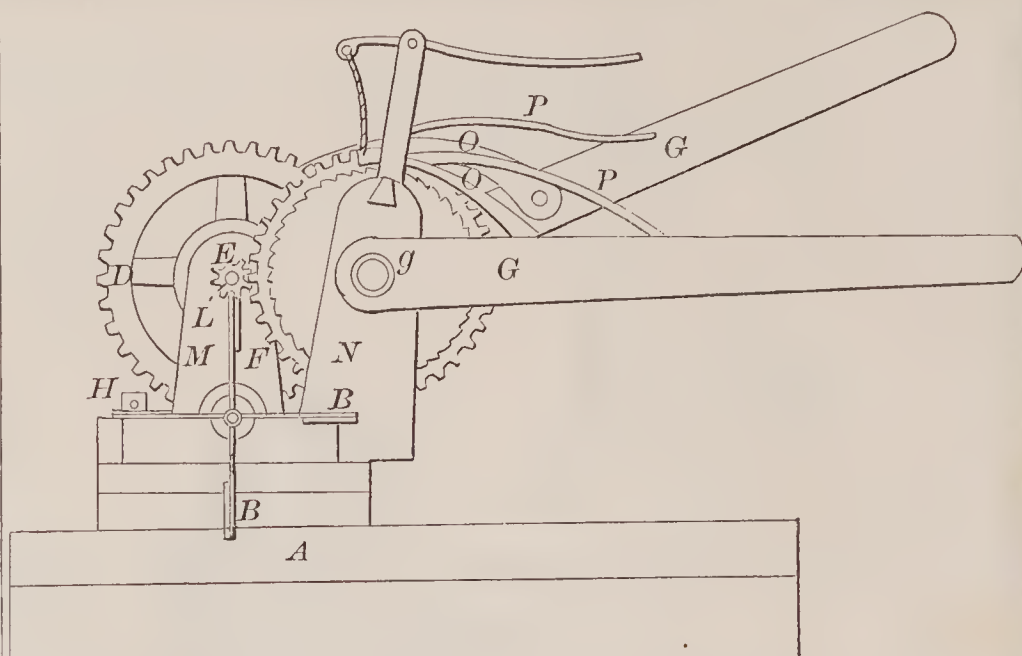
64390—J. D. Wells—Corn Planter.



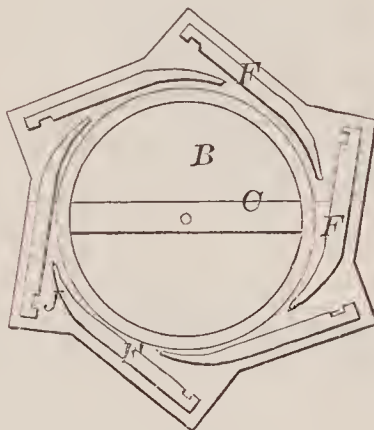
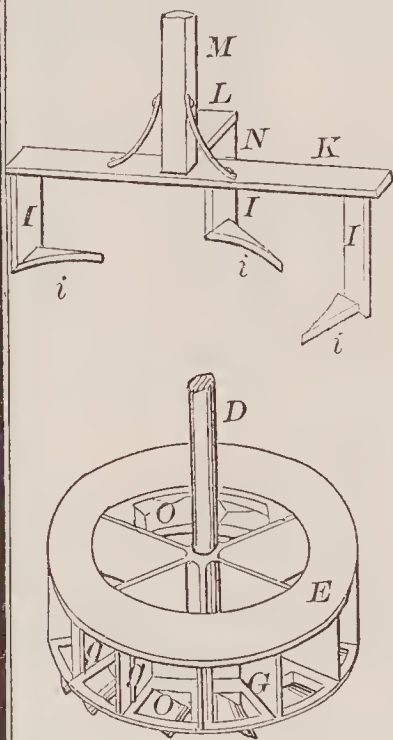
64391—H. Whiting—
Dividers.



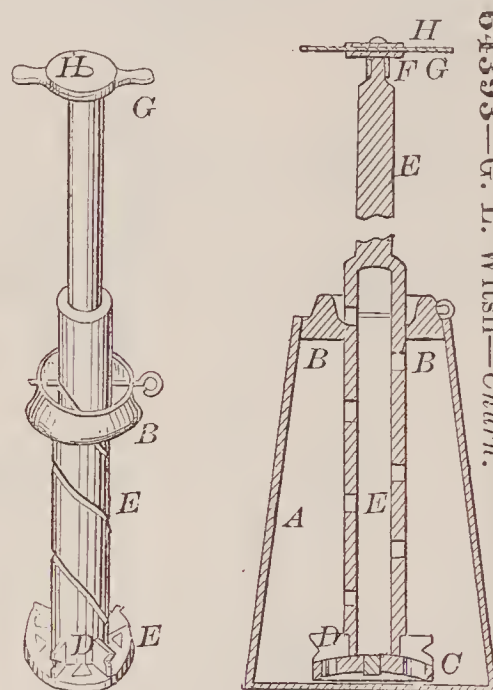
64392—E. Williams—*Propelling Boats.*



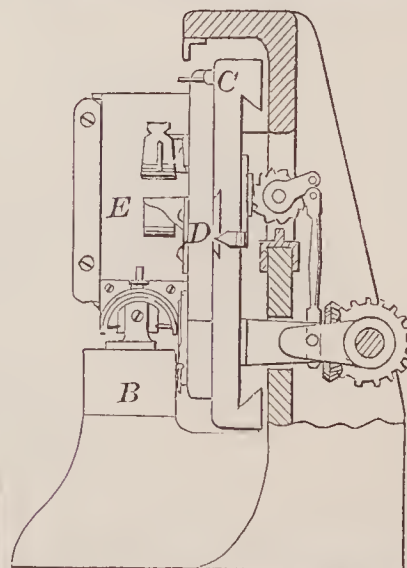
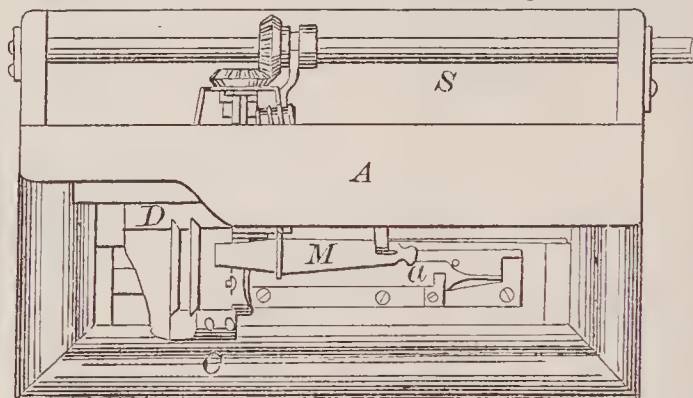
64395—T. G. Hall—
Water Wheel.



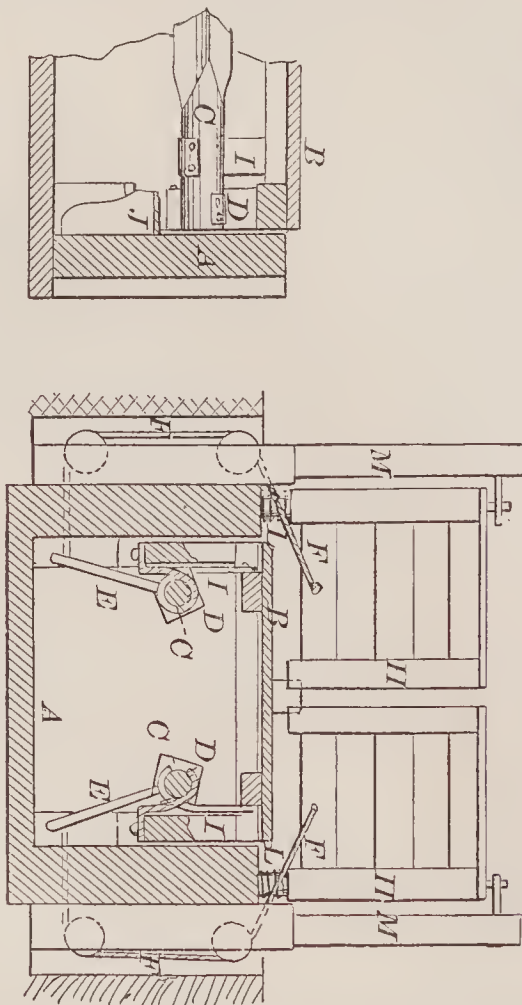
64393—G. L. Witsil—*Churn.*



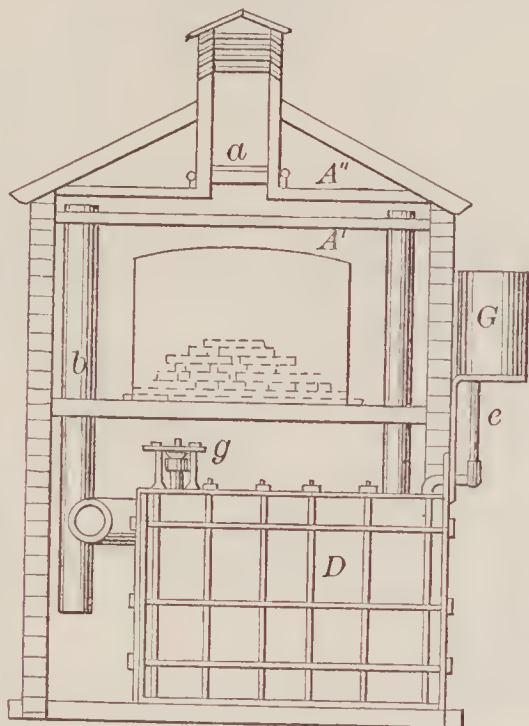
64396—E. O. Potter—*For Cutting Files.*



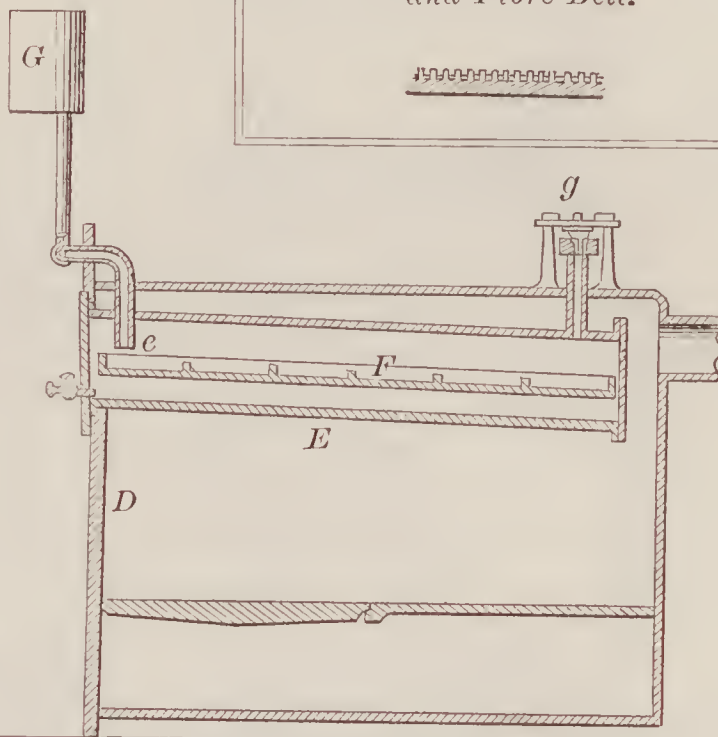
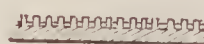
64394—S. J. Wright—Automatic Gate.



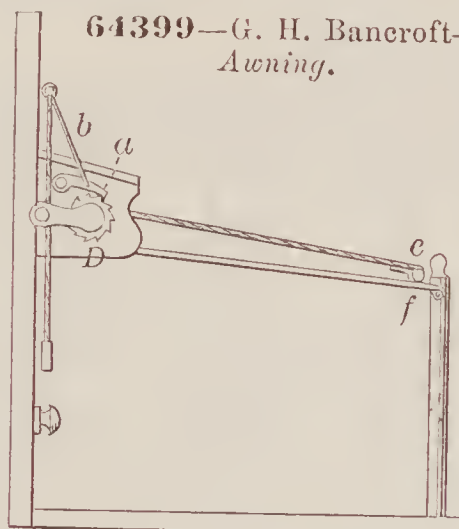
64398—Allen & Campbell—*For Seasoning Lumber by Superheated Steam.*



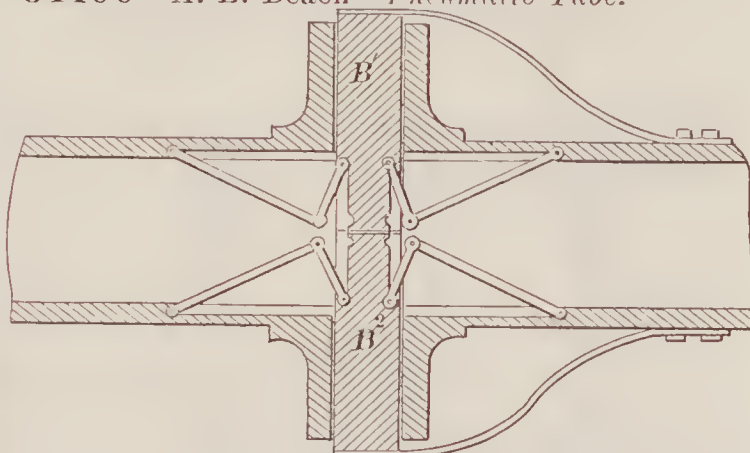
64397—W. G. Adams—*Rubber and Fibre Belt.*



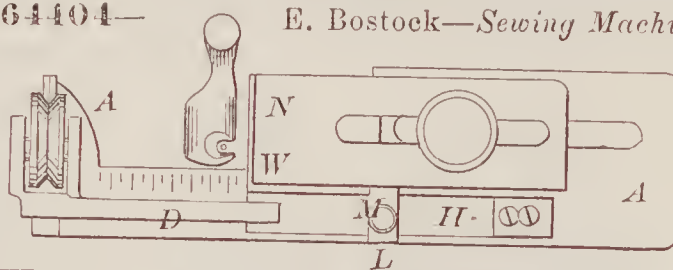
64399—G. H. Bancroft—*Awning.*



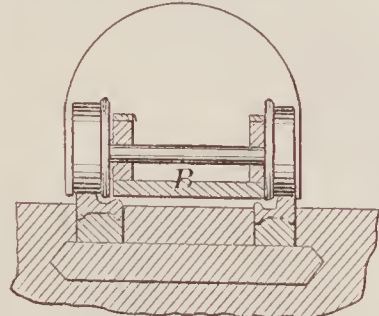
64400—A. E. Beach—*Pneumatic Tube.*



64401—A. E. Beach—*E. Bostock—Sewing Machine.*

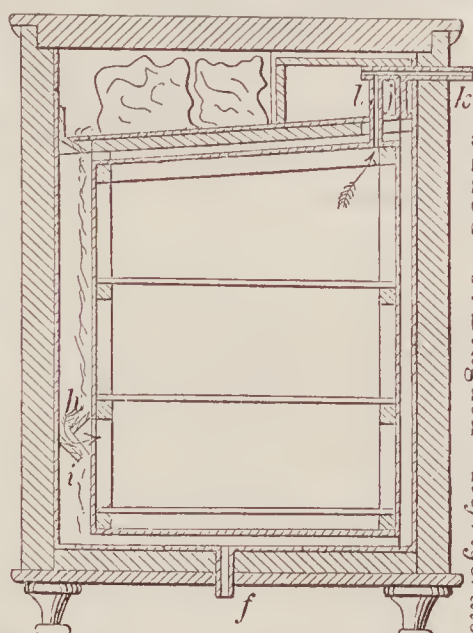
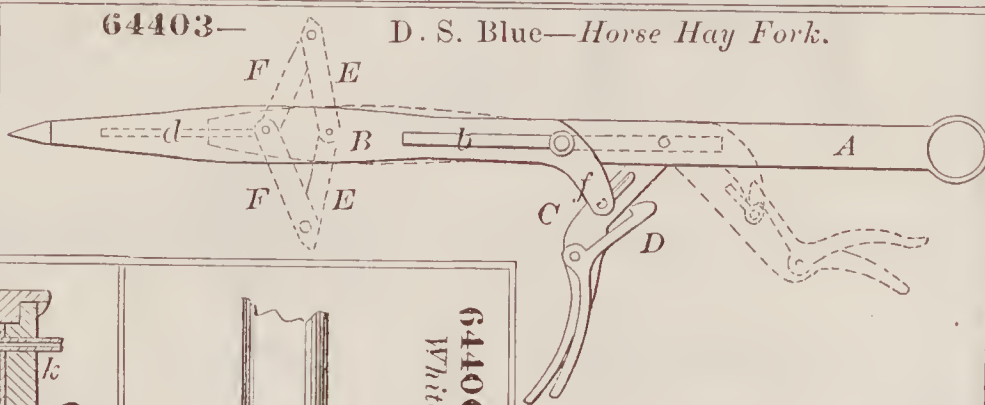


64401—A. E. Beach—

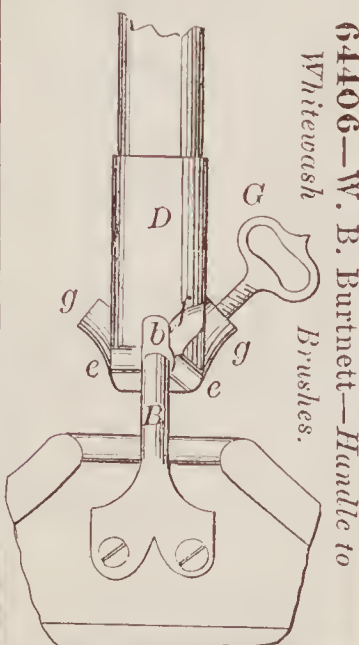


Pneumatic Car Truck.

64403—D. S. Blue—*Horse Hay Fork.*

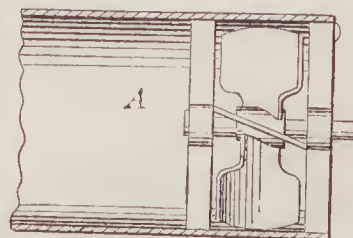


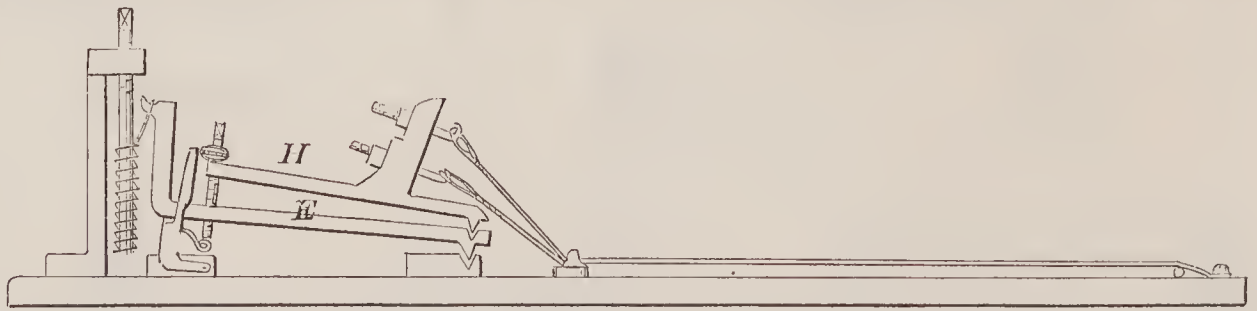
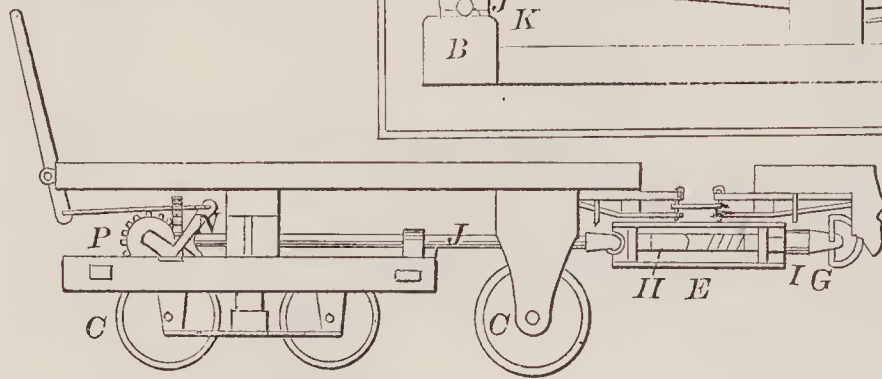
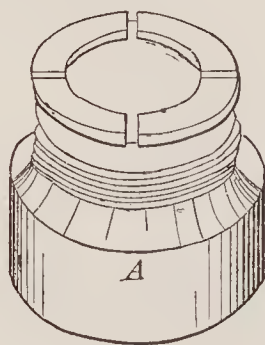
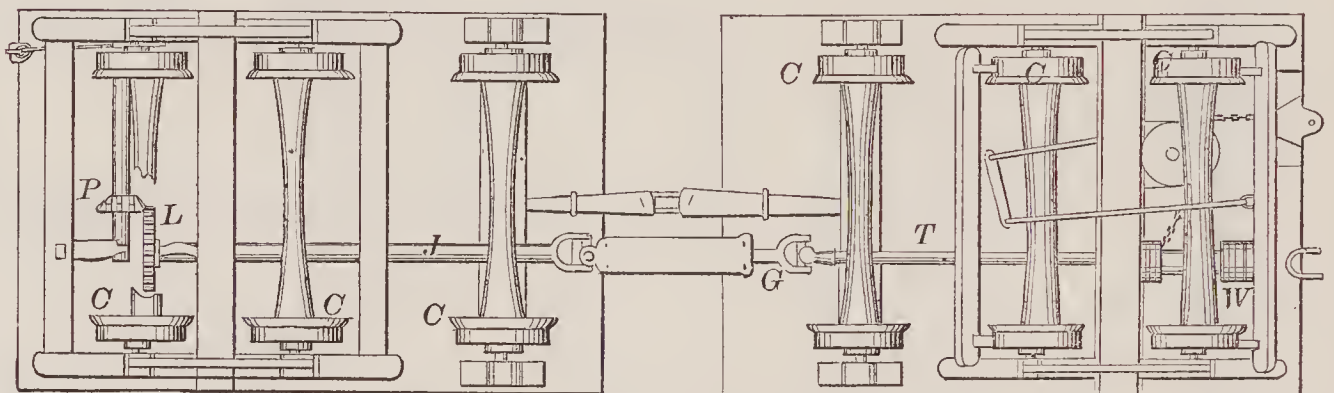
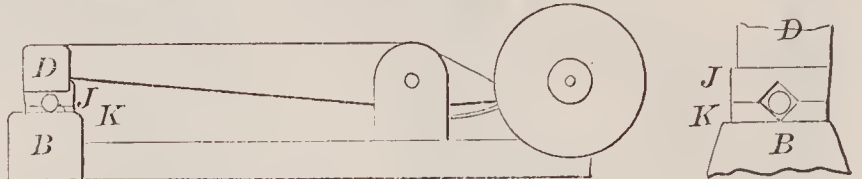
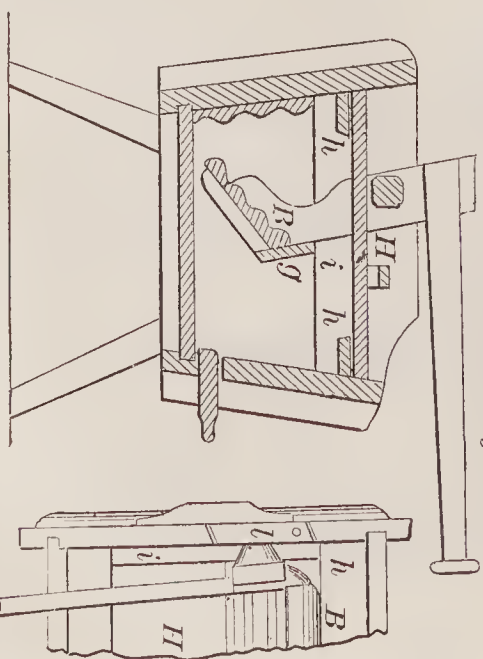
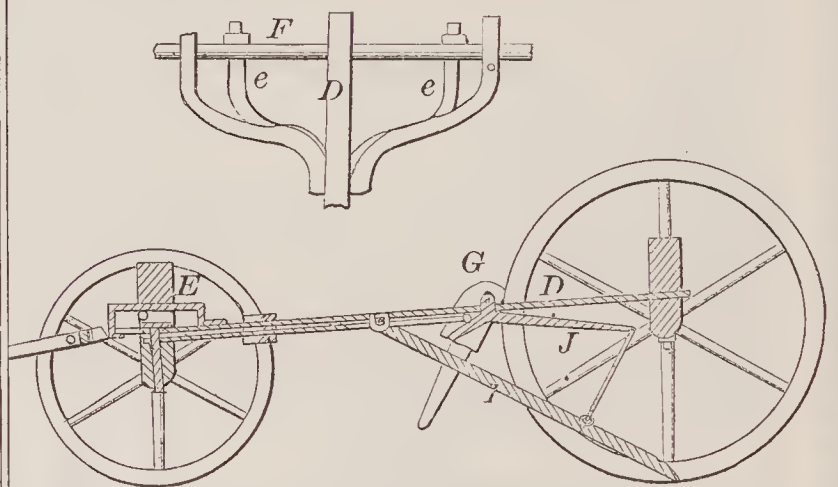
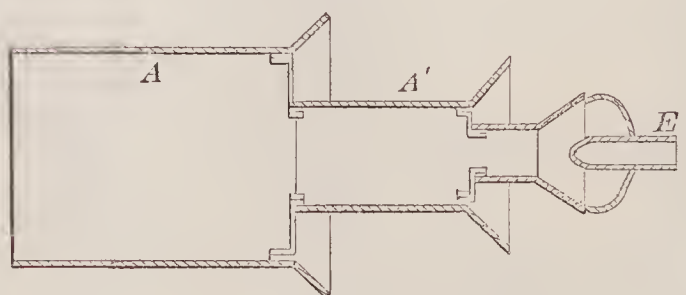
64405—J. Bragdon—*Refrigerator.*



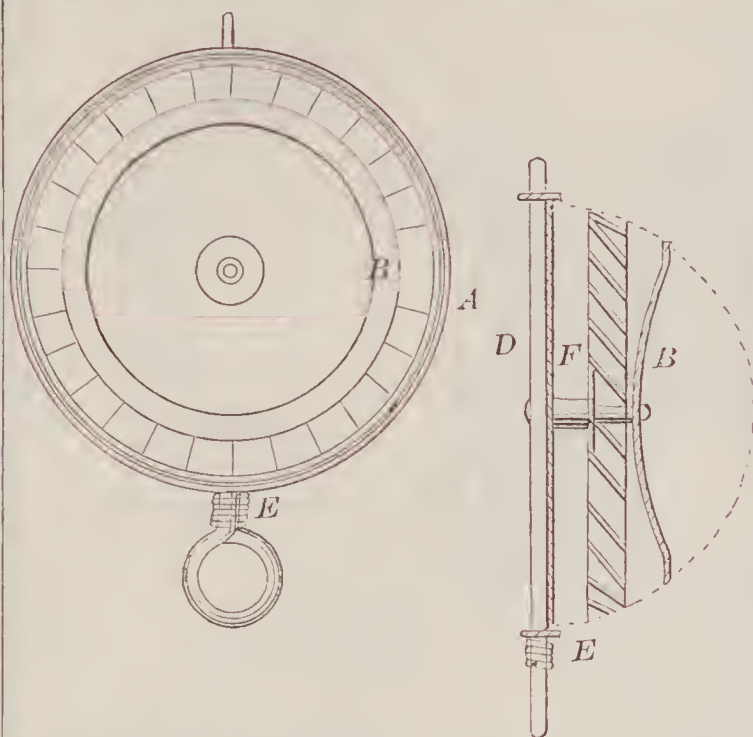
64406—W. B. Burnett—*Handle to White wash Brushes.*

64402—A. E. Beach—*Pneumatic Railway.*

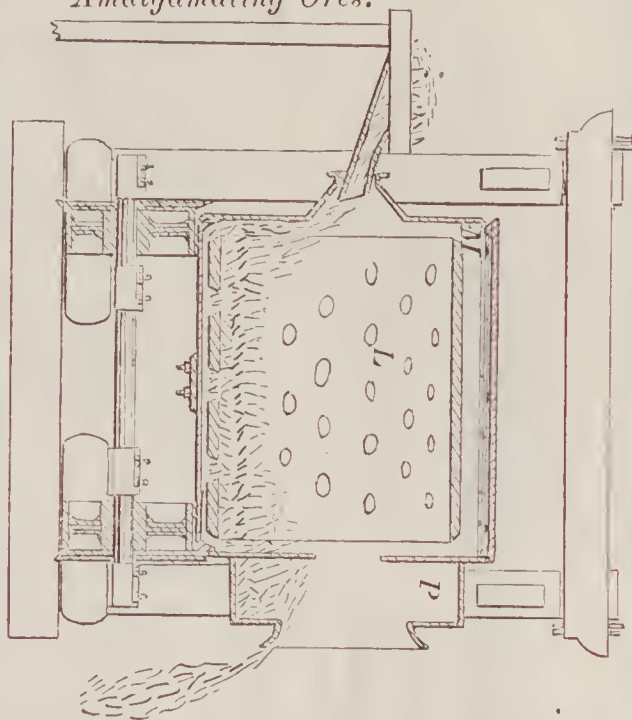


64407—P. E. Chollet—*Piano Forte.*64409—S. F. Dimock—*Car Brake.*64408—L. L. Crane—*Forging Machine.*64410—D. A. Draper—*Letters on Type Blocks.*64413—T. J. Farr—*Wagon Brake.*64412—F. Elder—*Washing Machine.*64414—Foreman & Mathewson—*Steam Blower.*

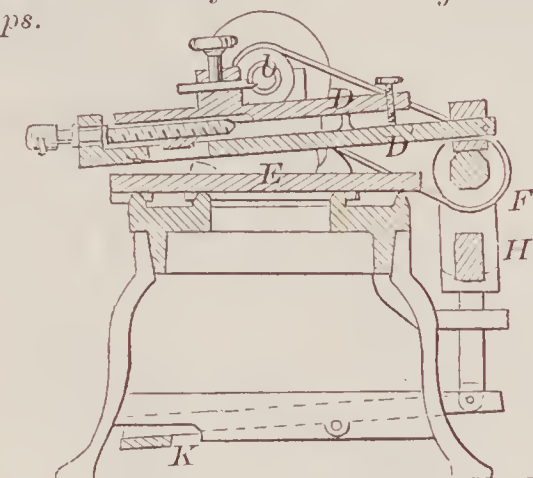
64415—W. T. Gray—*Stove Pipe Damper.*



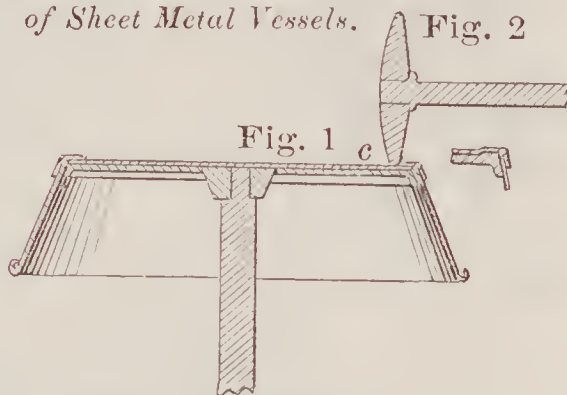
64416—J. Hart—*For Crushing and Amalgamating Ores.*



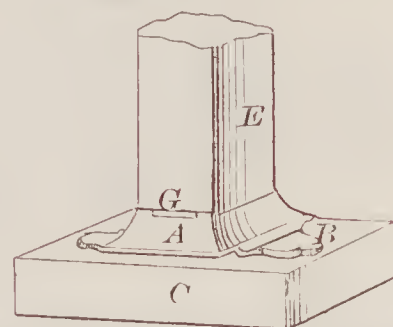
64420—W. & J. Holroyd—*For Cutting Screw Taps.*



64422—L. T. Hulbert—*Deflecting Bottom of Sheet Metal Vessels.* Fig. 2



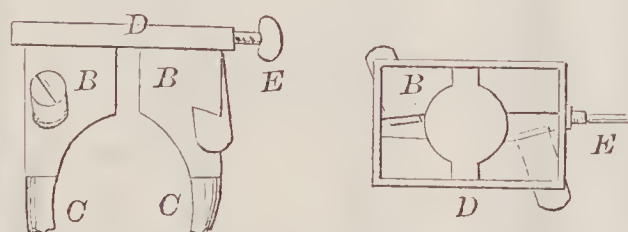
64417—G. W. Hatch—*Fence Post Pedestal.*

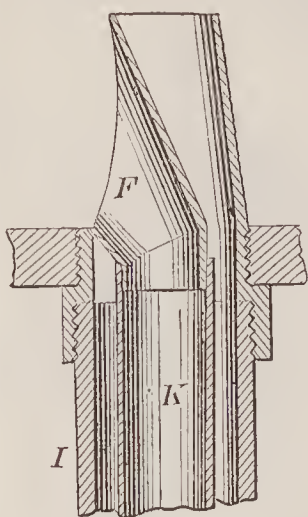


64418—F. G. Hoepfner—*Velocipede.*

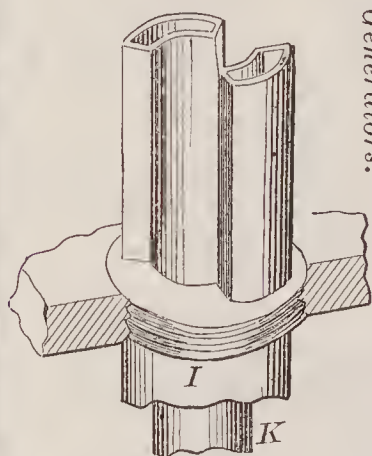


64423—M. Isbell—*Hollow Auger.*

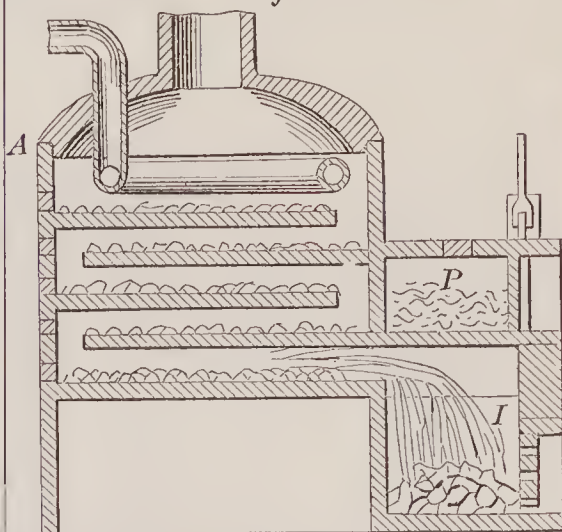




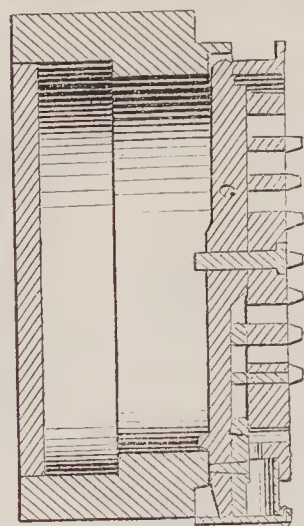
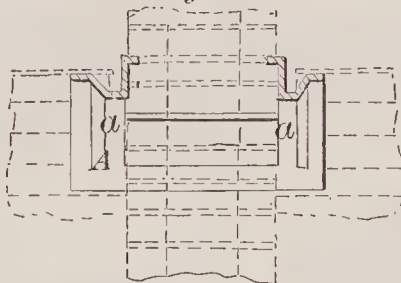
64424—C. H. James—Tube for Steam Generators.



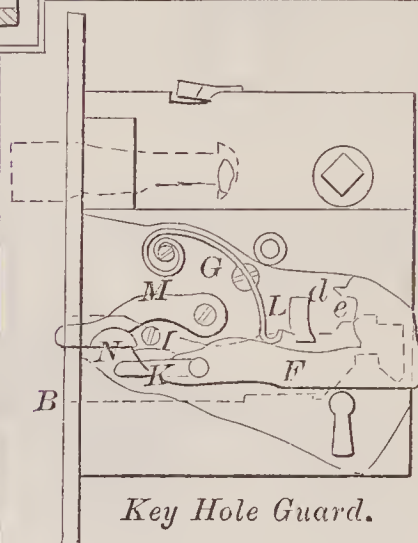
64425—J. Jameson—Manufacture of Iron.



64428—M. H. Kelsey—Chimney Joint.



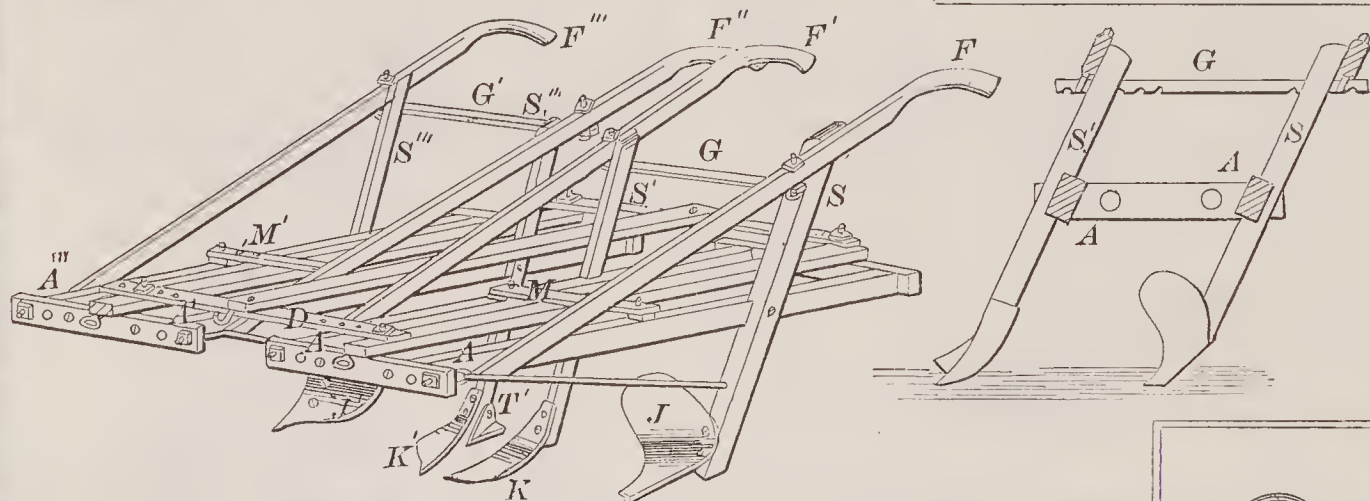
64430—H. G. Leonard—Stove Grate.



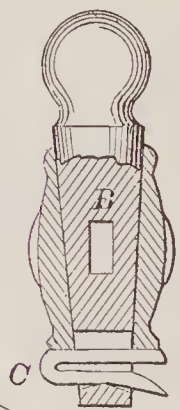
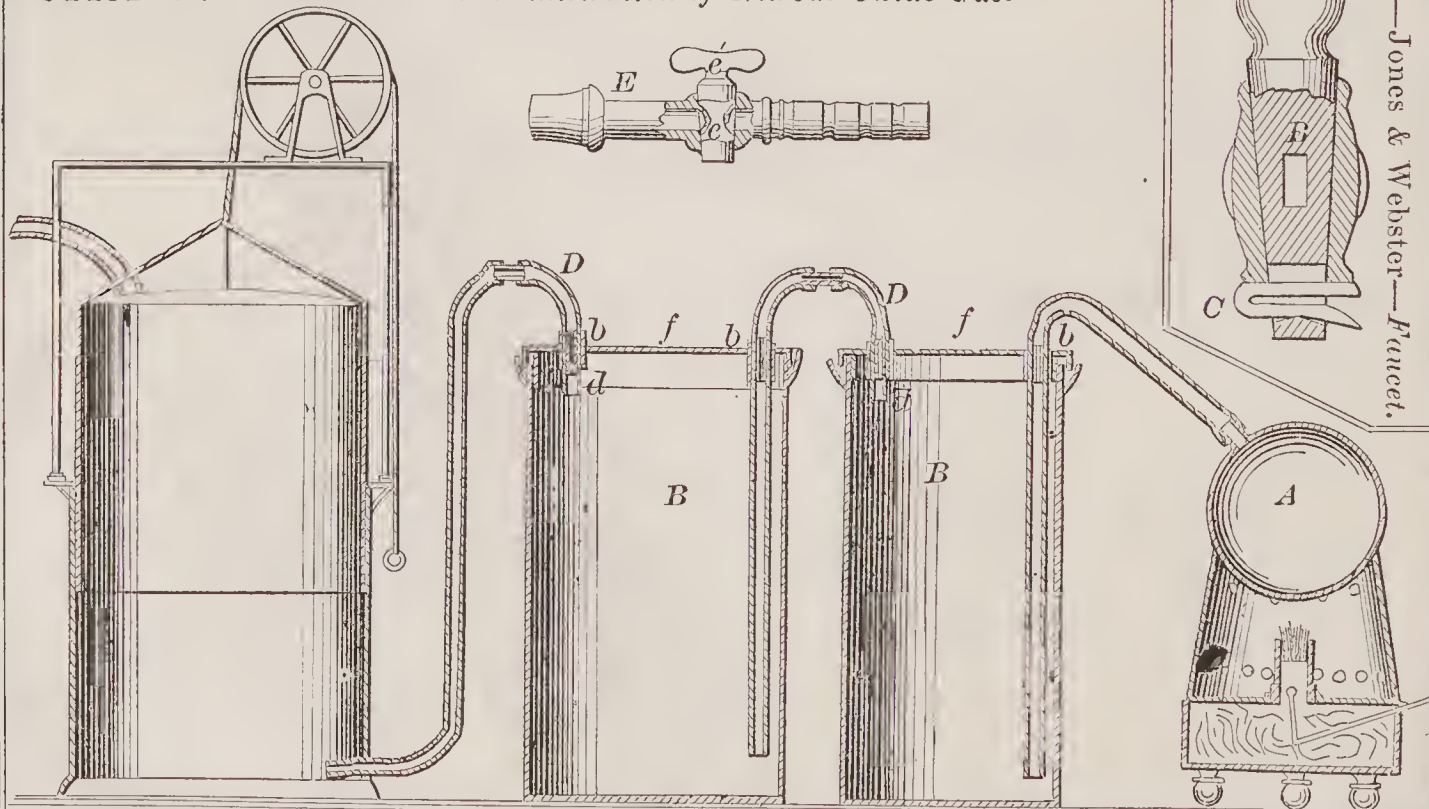
64426—W. Johnson, 2d—

Key Hole Guard.

64429—A. B. King—Cultivator.

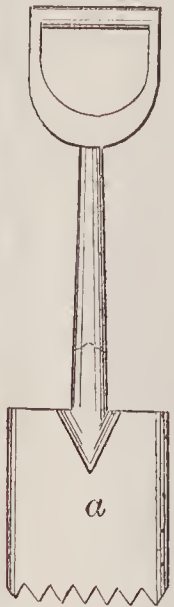


64431—A. M. Leslie—For Administration of Nitrous Oxide Gas.

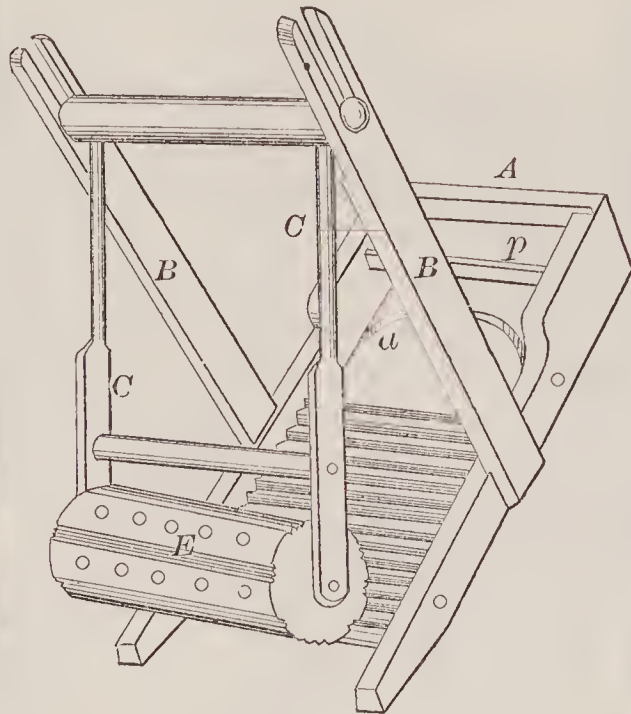


64427—Jones & Webster—Faucet.

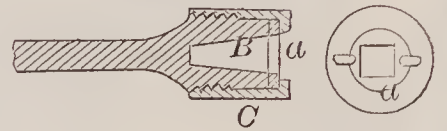
64442—D. B. Nelson—Shovel.



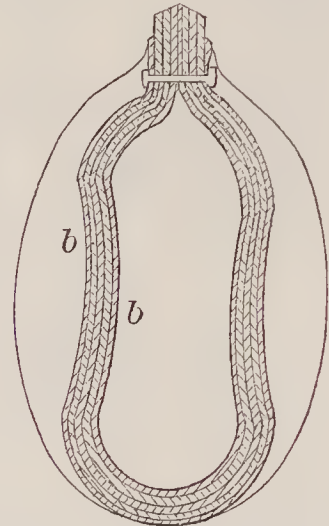
64445—M. Pierce—Washing Machine.



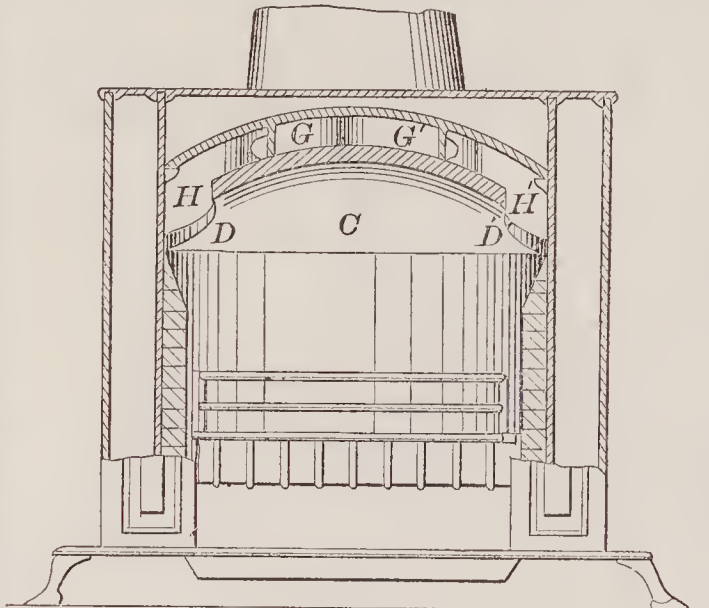
64444—L. J. Parsons—Attaching Bits in Braces.



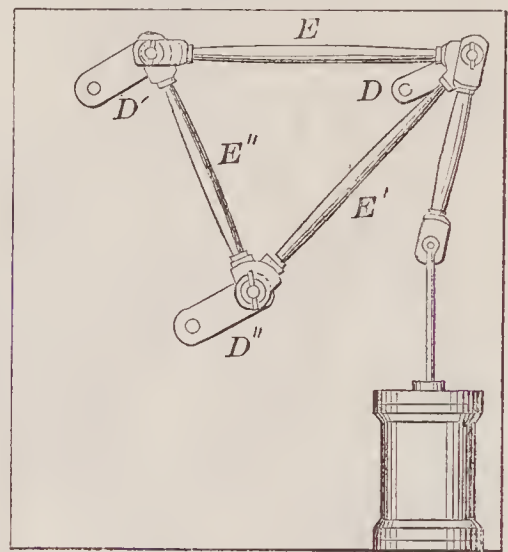
64448—D. T. Robinson—Horse Collar.



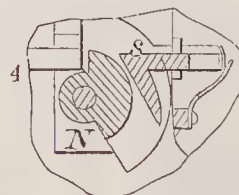
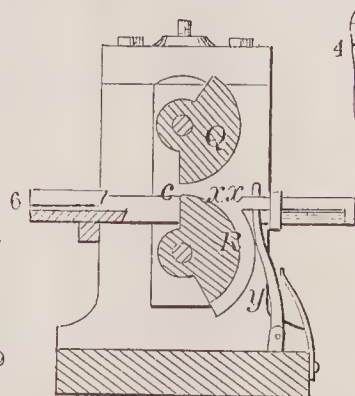
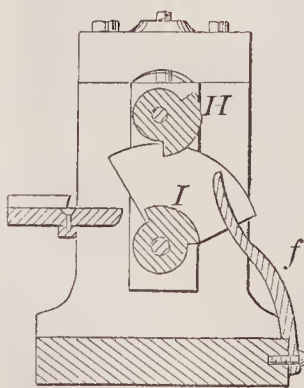
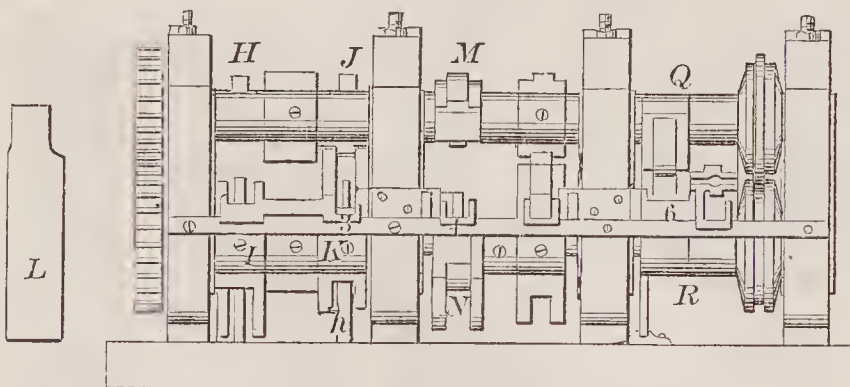
64446—A. J. Redway—Fireplace.



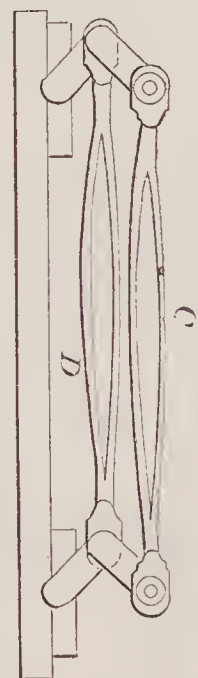
64450—W. Rowell—Transmitting Motion.



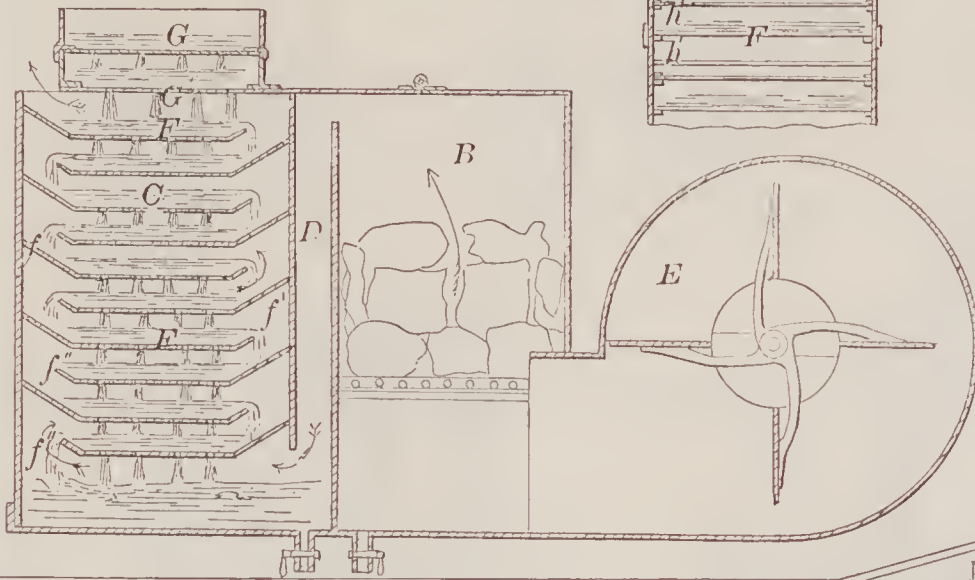
64447—T. C. Rice—For Rolling Wrench Bars.



64451—W. Rowell—Transmitting Motion.



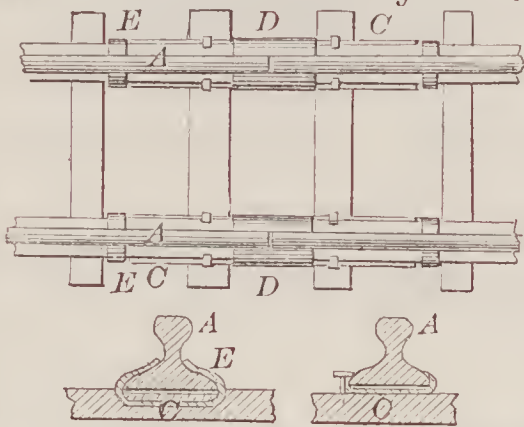
64452—P. Schweikhart—*Beer Cooler.*



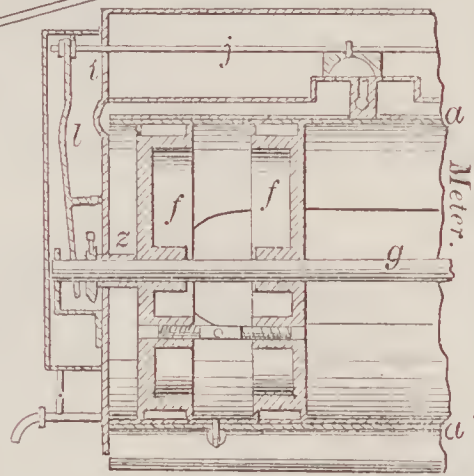
64455—T. H. Spencer—*Tooth Brush.*



64453—T. Selleck—*Railway Chair.*



64457—W. M. Storm—*Liquid Meter.*



64454—W. P. Slensby—*Cutting off Boiler Tubes.*

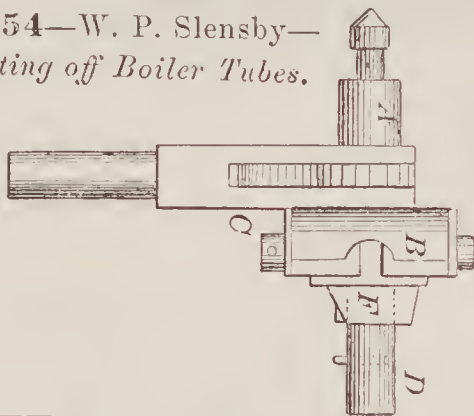


Fig. 3

64456—W. M. Storm—*Proof Meter and Register for Spirits.*

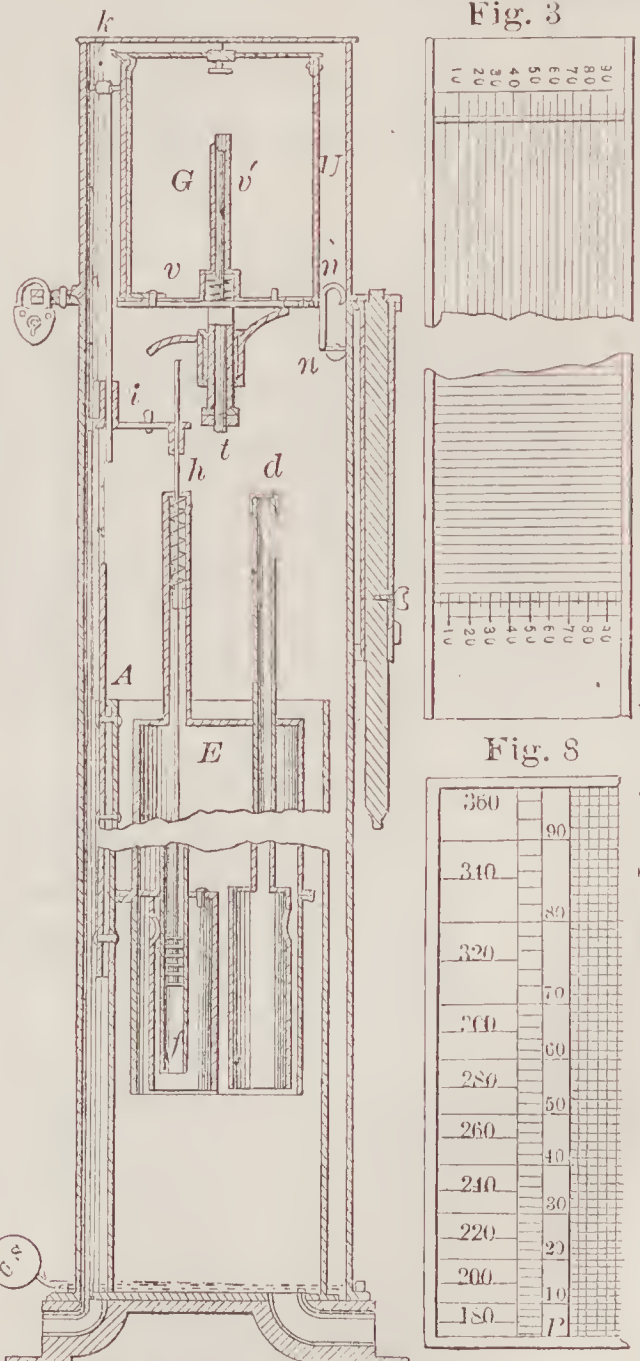
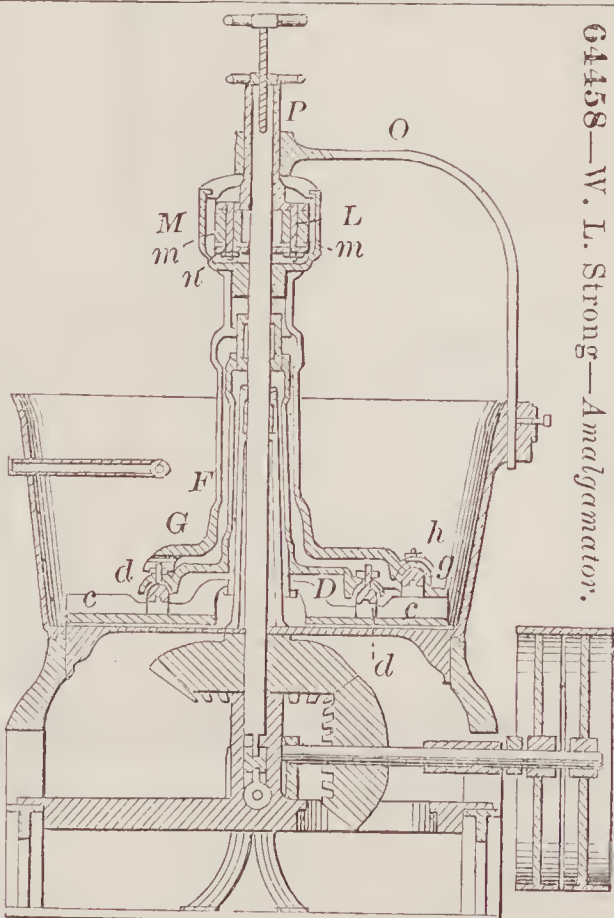
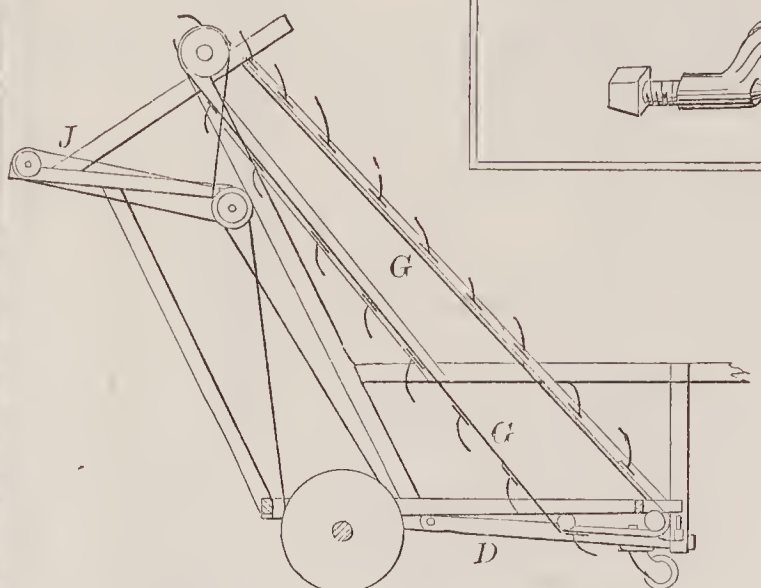


Fig. 8

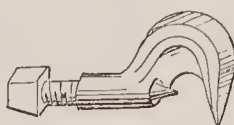
64458—W. L. Strong—*Amalgamator.*



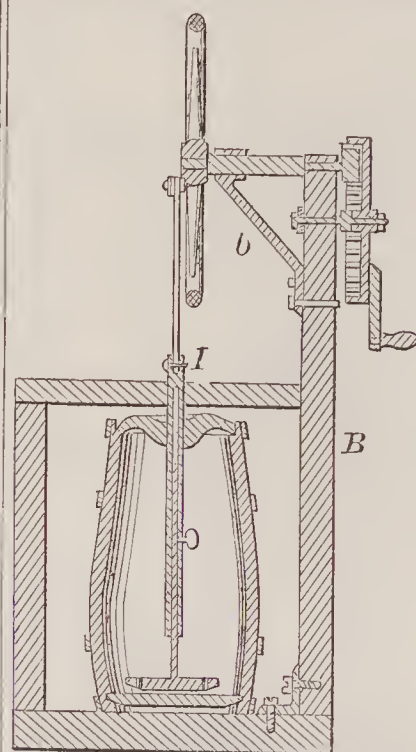
64459—L. D. Taylor—*Hay Loader.*



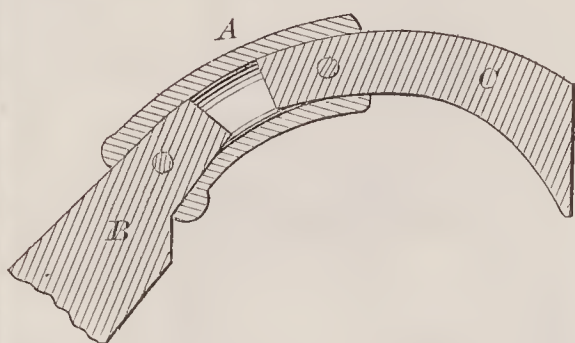
64461—Tousley & Marcellus—*Nose Jewel for Swine.*



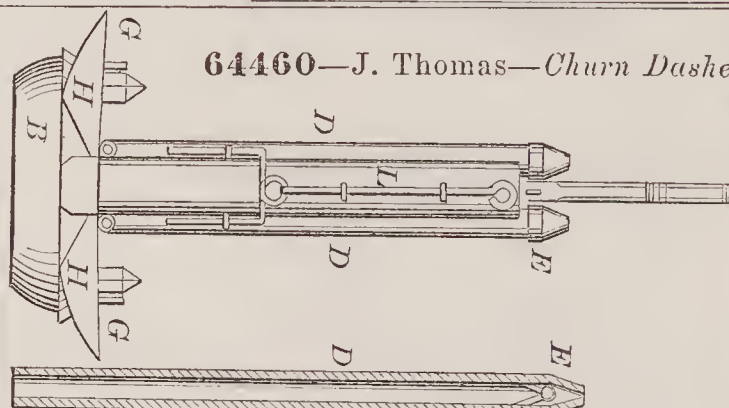
64463—M. D. Wallace—*Churn.*



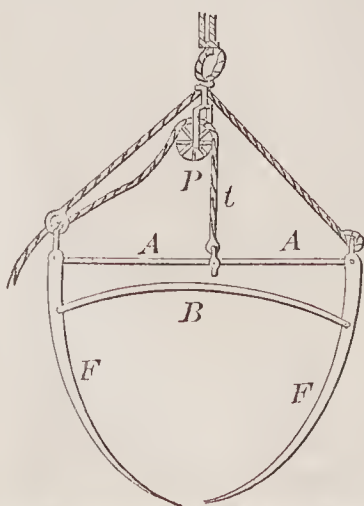
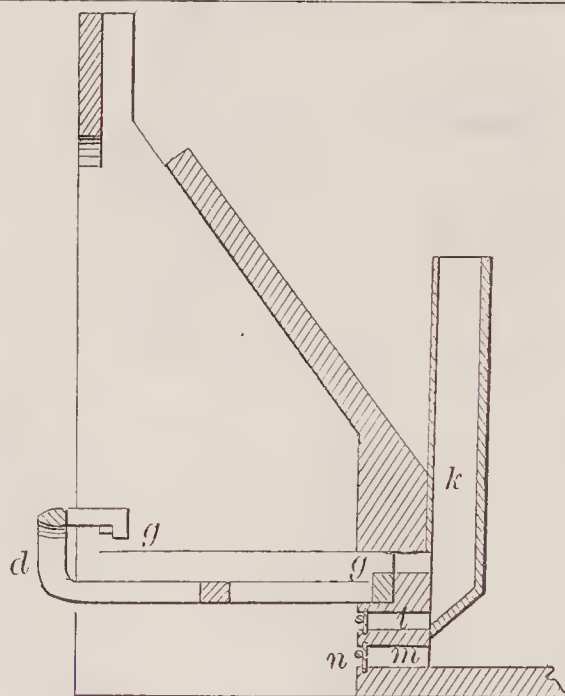
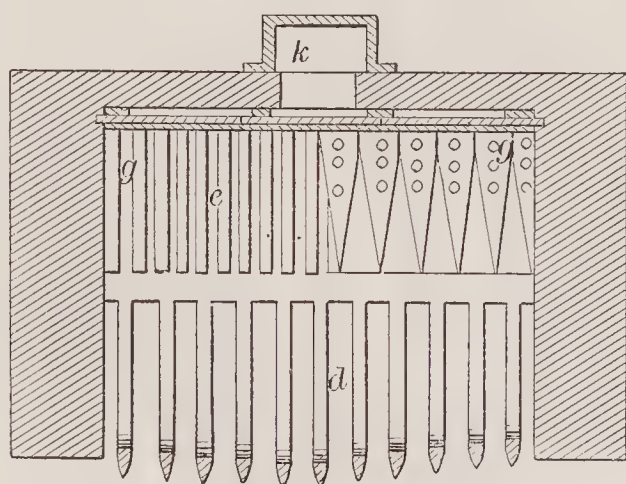
64464—G. Watt—*Plow Handle.*



64460—J. Thomas—*Churn Dasher.*

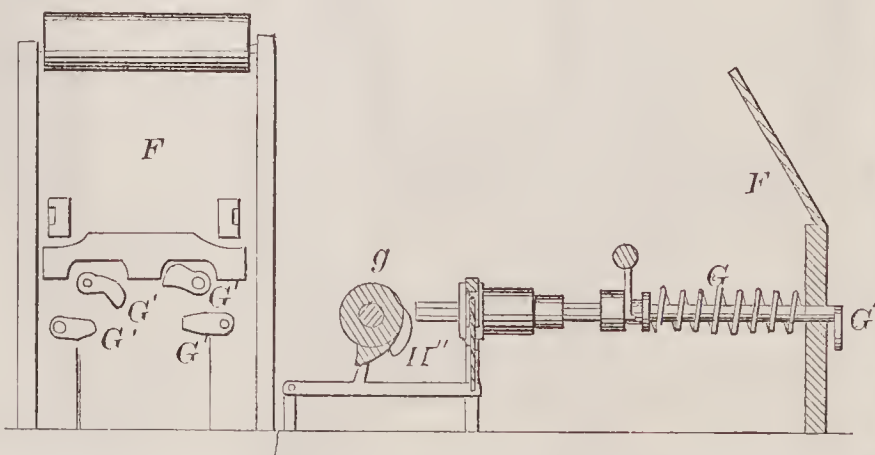


64465—M. D. Wellman—*Fireplace.*

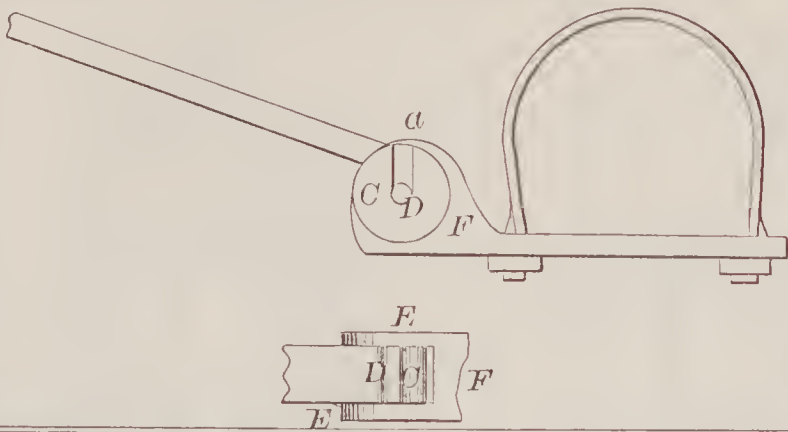


64462—M. L. Turk—*Horse Hay Fork.*

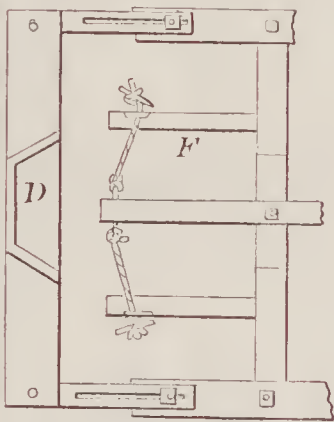
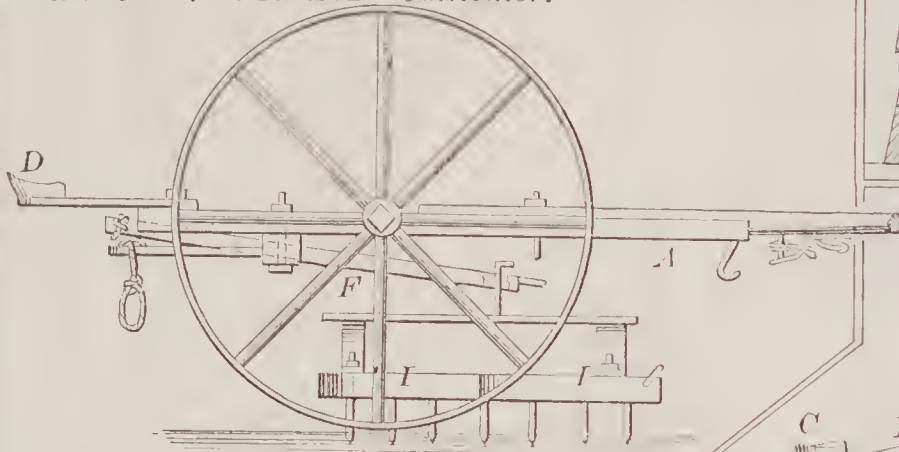
64466—W. Wheeler Jr—*For Folding Cloth.*



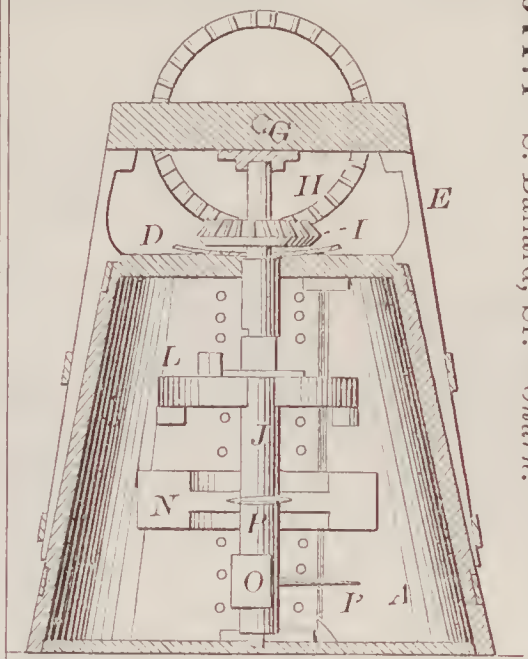
64468—X. S. Allen—Attaching Carriage Thills.



64469—J. H. Allison—Cultivator.

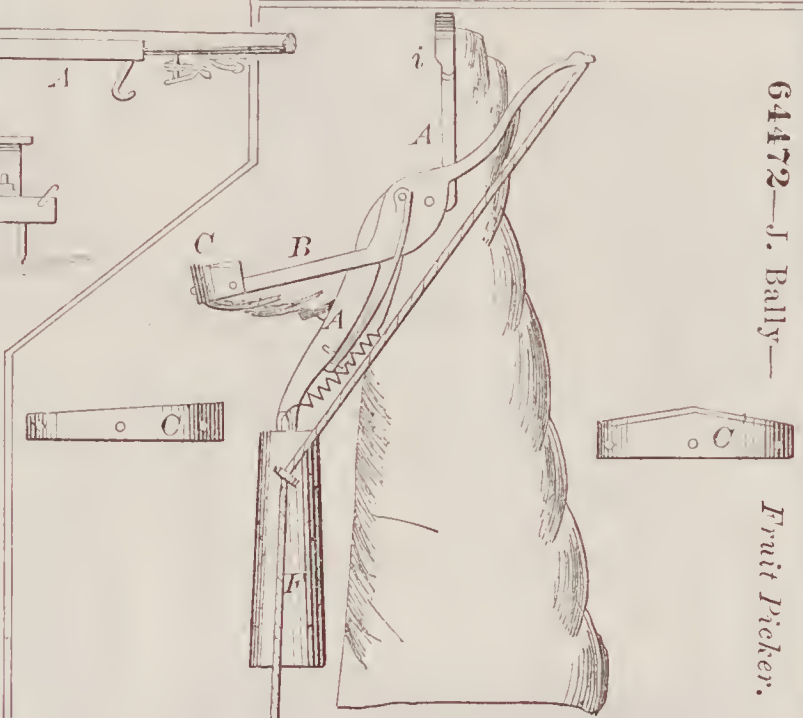


64471—S. Ballard, Sr.—Churn.

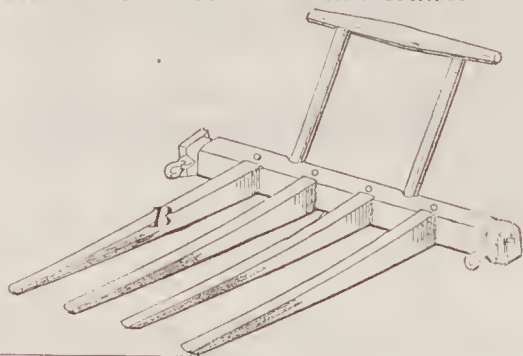


64472—J. Bally—

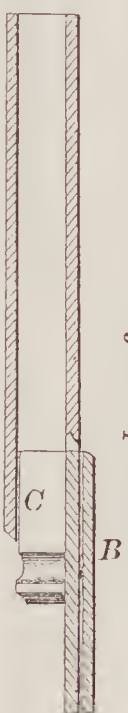
Fruit Picker.



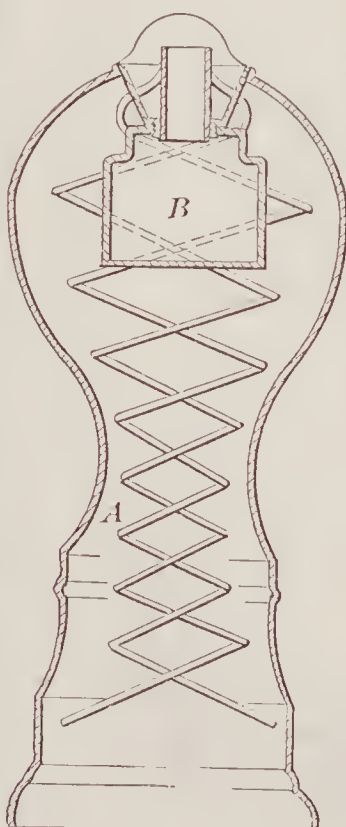
64475—C. Bissell—Hand Rake.



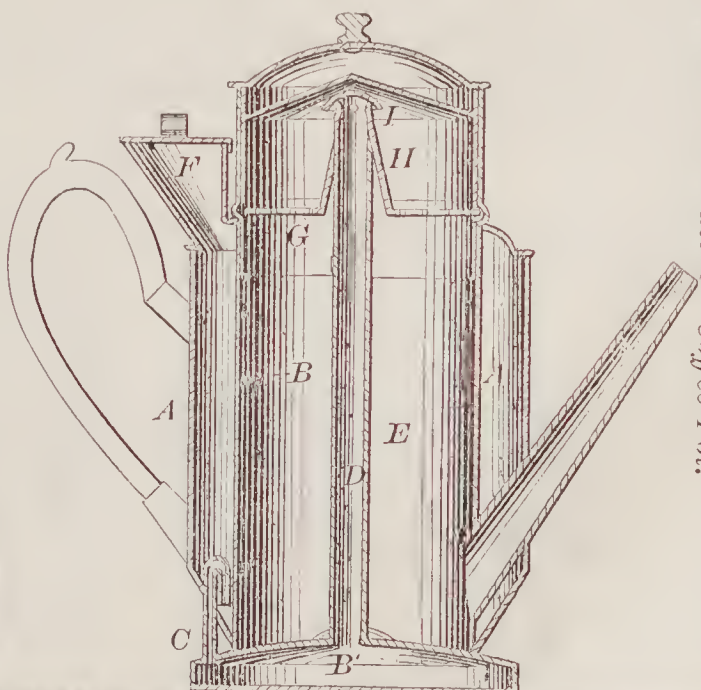
64470—E. B. Andrews—Organ Pipe.

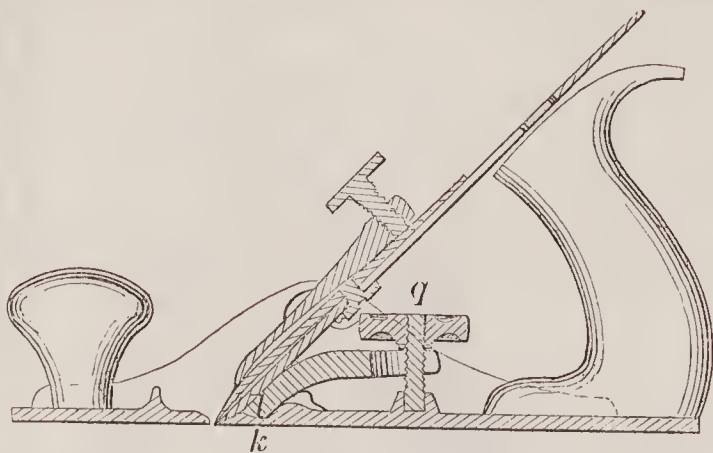
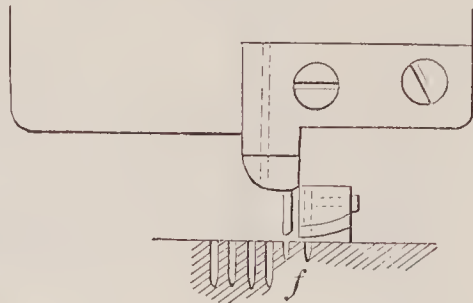
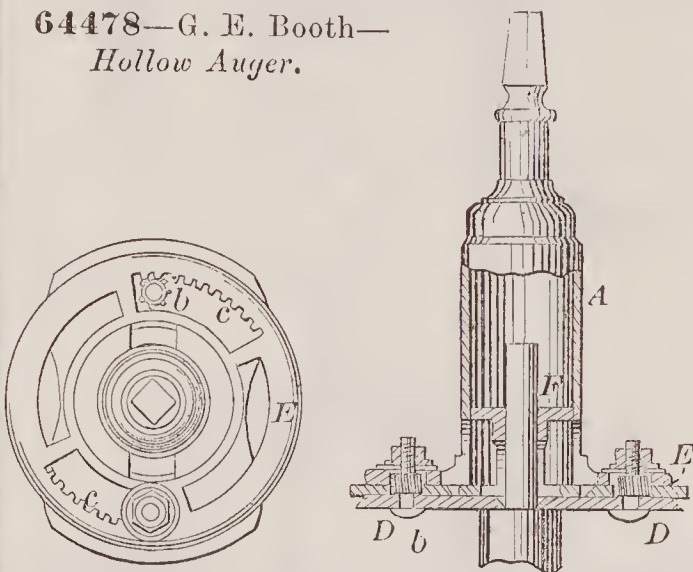
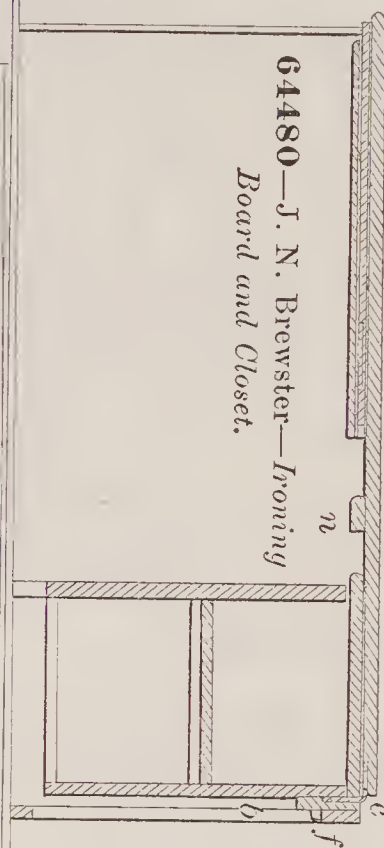
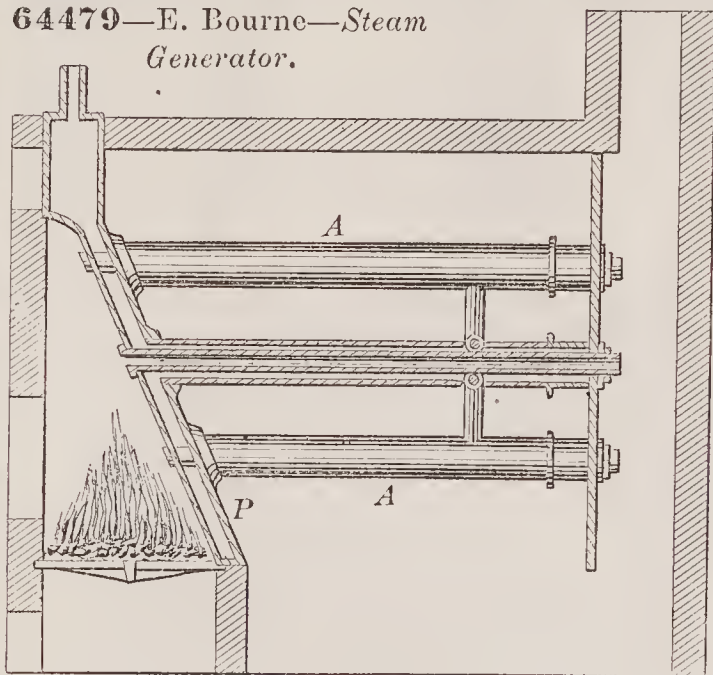
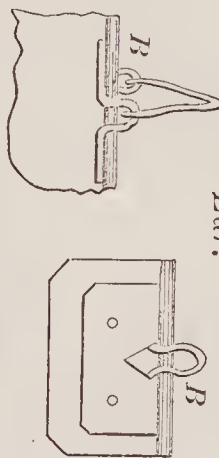
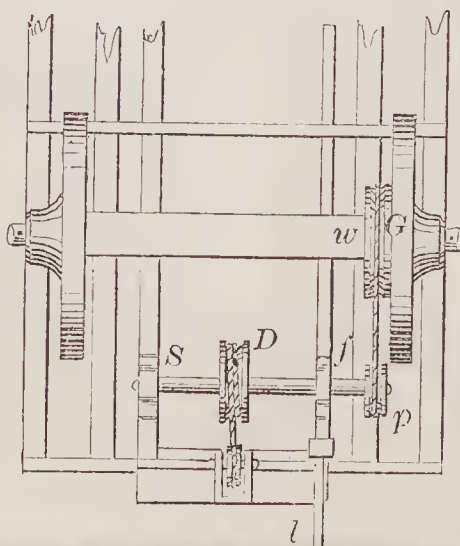
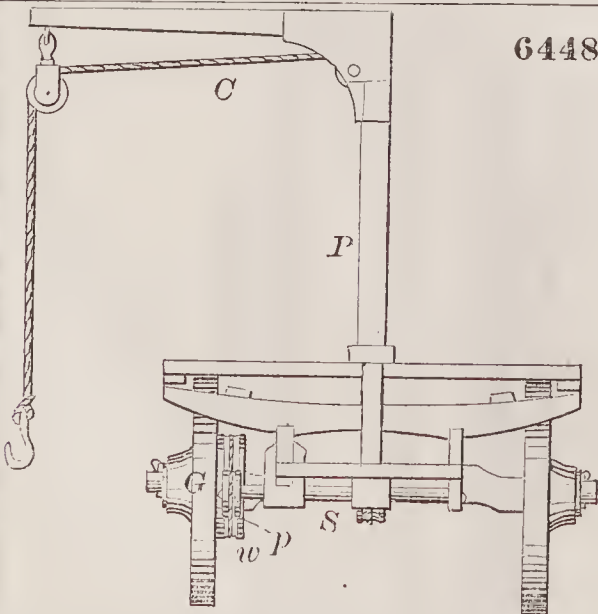


64474—H. M. Beidler—Lamp.

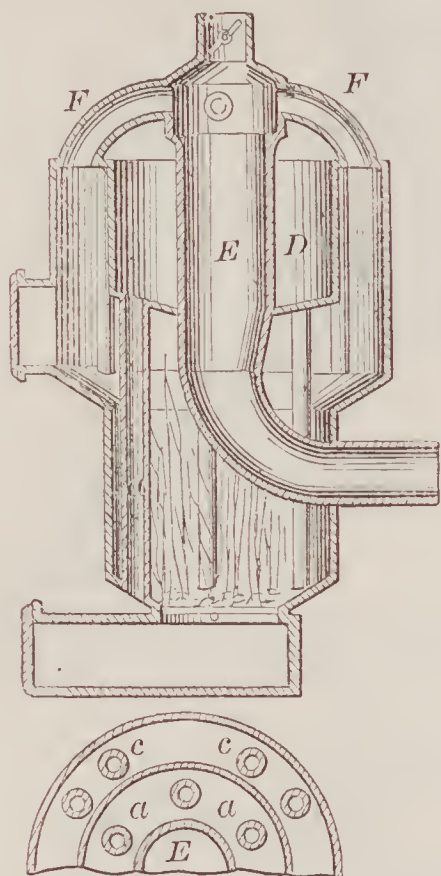


64476—J. Blackie—Coffee Pot.

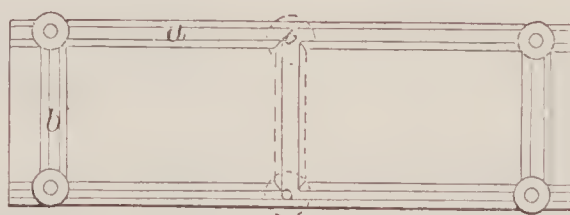


64477—B. A. Blandin—*Bench Plane.*64481—B. Q. Budding—*Pegging Machine.*64478—G. E. Booth—*Hollow Auger.*64480—J. N. Brewster—*Ironing Board and Closet.*64479—E. Bourne—*Steam Generator.*64484—H. Callahan—*Bucket Ear.*64482—J. Bullis—*Hay Loader.*64483—Burditt & Preston—*Signal Whistle.*

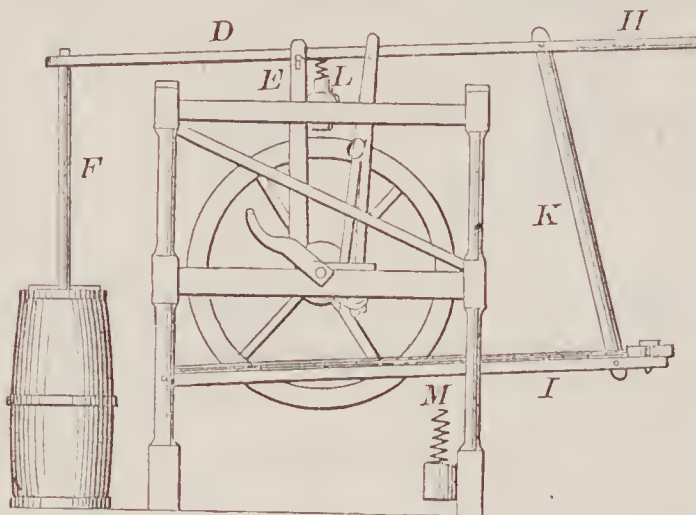
64485—E. H. Camp—*Hot Air Furnace.*



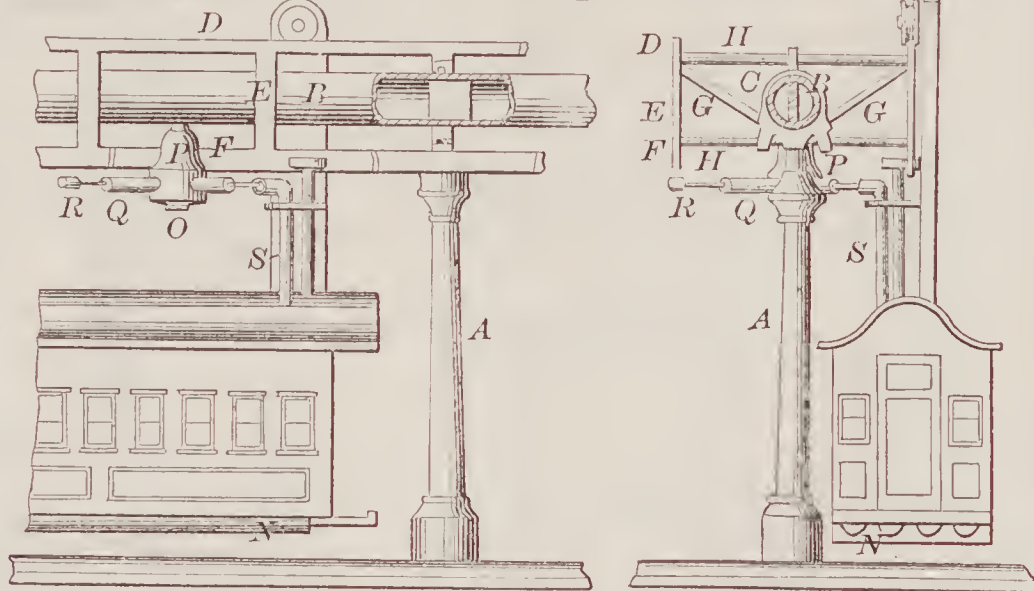
64488—L. S. Chase—*Picture Frame.*



64490—J. Christley—*Churn Power.*



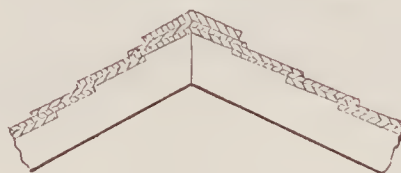
64487—A. H. Caryl—*Atmospheric Railroad.*



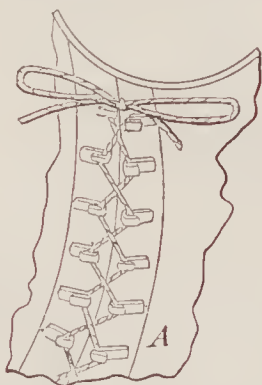
64486—G. W. Carpenter—*Door Strip.*



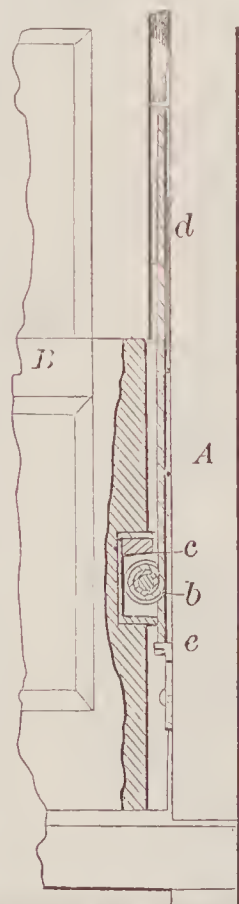
64493—Converse & Torrey—*Composition Roofing.*



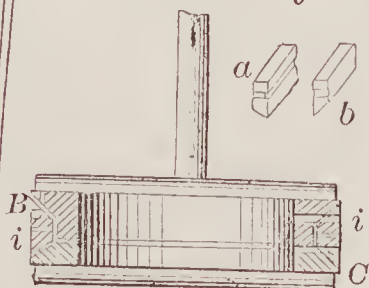
64489—W. H. Christie—*Shoe Lacer.*



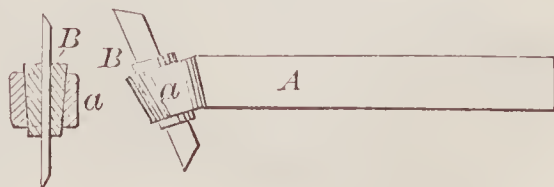
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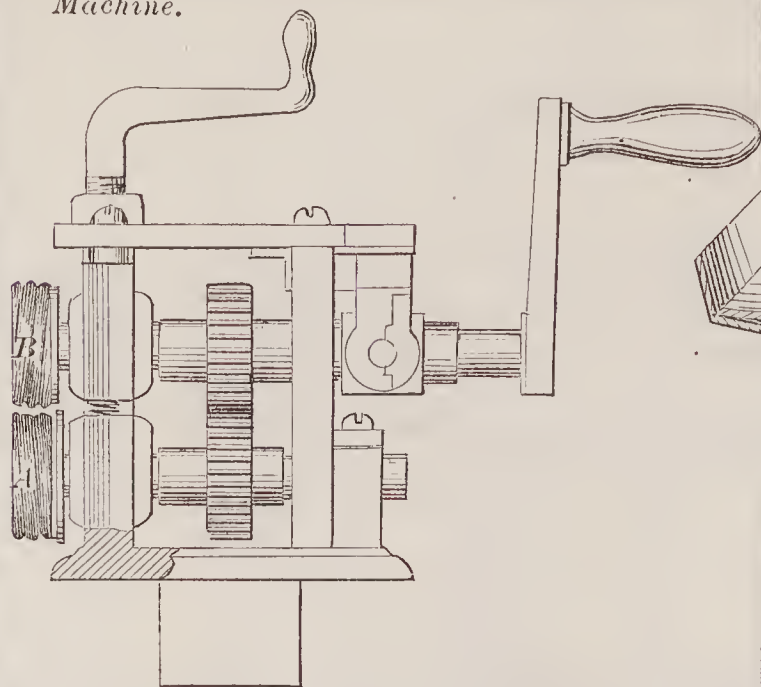
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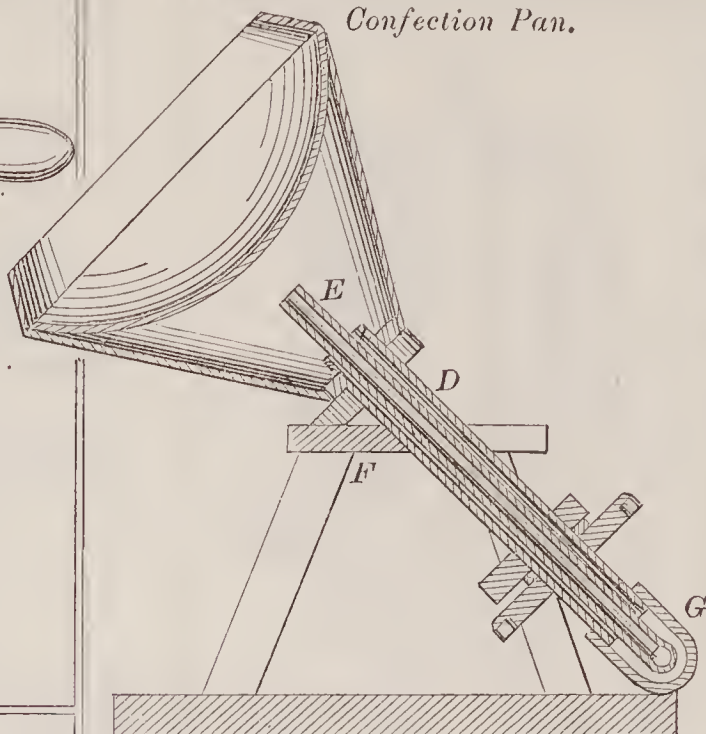
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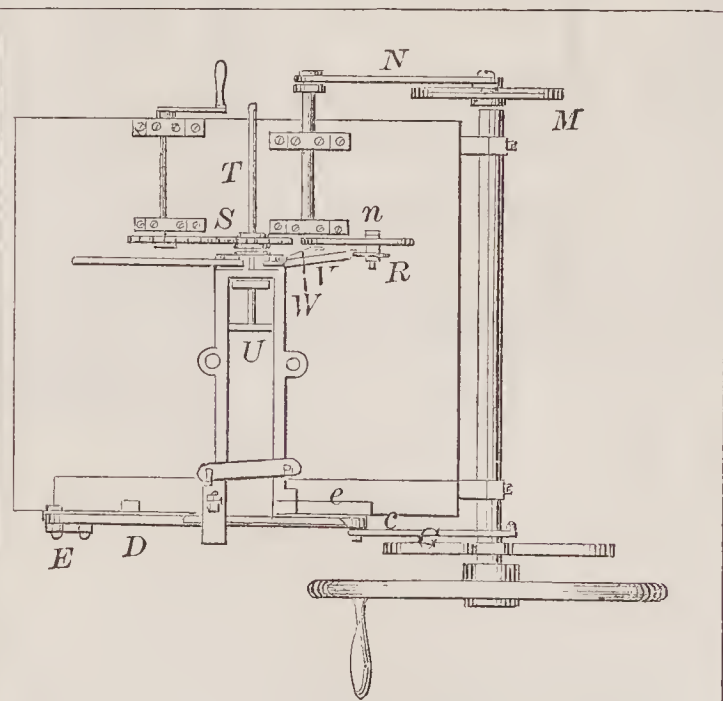
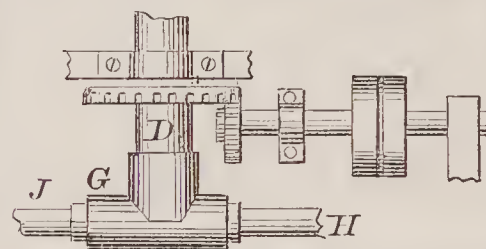
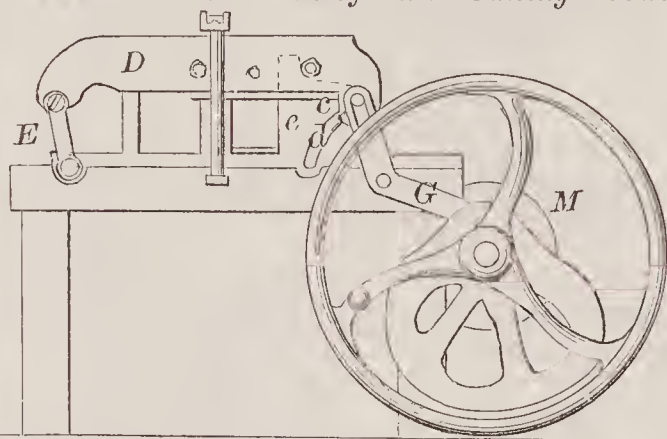
64495—Cope & Maxwell—*Screw Swedging Machine.*



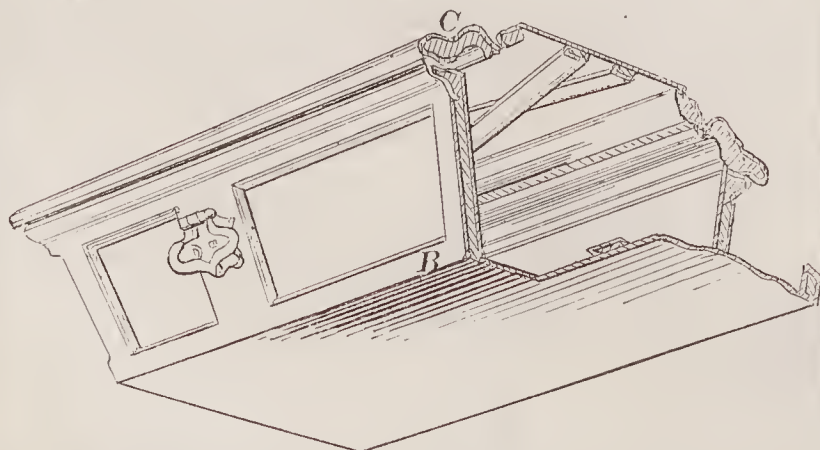
64497—G. H. Cross—*Steam Confection Pan.*



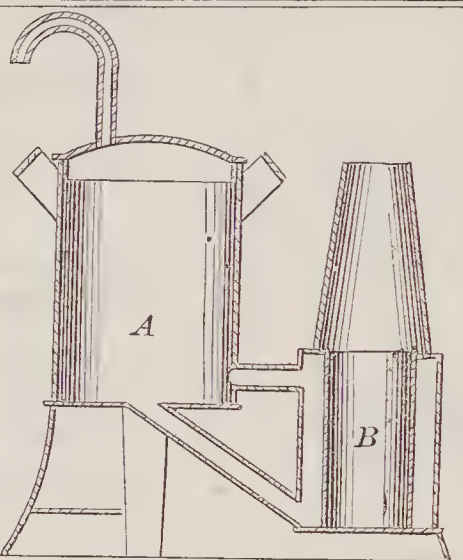
64498—J. W. Crossley—*For Cutting Tobacco.*



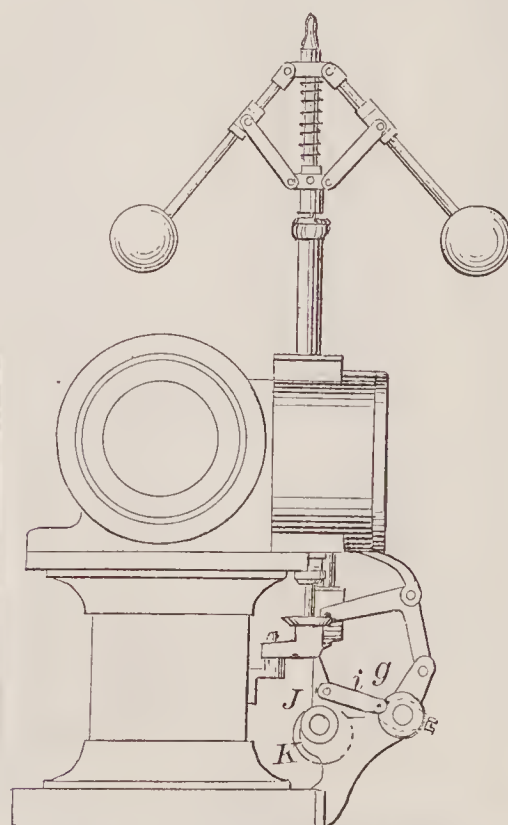
64496—M. H. Crane—*Metallic Burial Case.*



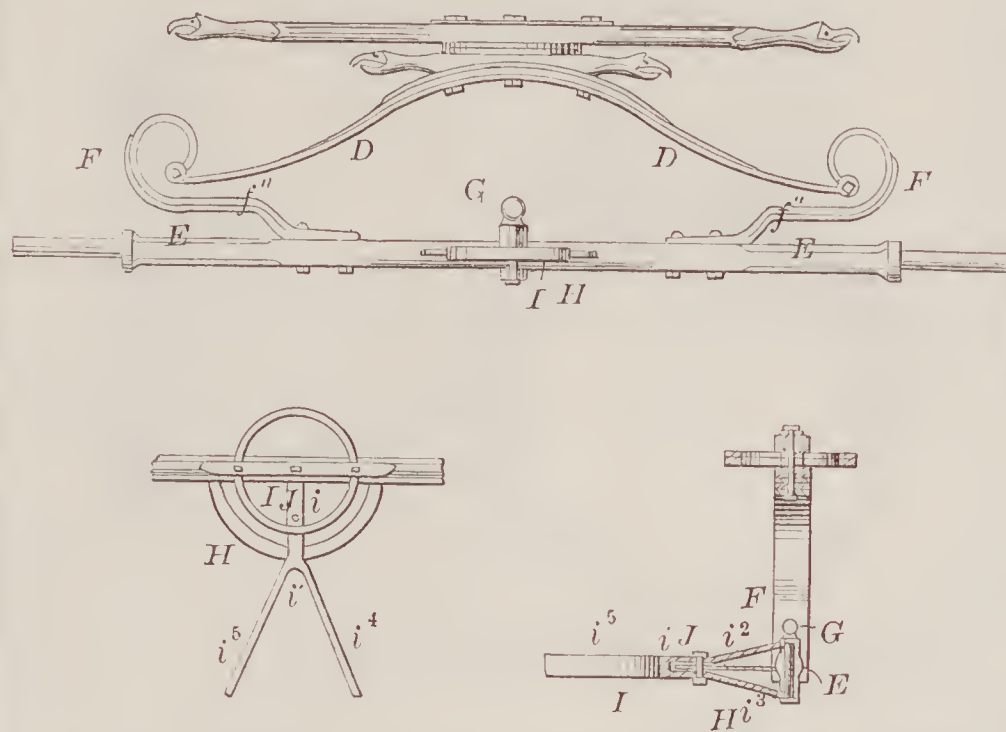
64499—L. Daubert—*For Extracting Oil from Herbs.*



64500—Davis & Rollins—*Steam Engine Governor.*



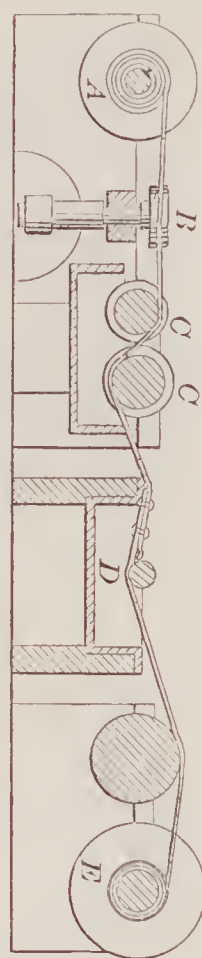
64501—T. De Witt—*Carriage Spring and Coupling.*



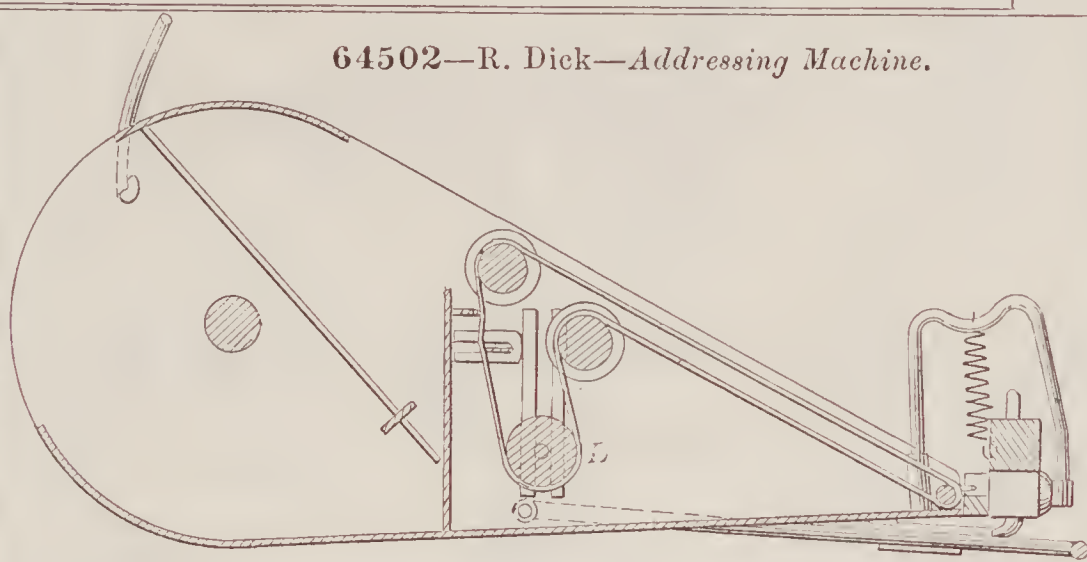
64506—F. B. Doughty—*Interfering Attachment.*



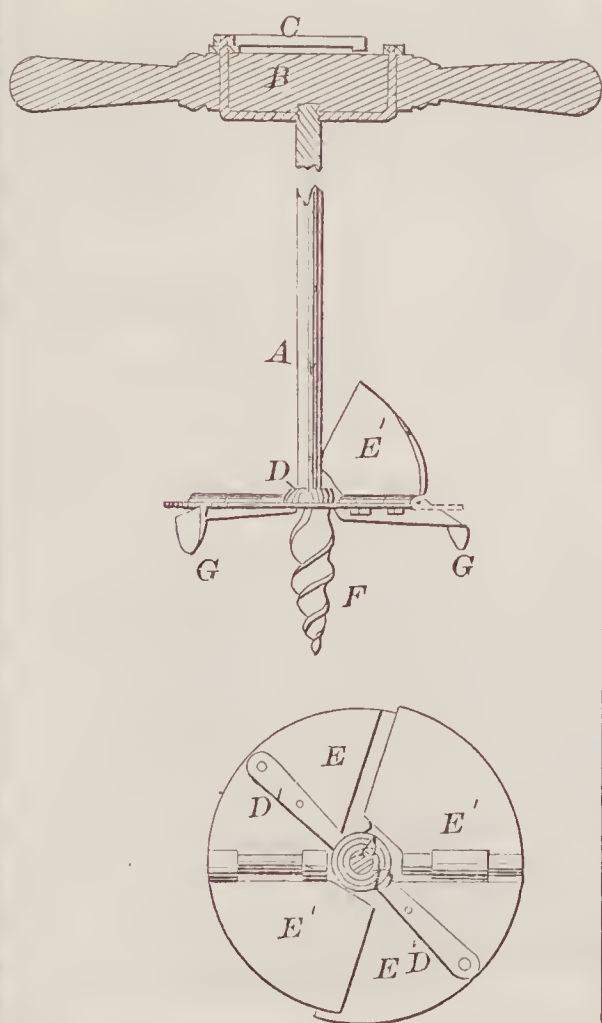
64505—A. B. Doolittle—*For Polishing Metal Springs.*



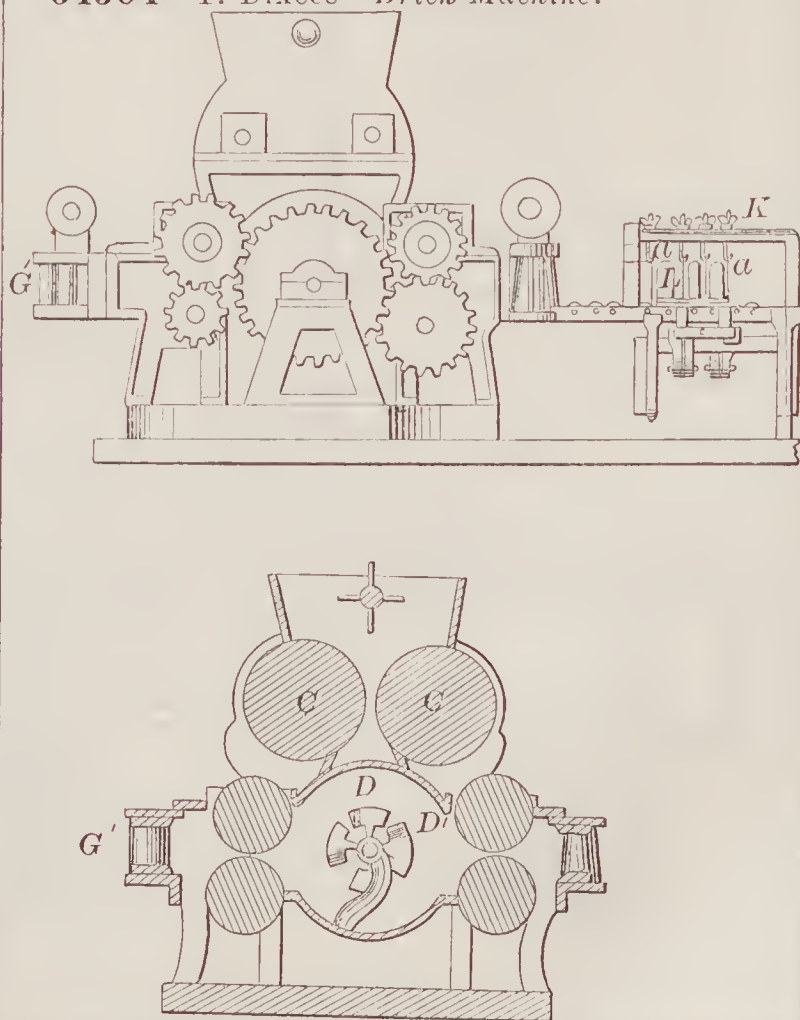
64502—R. Dick—*Addressing Machine.*



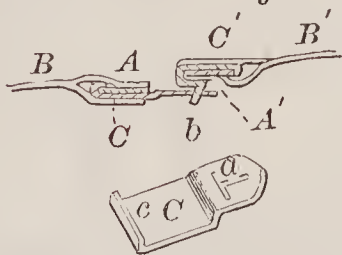
64503—A. J. Dine—*Earth Auger.*



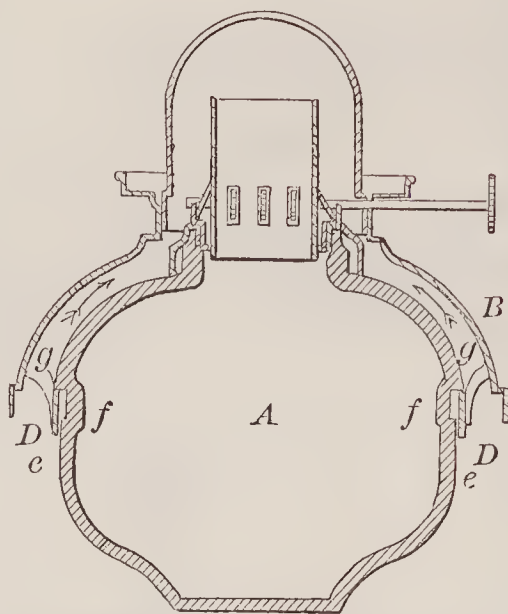
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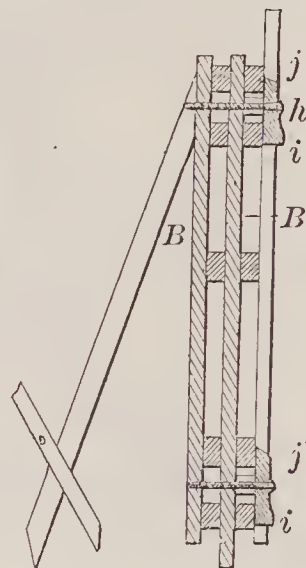
64507—J. F. Dubber—*Corset Fastening.*



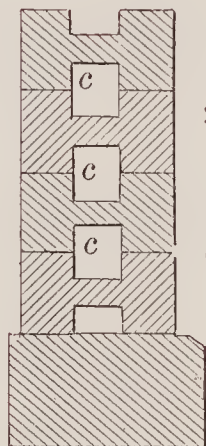
64508—M. B. Dyott—*Lamp.*



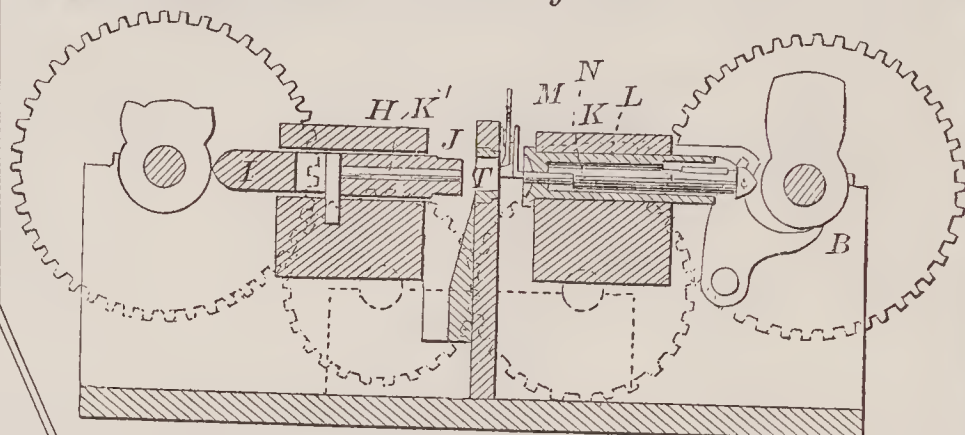
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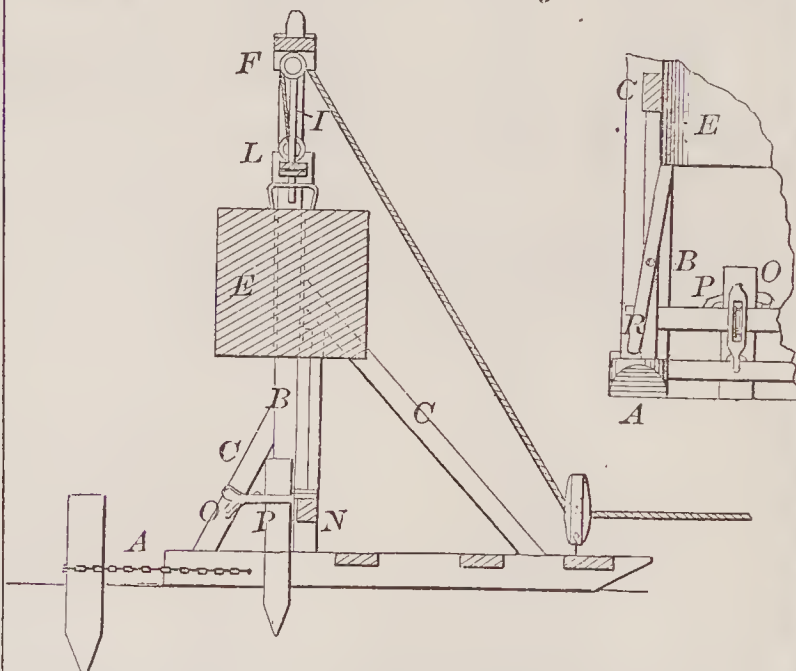
64512—B. F. Farrar—*Ventilation of the Walls of Buildings.*



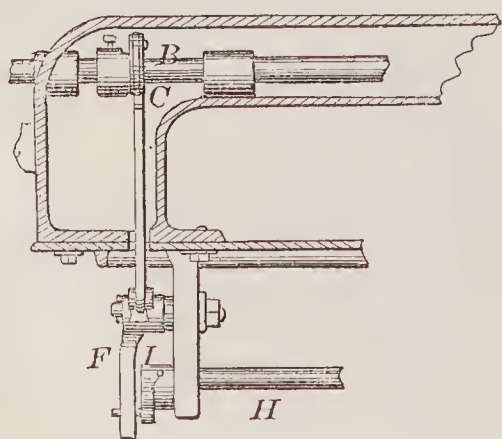
64510—A. Emerson—*For Making Nuts.*



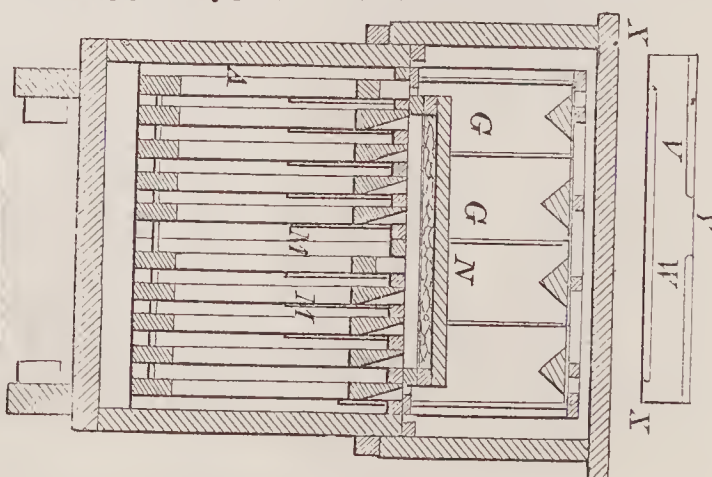
64514—C. T. Fitch—*Post Driving Machine.*



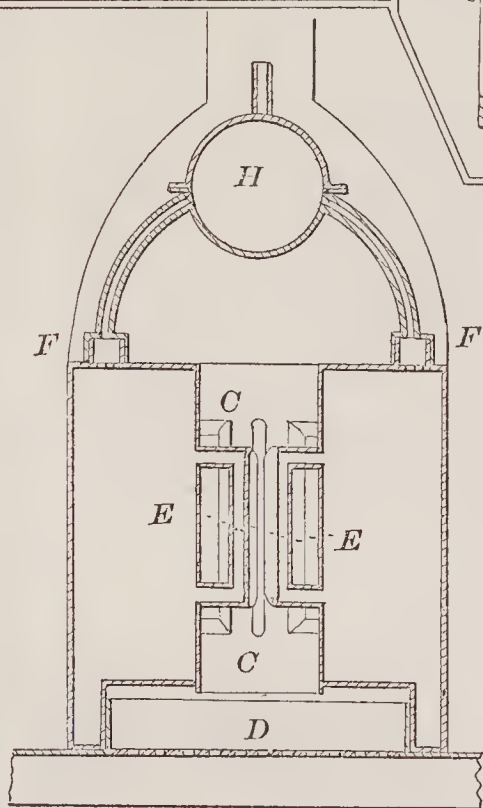
64511—B. Eybel—*For Converting Motion.*



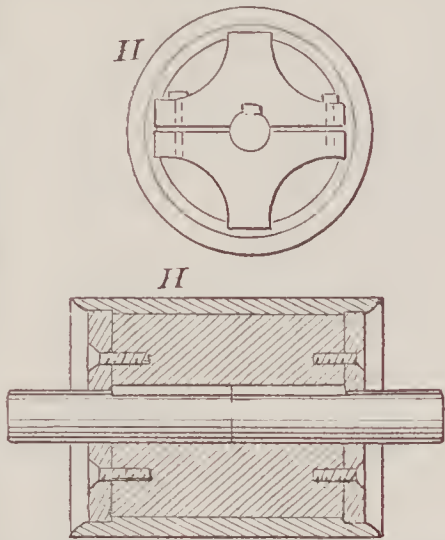
64515—W. A. Flanders—*Beehive.*



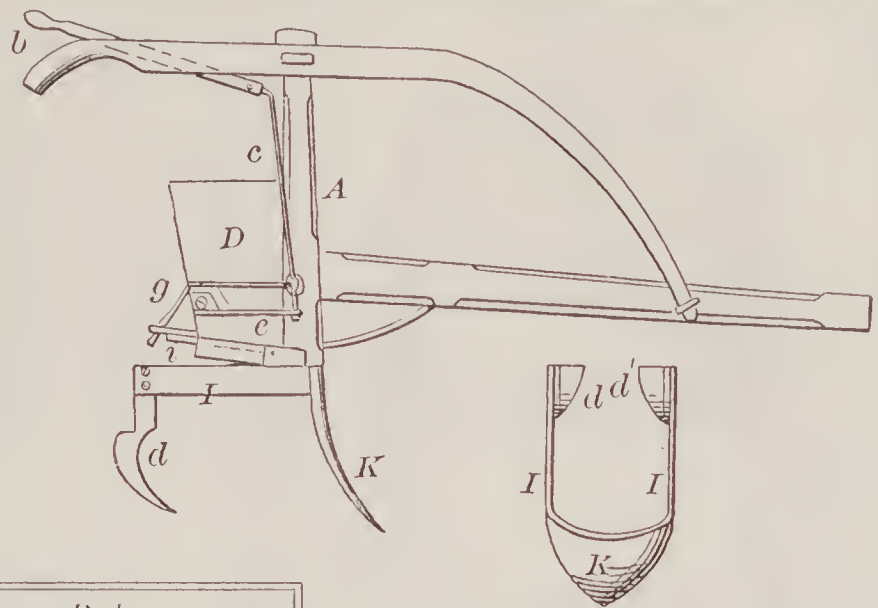
64513—H. T. Fenton—*Steam Generator.*



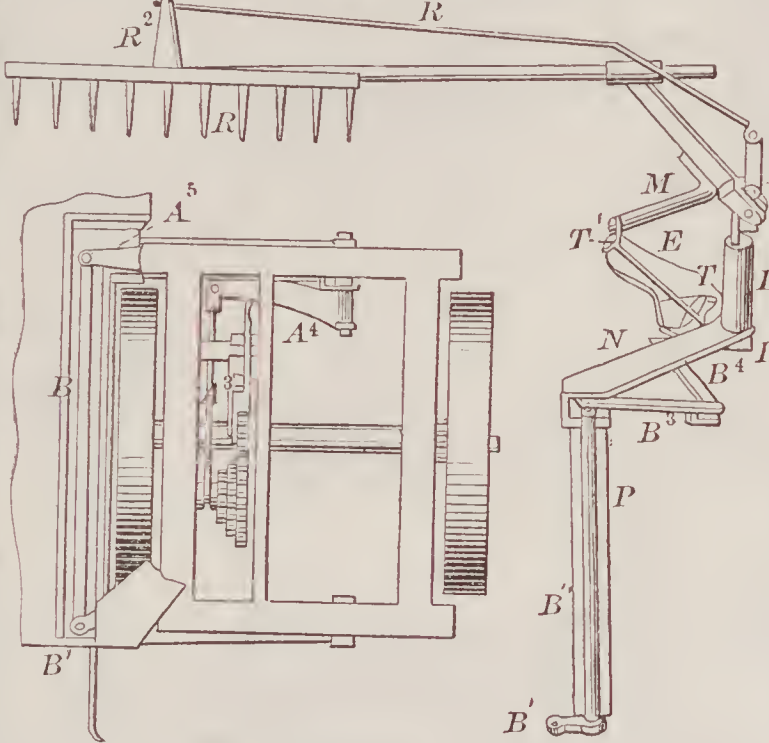
64516—H. C. Fritz—*Shaft Coupling.*



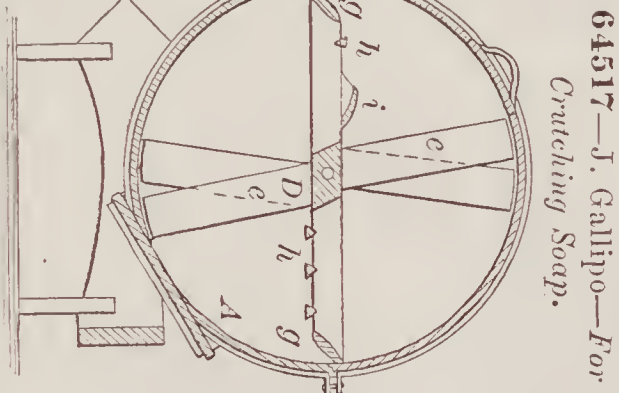
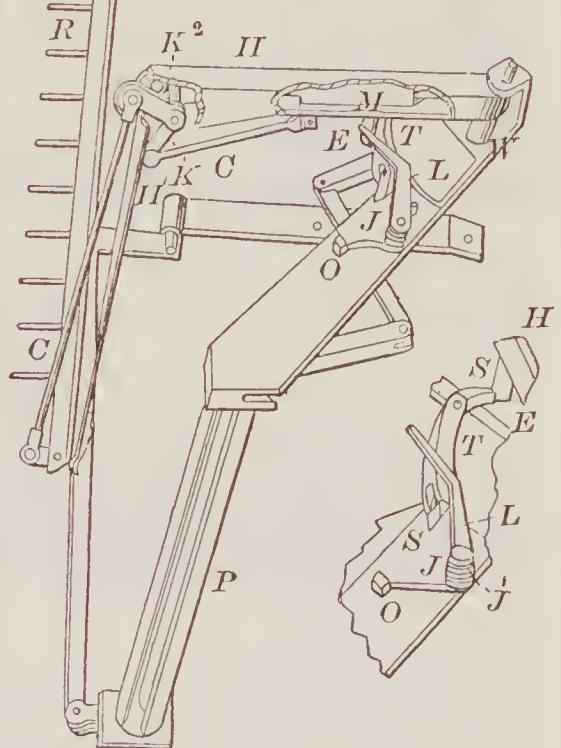
64519—W. L. Gebby—*Planter and Cultivator.*



64520—W. F. Goodwin—*Harvester Rake.*

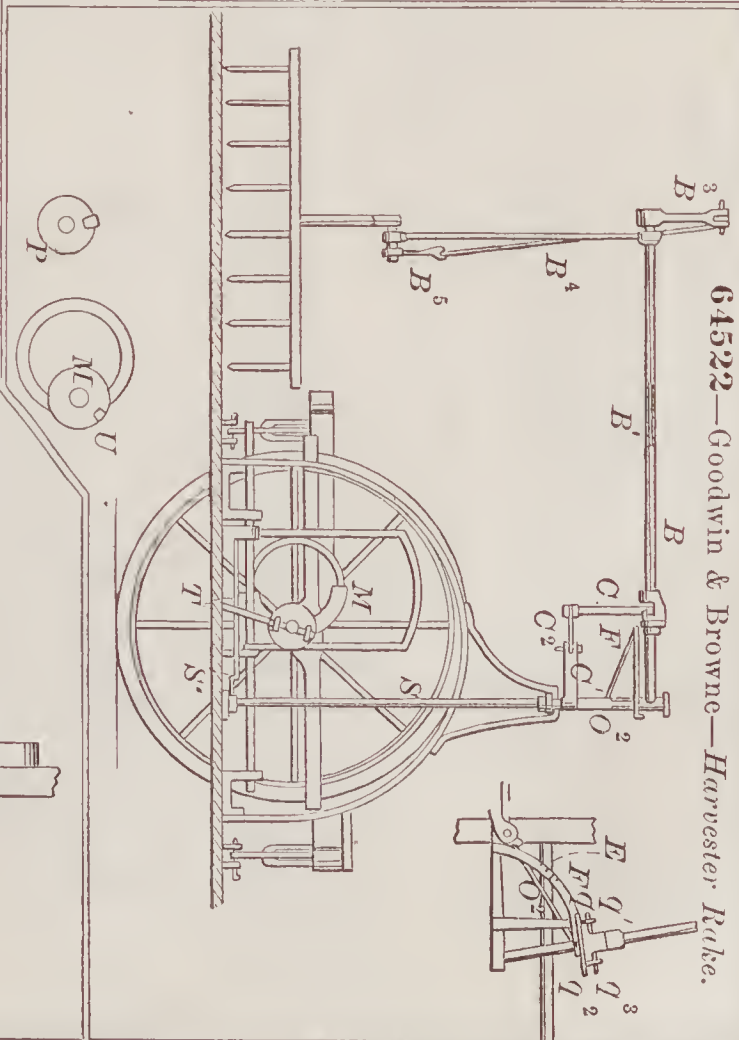
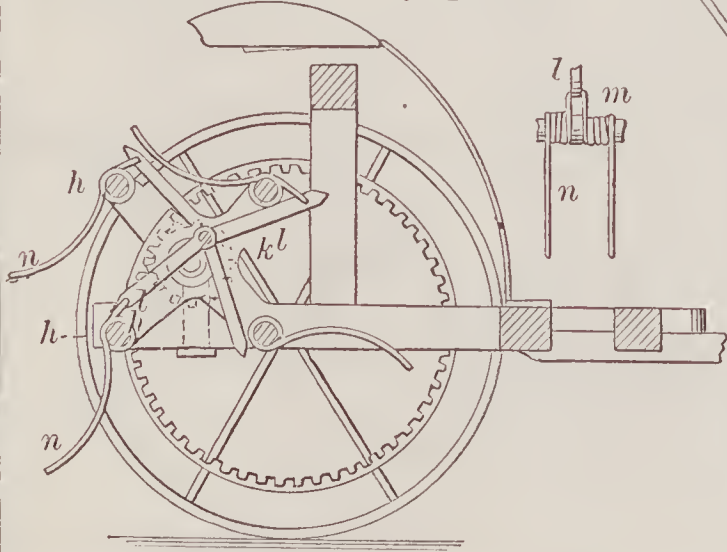


64521—W. F. Goodwin—*Harvester Rake.*



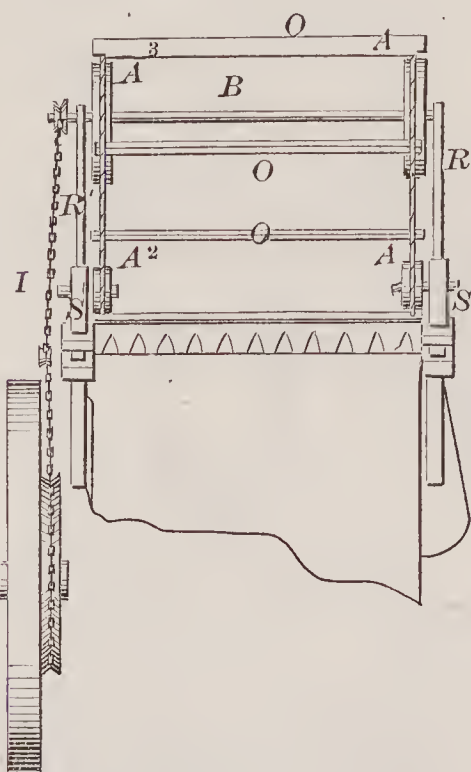
64517—J. Gallipo—*For Crutching Soap.*

64518—J. Garfield—*Hay Spreader.*

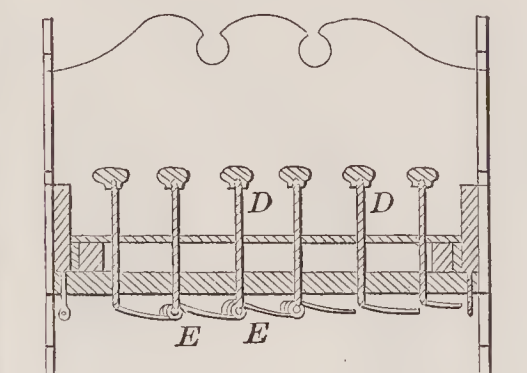


64522—Goodwin & Browne—*Harvester Rake.*

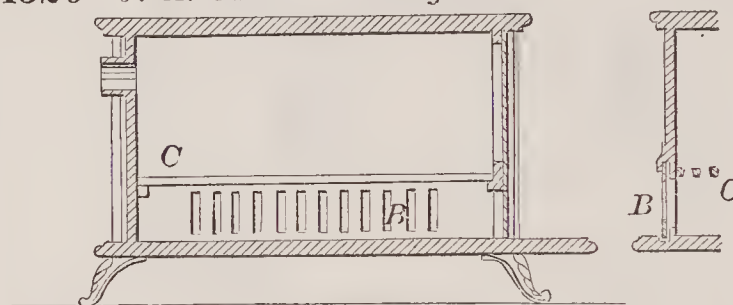
64523—Goodwin & Browne—*Harvester Rake.*



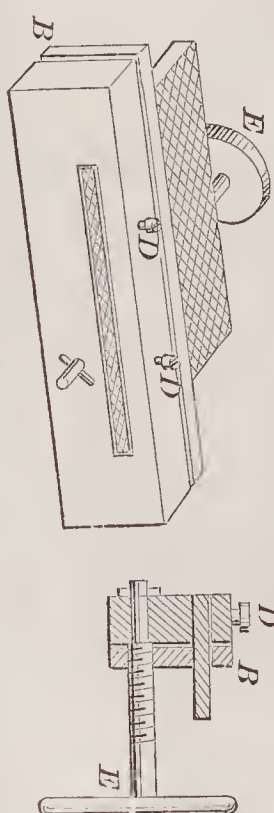
64528—C. H. Hardy—*Bed Bottom.*



64526—J. H. Green—*Heating Stove.*



64529—W. F. Hellen—*Skate Sharpener.*



64524—L. Gore—*Sap Spout.*



Fig. 1

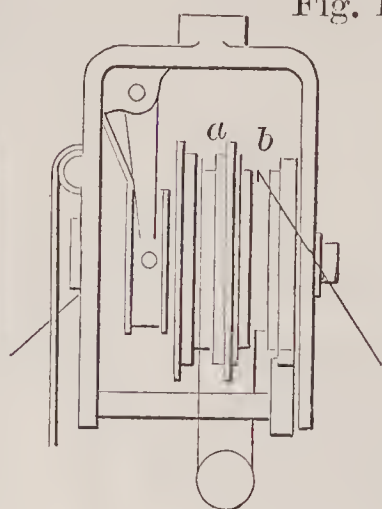


Fig. 11

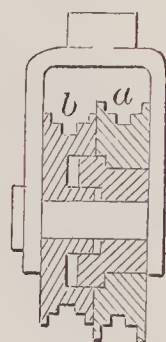
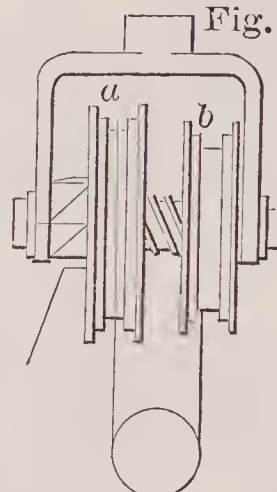
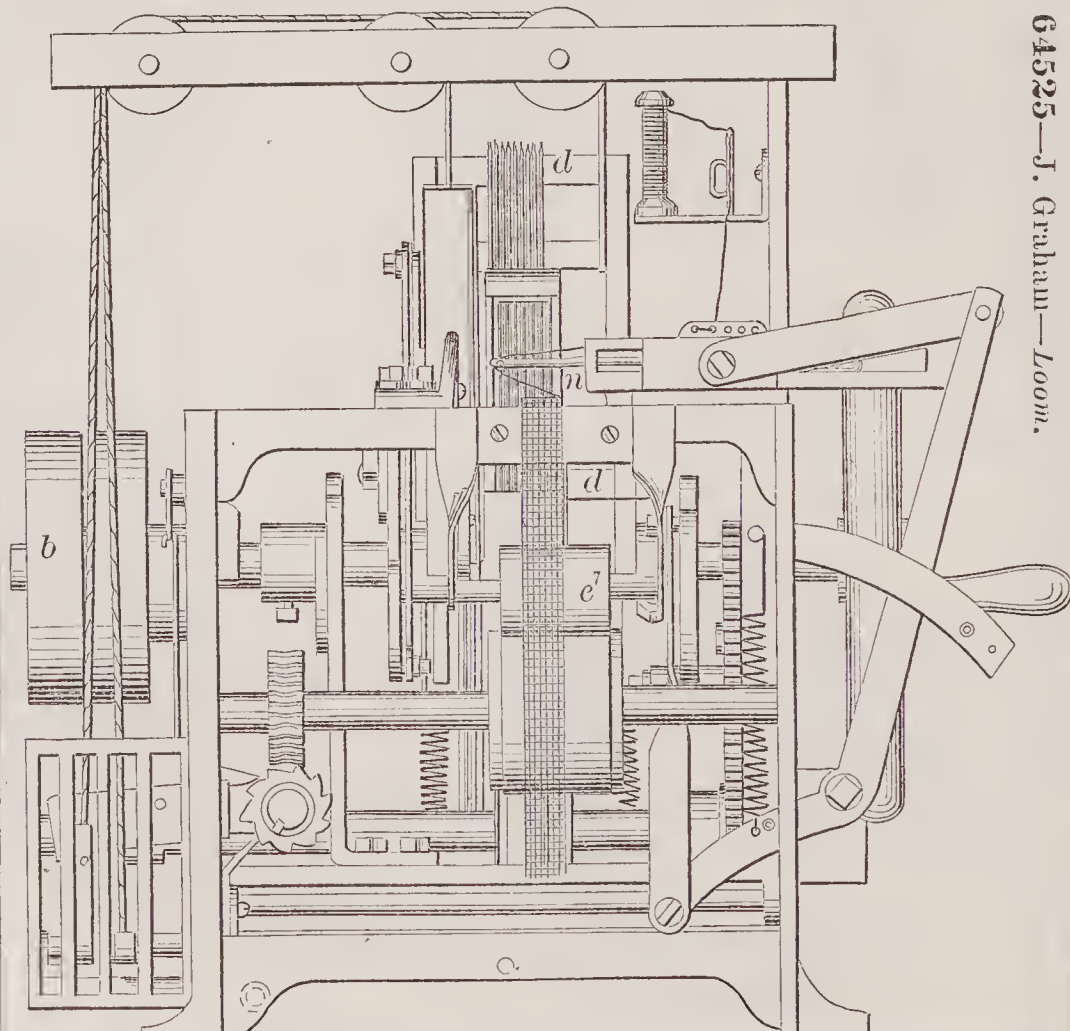


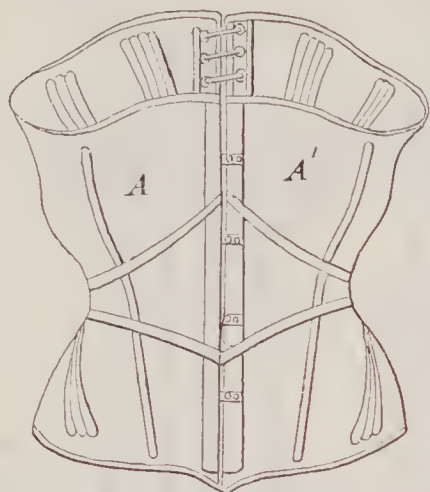
Fig. 9



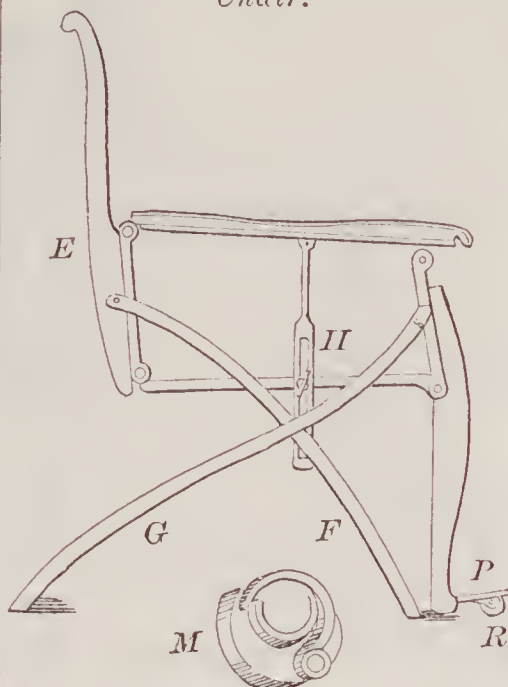
64525—J. Graham—*Loom.*



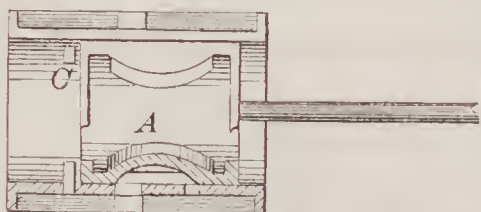
64530—E. Drucker—*Corset.*



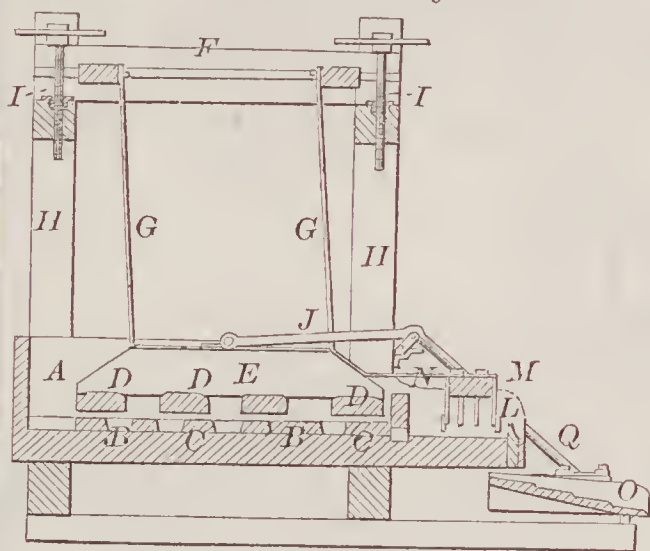
64535—J. Hyde—*Folding Chair.*



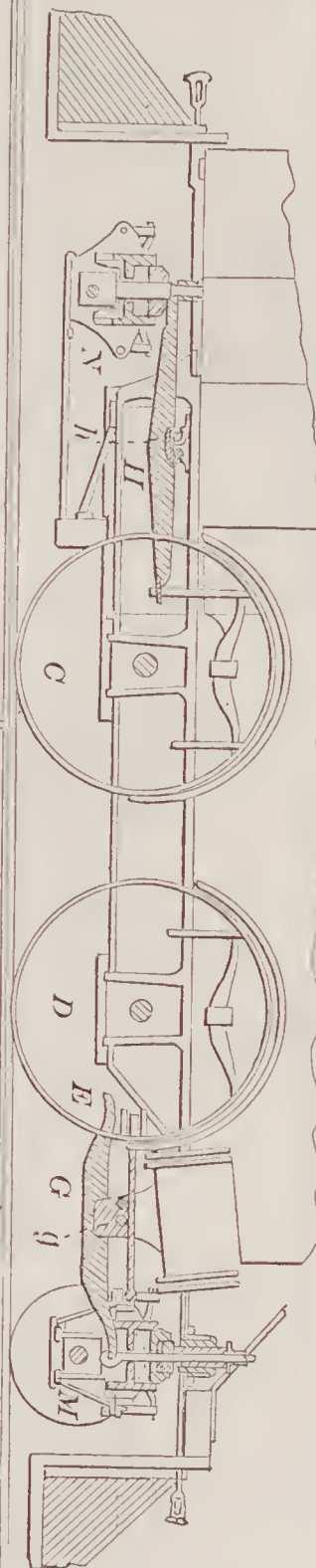
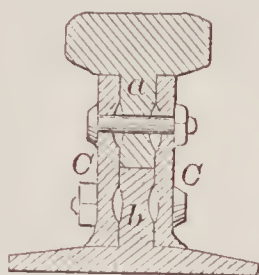
64532—A. Hobbs—*Slide Valve.*



64534—A. Hunter—*Amalgamator.*



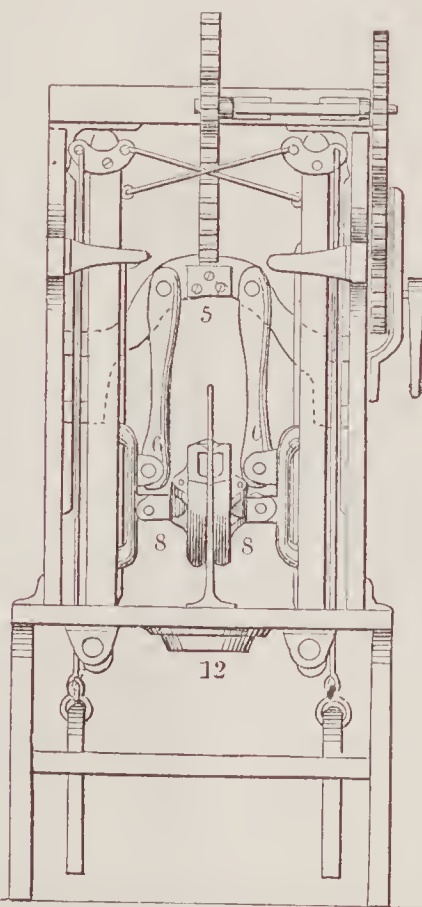
64536—L. B. Hymer—*Railroad Rail.*



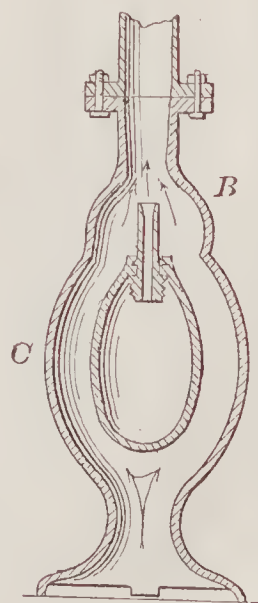
64533—W. S. Hudson—*Locomotive Truck.*

64538—S. W. Jamison—

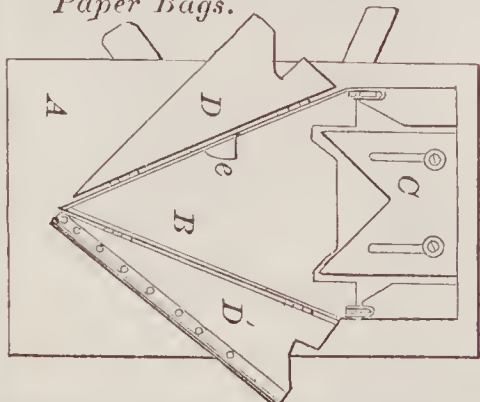
Boot Crimping Machine.



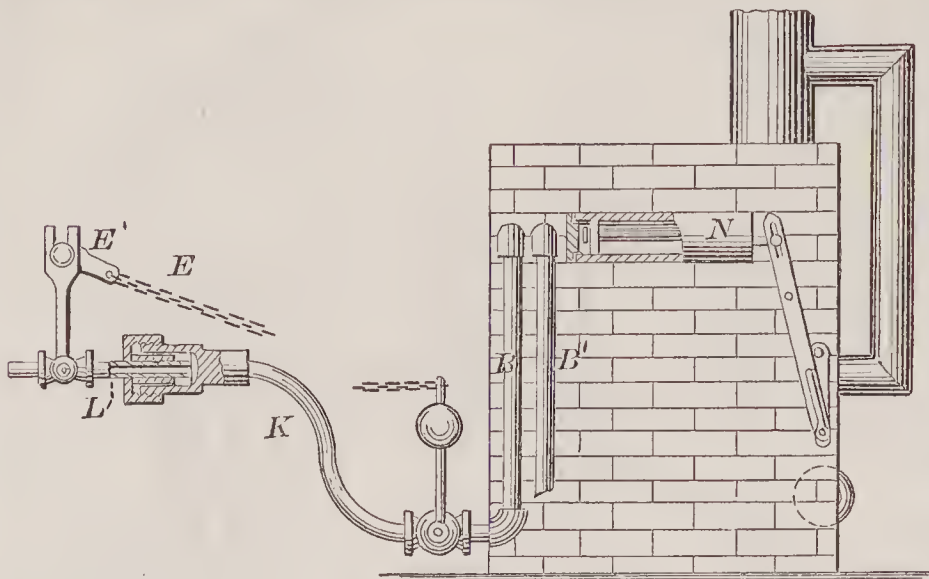
64539—T. J. Jones—*Water Ejector.*



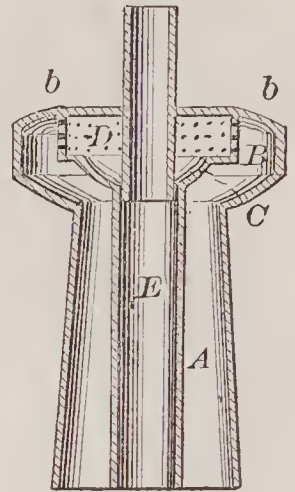
64537—G. L. Jaeger—*Making Paper Bags.*



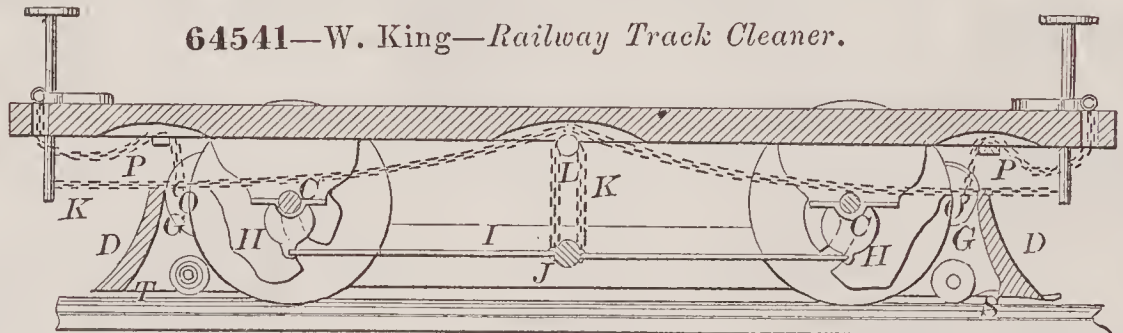
64540—P. M. Kafer—*Feed Water Heater.*



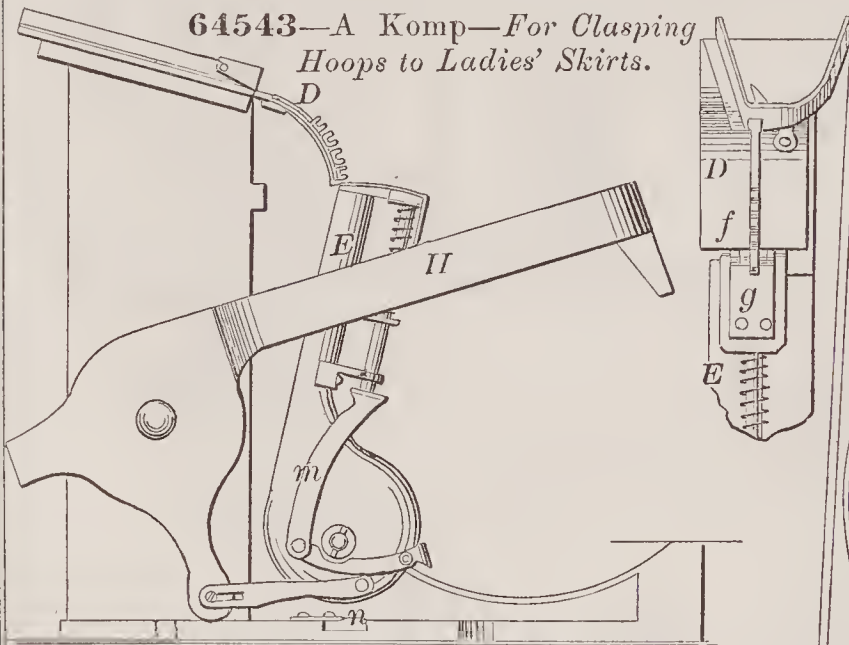
64544—H. Y. Lazear—*Gas Burner for Heating.*



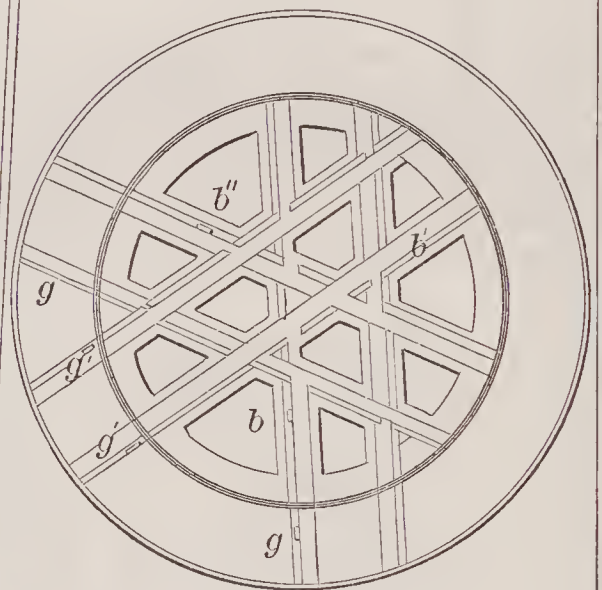
64541—W. King—*Railway Track Cleaner.*



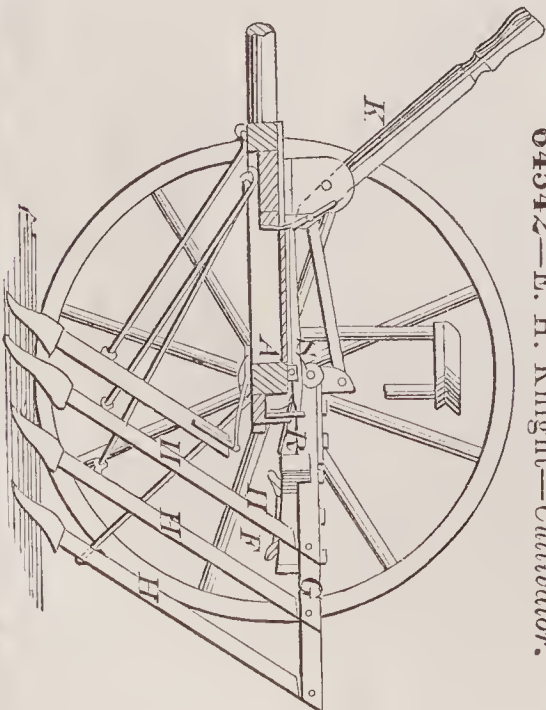
64543—A Komp—*For Clasping Hoops to Ladies' Skirts.*



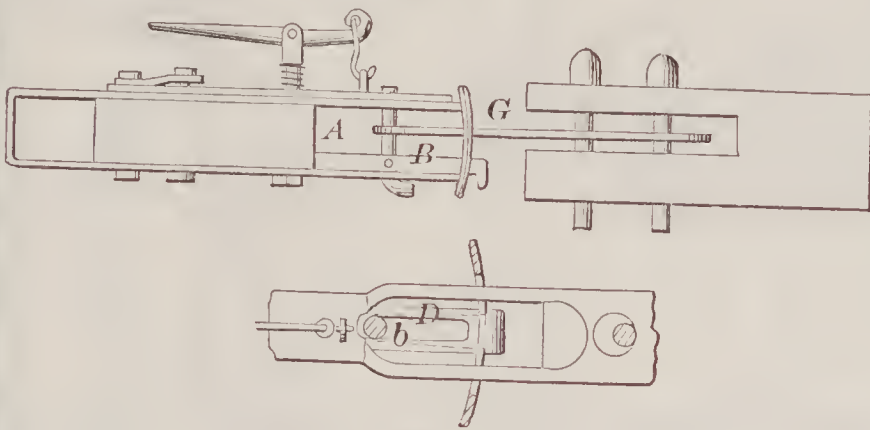
64545—Lee & Mudge—*Railroad
Turn Table.*



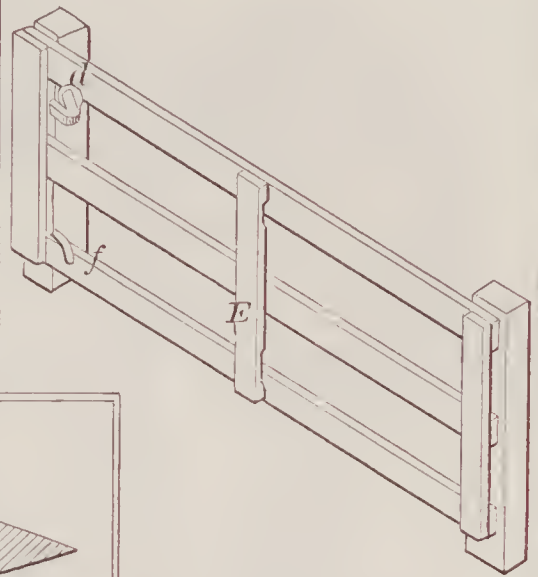
64546—T. S. Lewis—*Well Tube.*

64542—E. H. Knight—*Cultivator*.

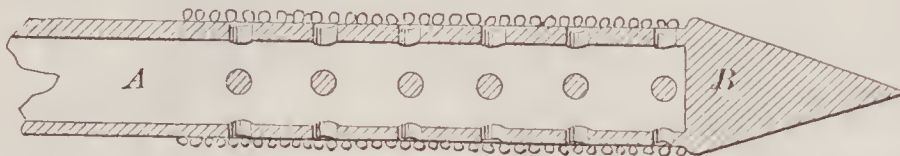
64547—E. Lindsley—*Car Coupling.*



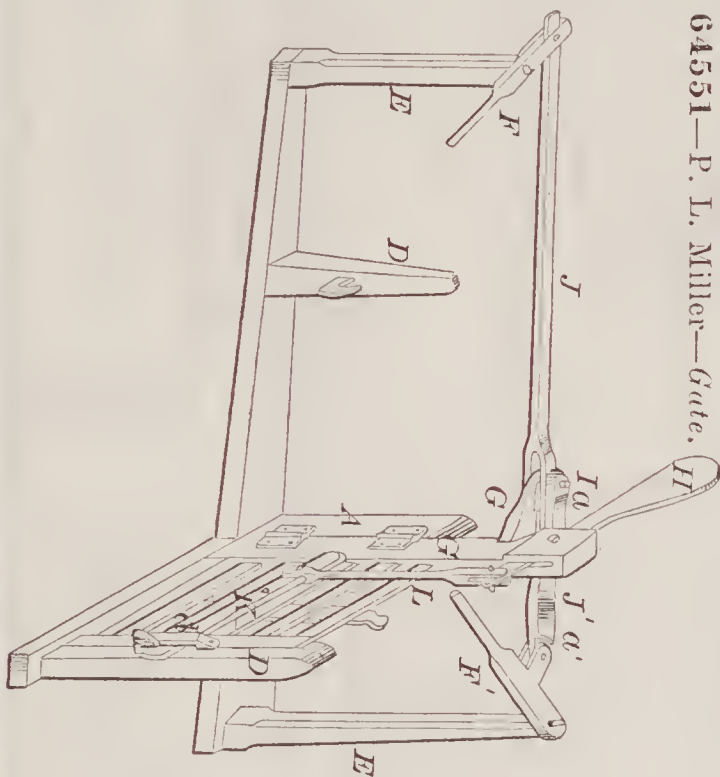
64548—J. McCreary—*Gate.*



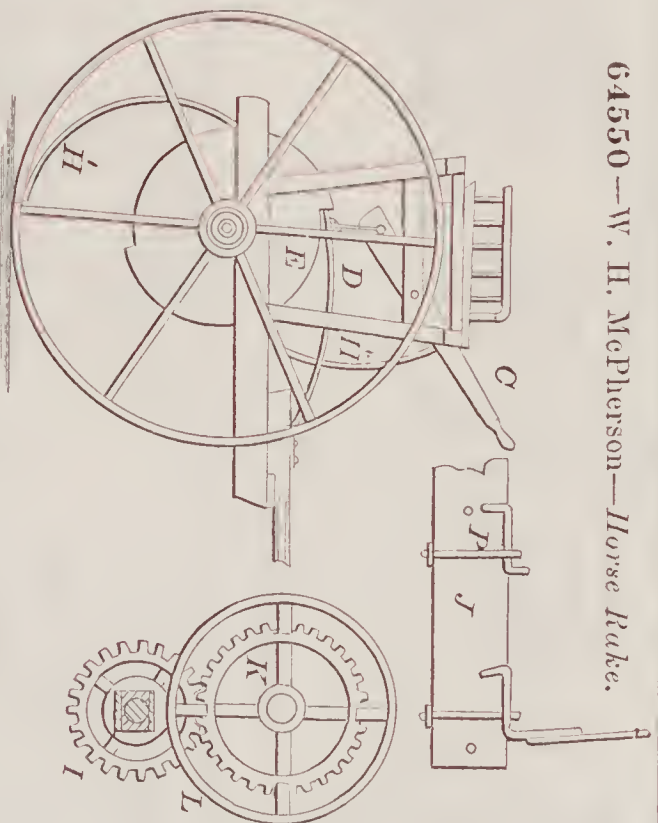
64549—A. Y. McDonald—*Well Tube.*



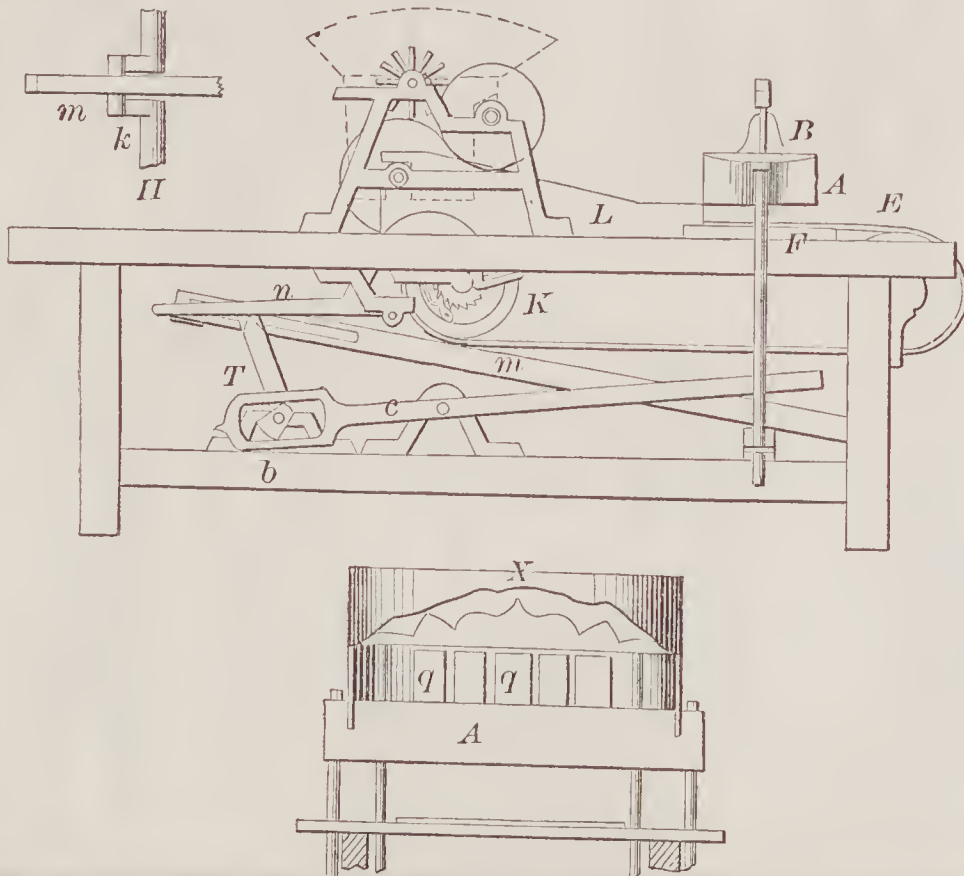
64551—P. L. Miller—*Gate.*



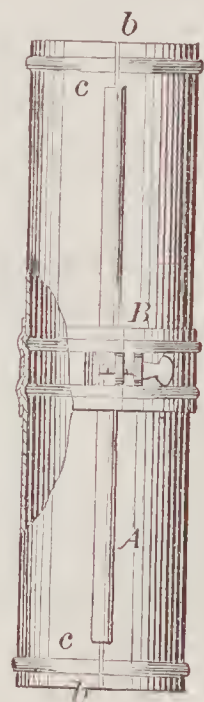
64550—W. H. McPherson—*Horse Rake.*

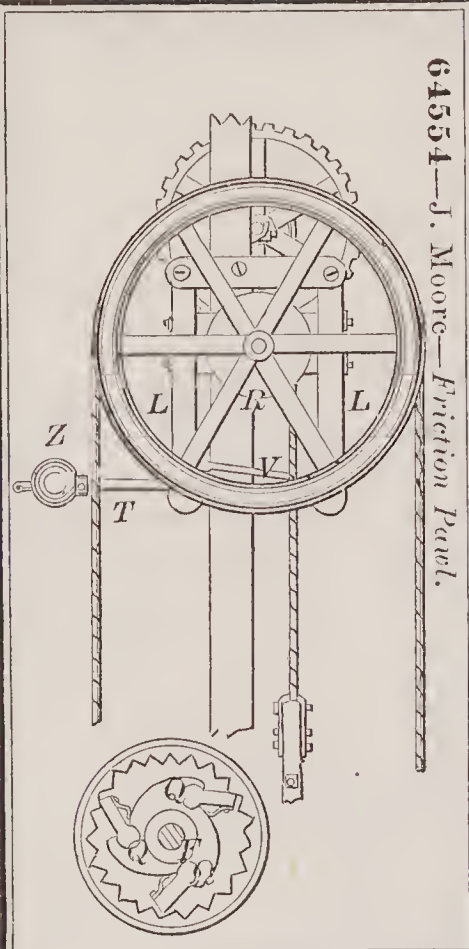


64553—H. C. Moore—*Peat Machine.*

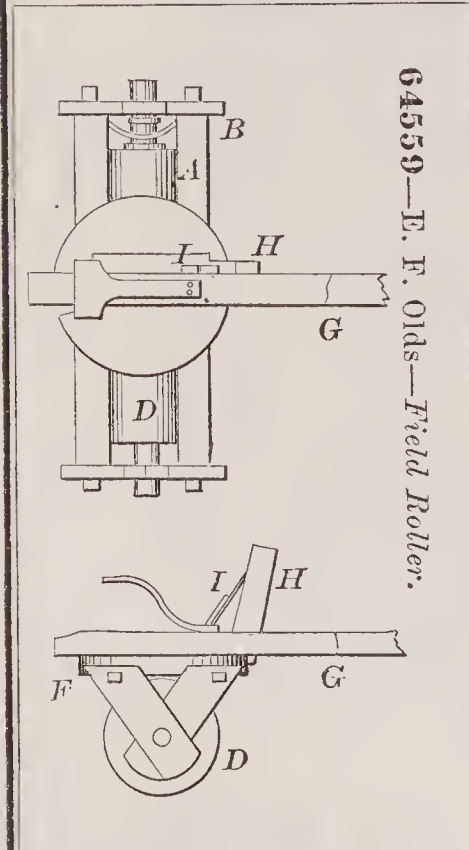


64552—Milliken & Pillsbury—*Stove Pipe Joint.*

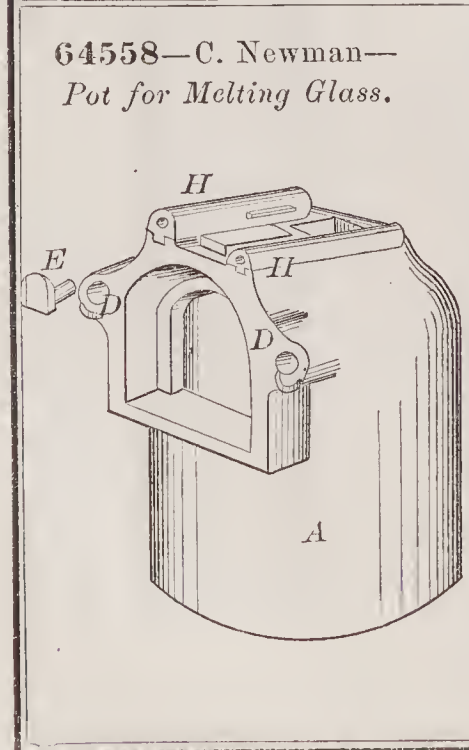




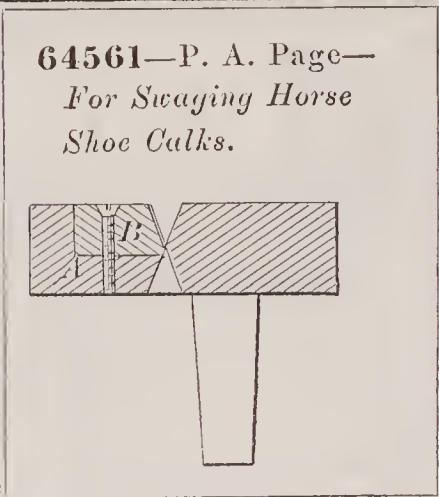
64554—J. Moore—Friction Pawl.



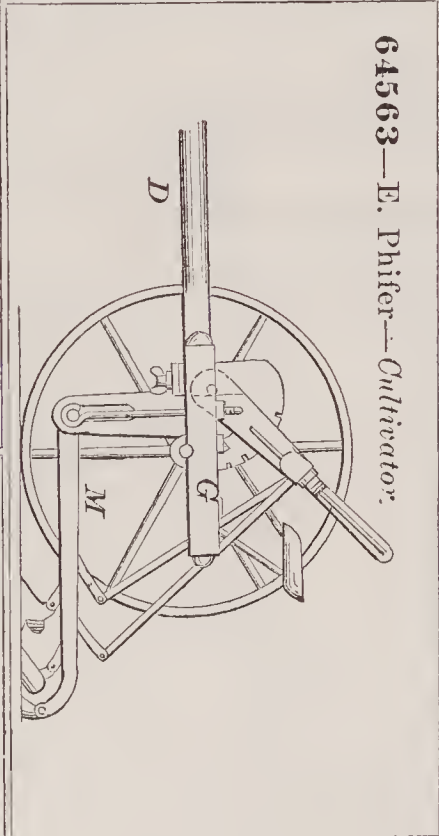
64559—E. F. Olds—Field Roller.



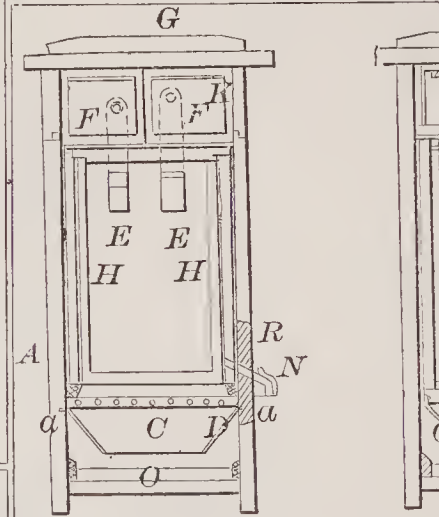
64558—C. Newman—Pot for Melting Glass.



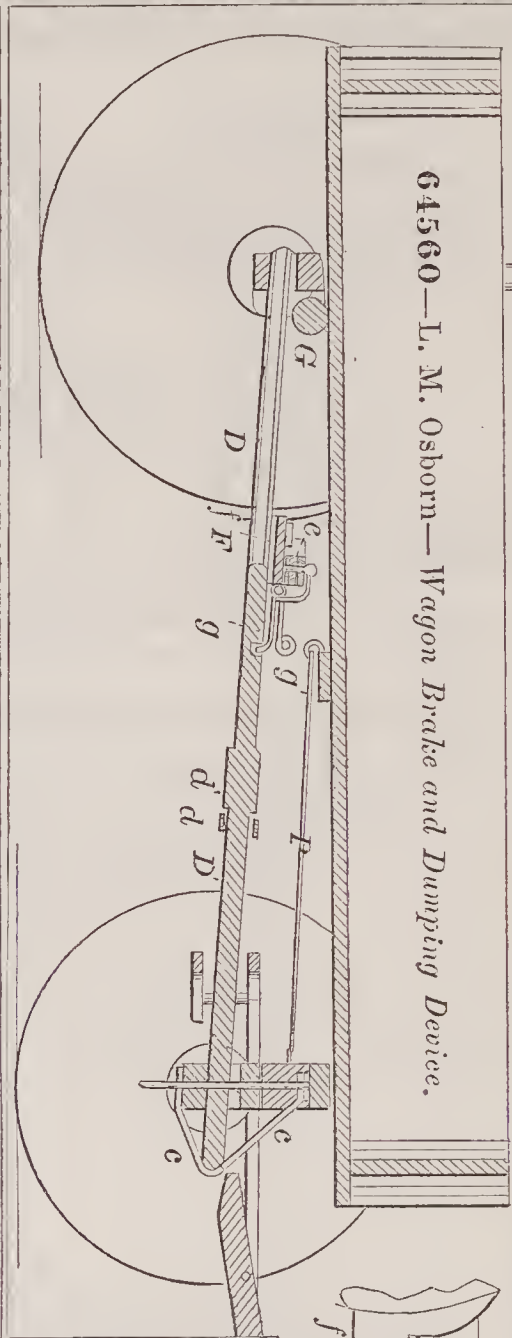
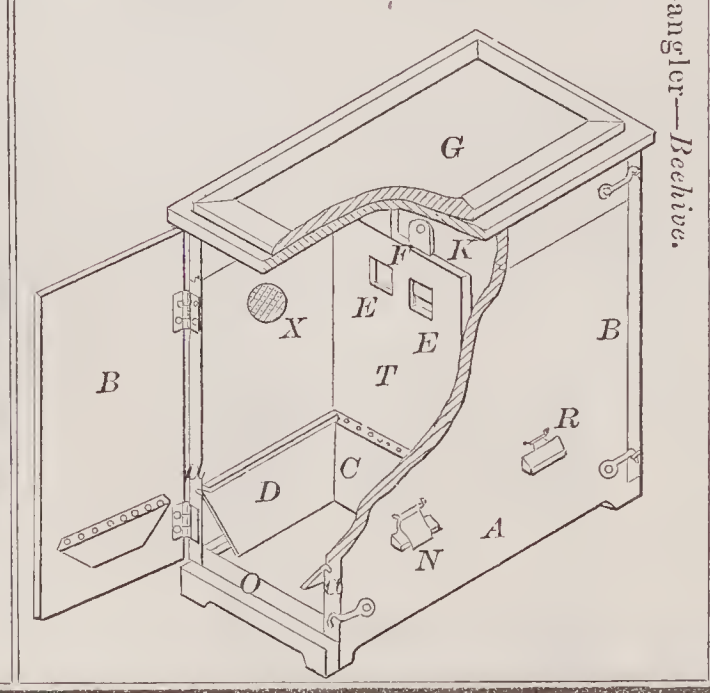
64561—P. A. Page—
For Swaging Horse
Shoe Calks.



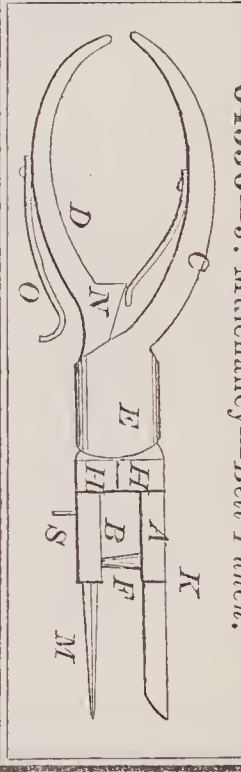
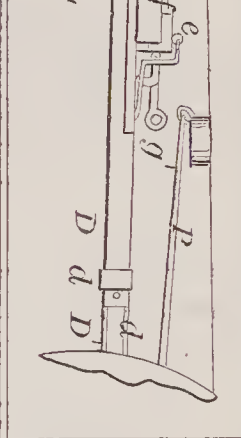
64563—E. Phifer—Cultivator.



64557—Myers, Walsler & Spangler—Beehive.

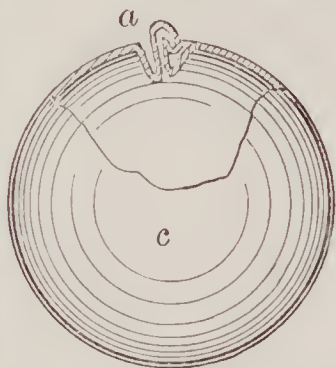


64560—L. M. Osborn—Wagon Brake and Dumping Device.

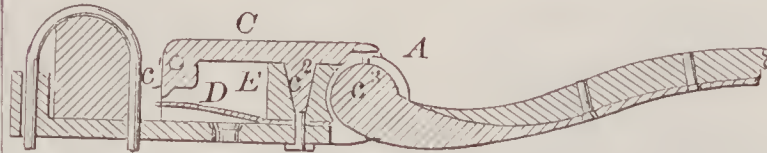


64556—J. Mulchahey—Belt Punch.

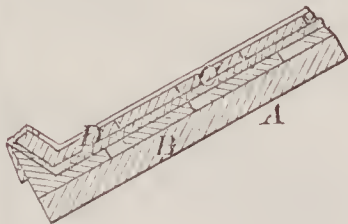
64564—L. Picot—*Hollow Articles of Rubber.*



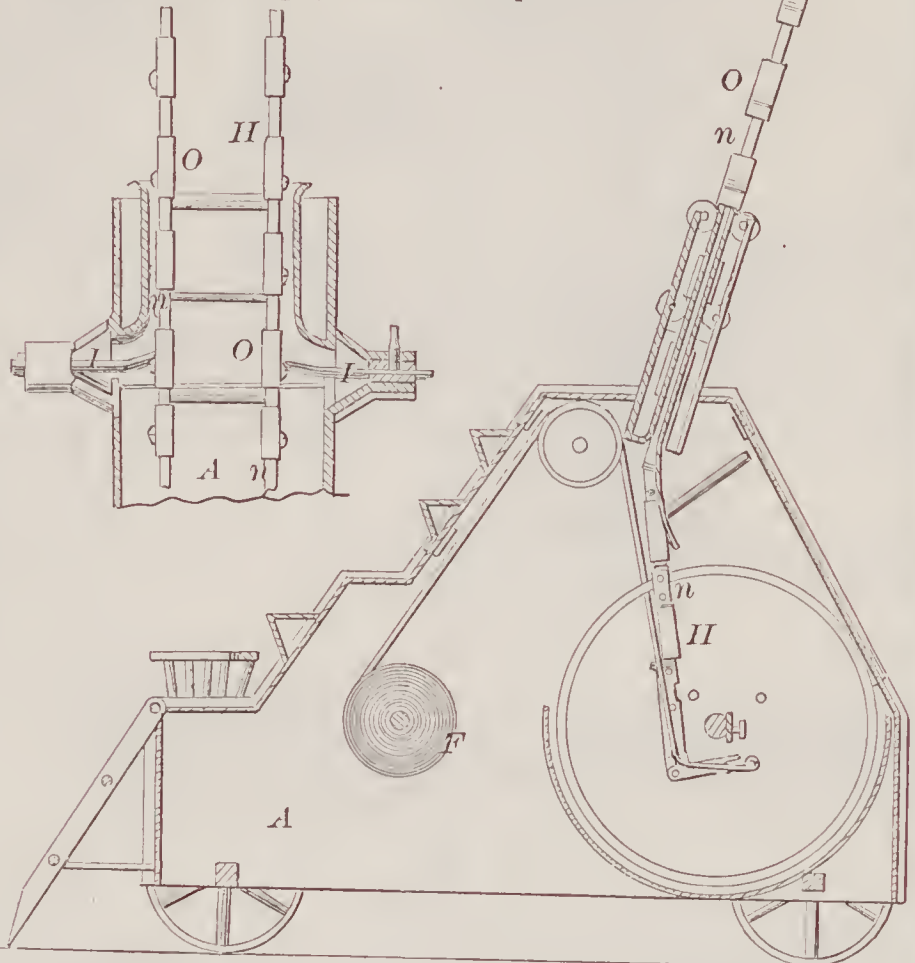
64565—E. R. Powell—*Attaching Thills to Vehicles.*



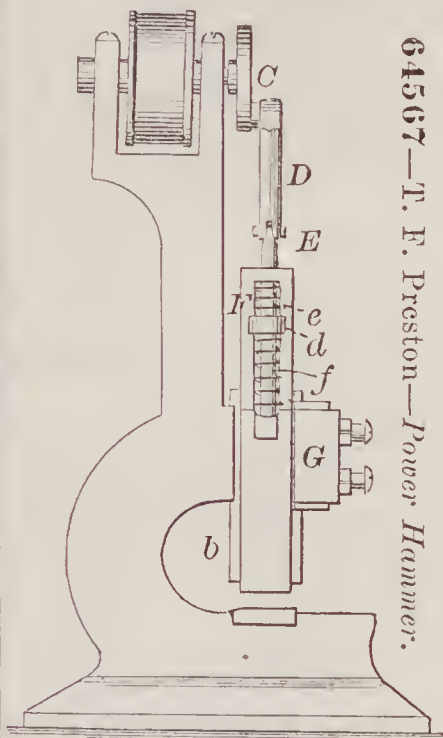
64566—S. Pratt—*Roofing.*



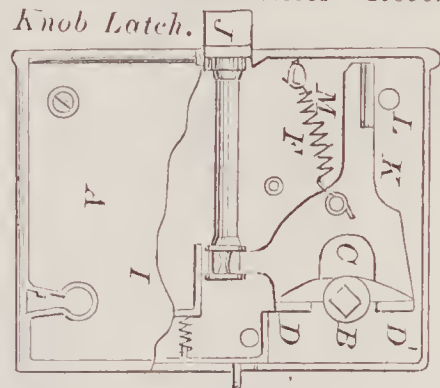
64569—A. Rigny—*Fire Escape.*



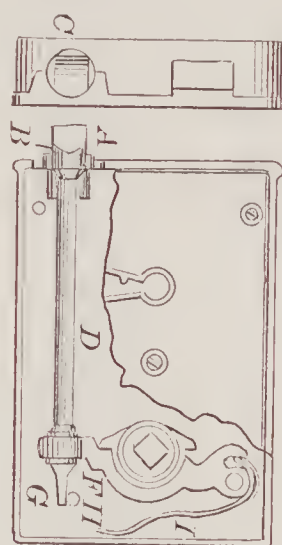
64567—T. F. Preston—*Power Hammer.*



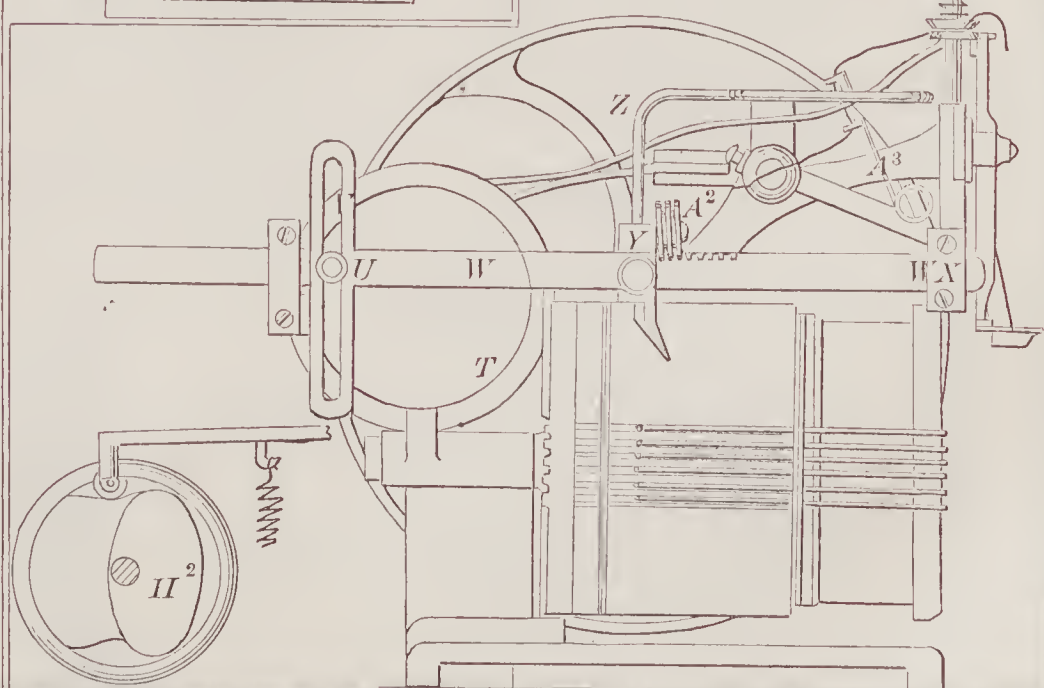
64570—H. M. Ritter—*Reversible Knob Latch.*



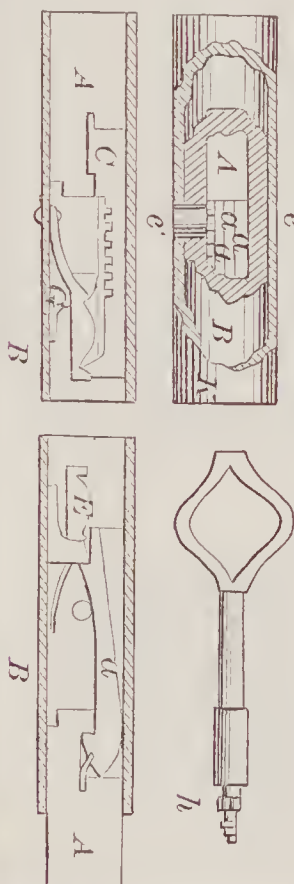
64571—H. M. Ritter—*Reversible Knob Latch.*

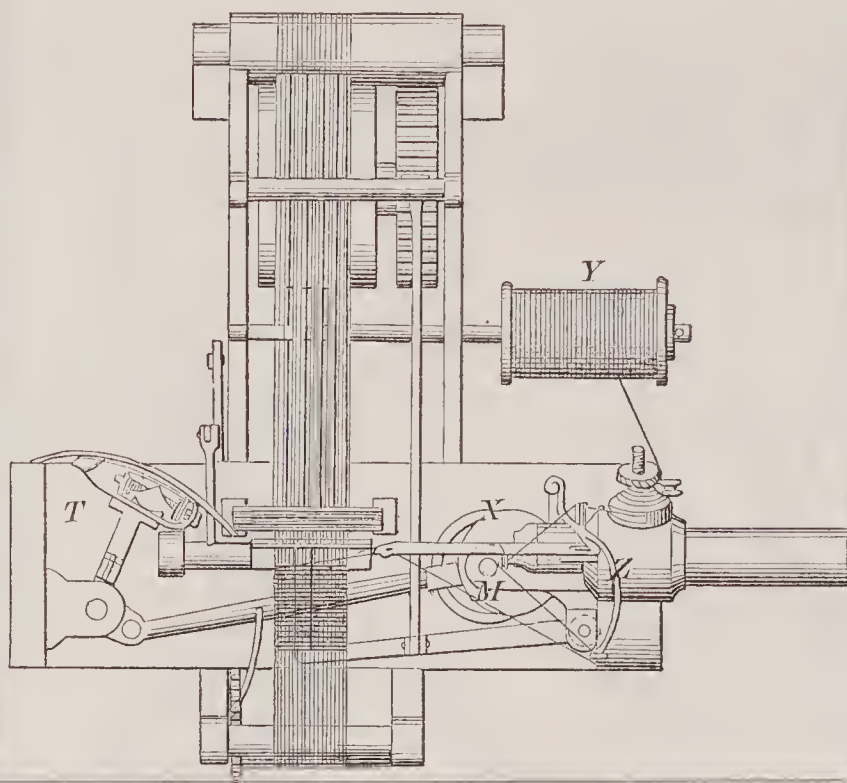
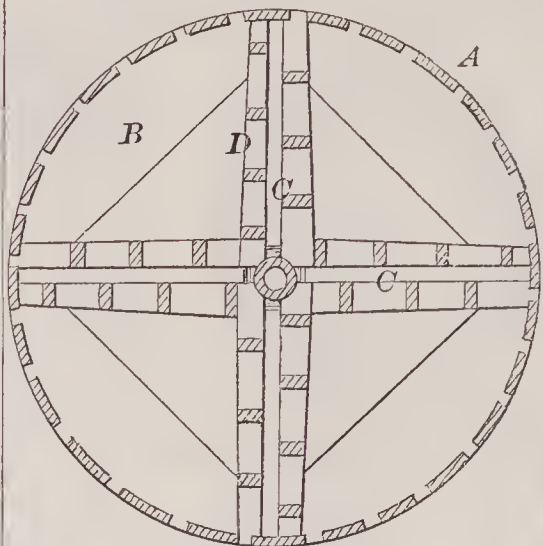
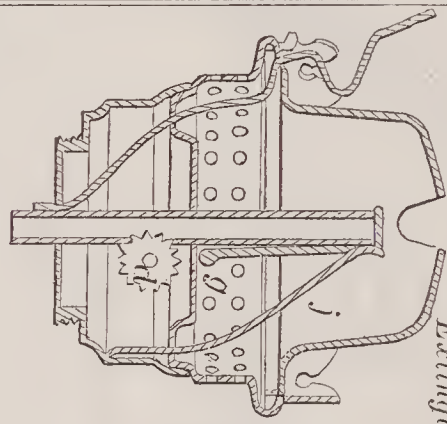
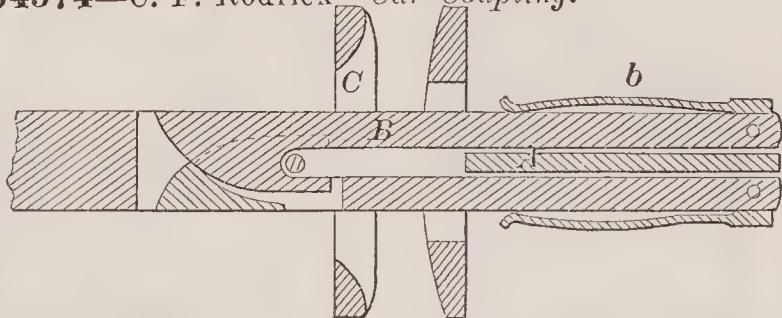
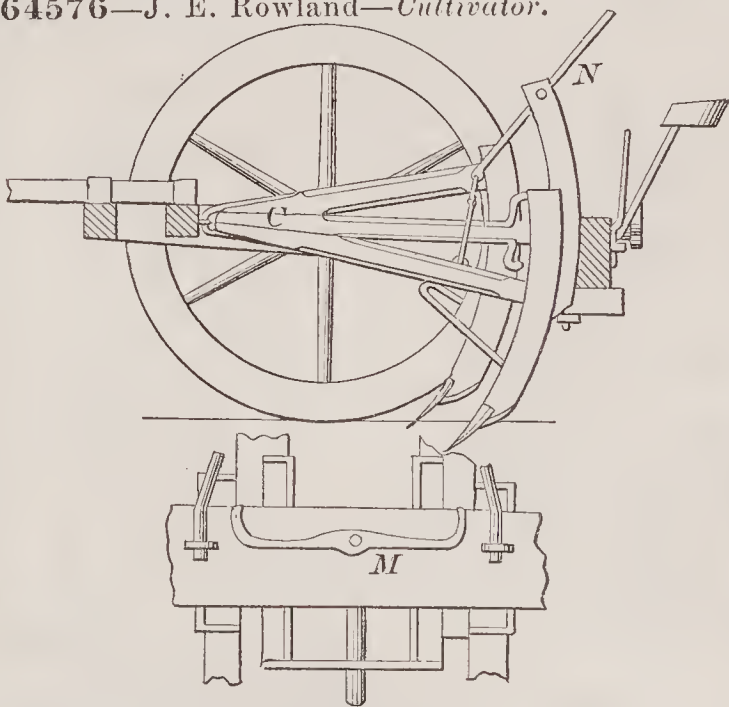
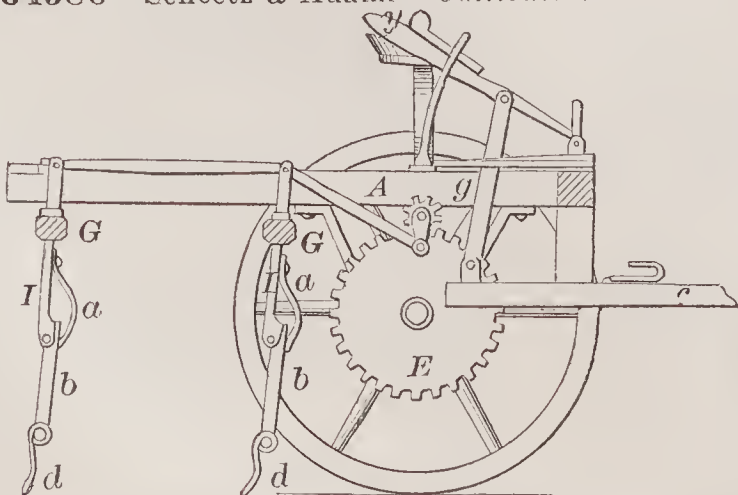
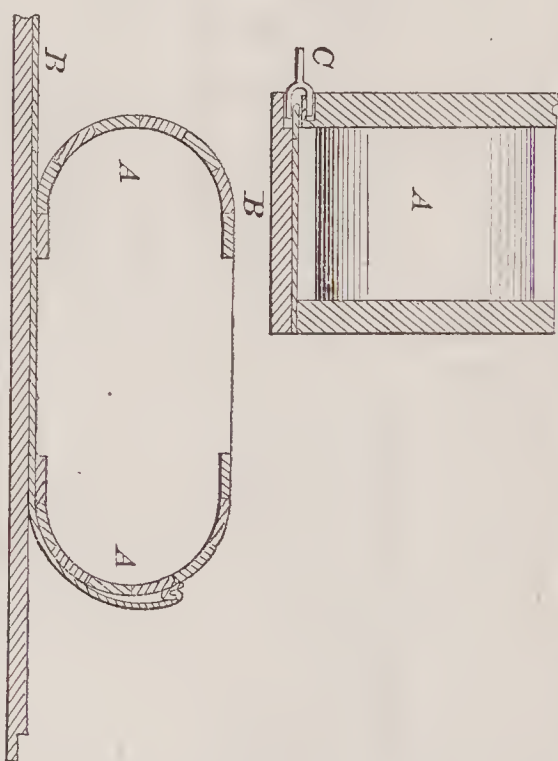
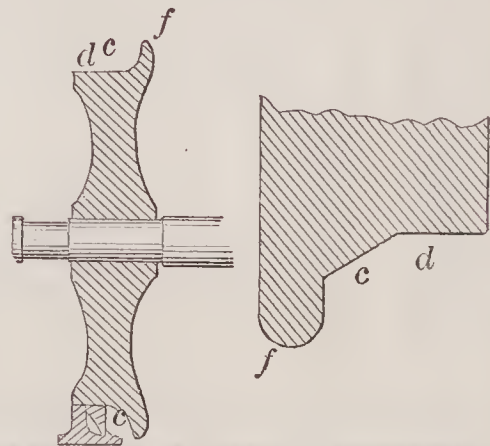


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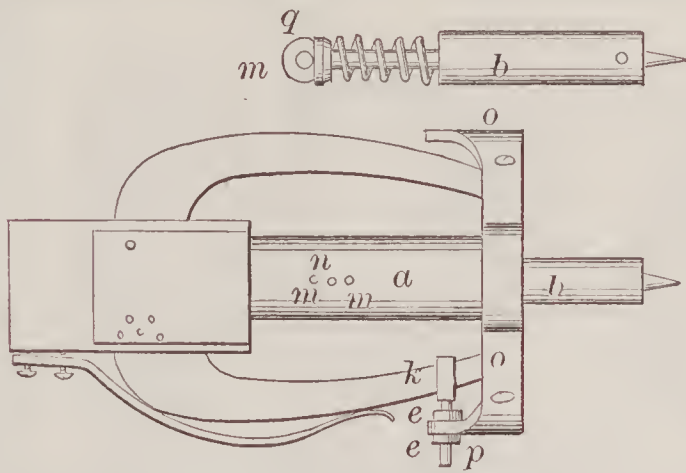


64568—H. D. Richardson—*Locks.*

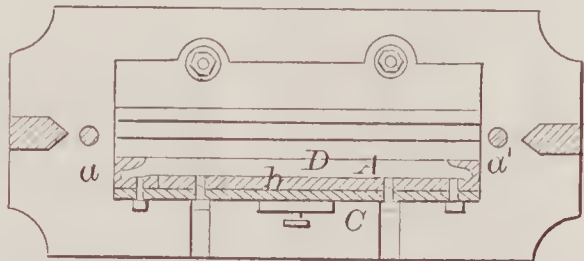


64573—T. Robjohn—*Loom.*64575—A. Ross—*For Washing Hides.*64574—C. F. Rodrick—*Car Coupling.*64578—M. Safford—*Lamp Extinguisher.*64576—J. E. Rowland—*Cultivator.*64580—Scheetz & Adams—*Cultivator.*64577—E. S. Sackett—*For Forming Boilers.*64579—E. Sampson—*Car Wheel.*

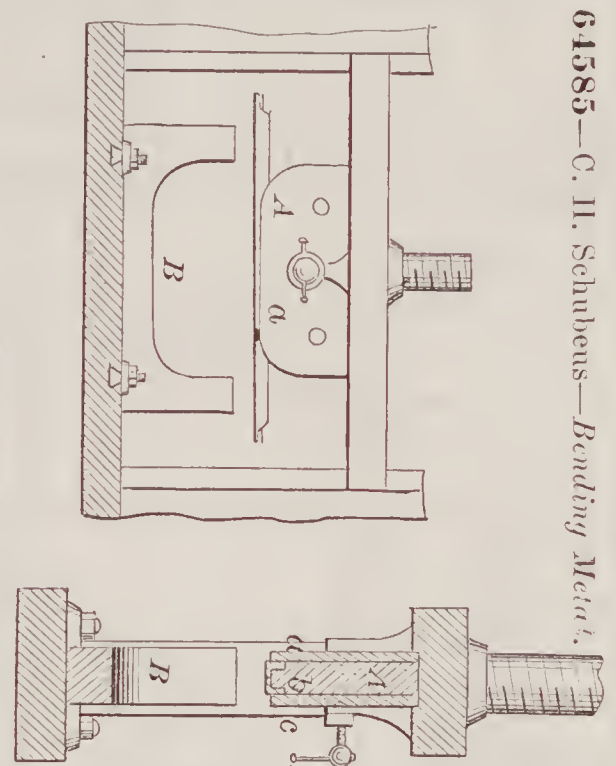
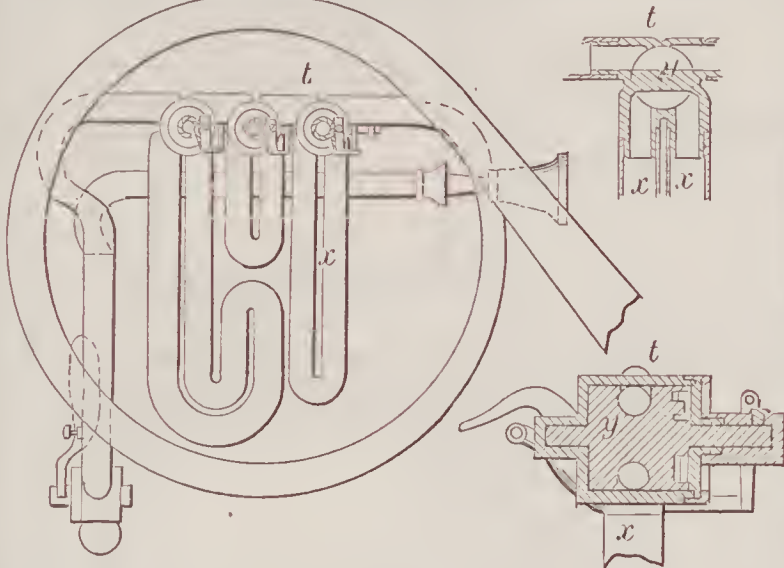
64581—J. G. Schmidt—For Cutting Bungs.



64583—C. H. Schubens—For Cutting Sheet Metal.

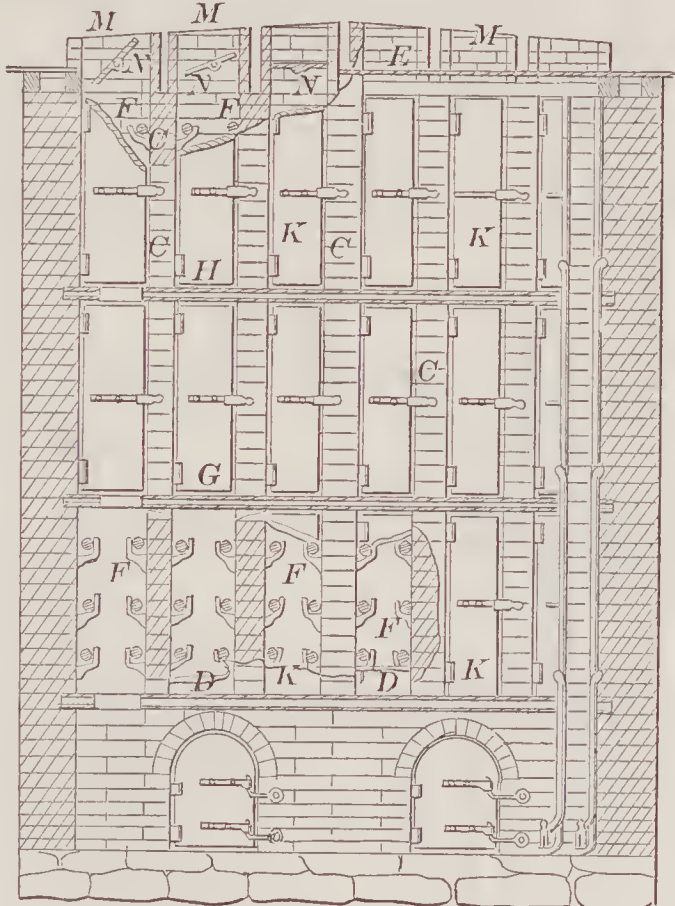


64582—L. Schreiber—Cornet, &c.

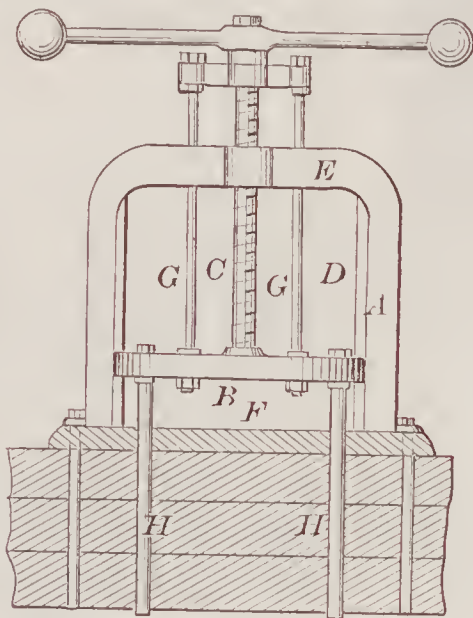


64585—C. H. Schubens—Bending Metal.

64586—J. Schultz—Dry House.



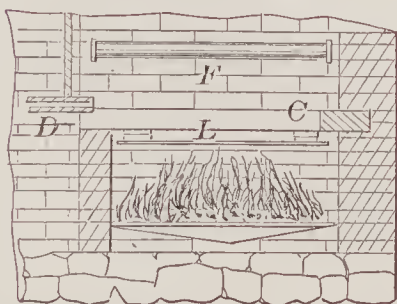
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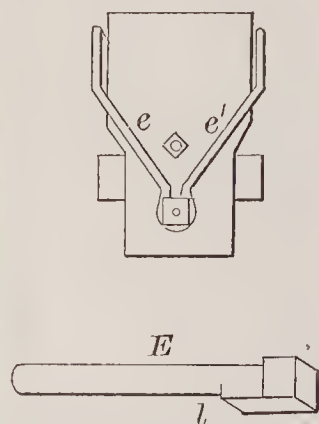
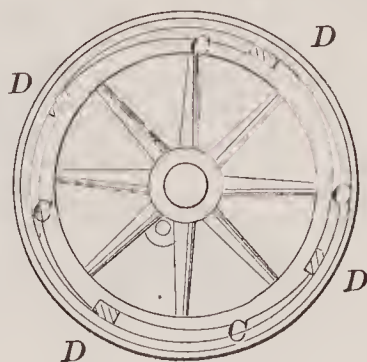
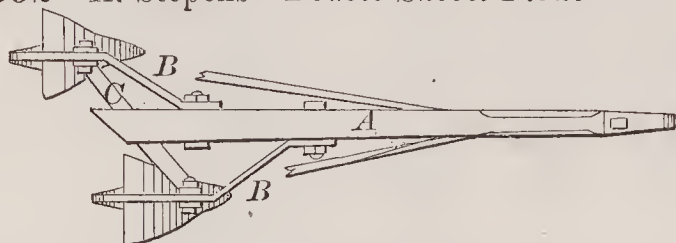
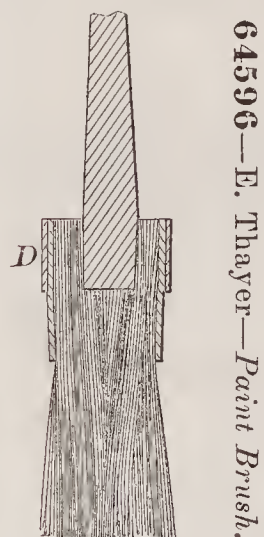
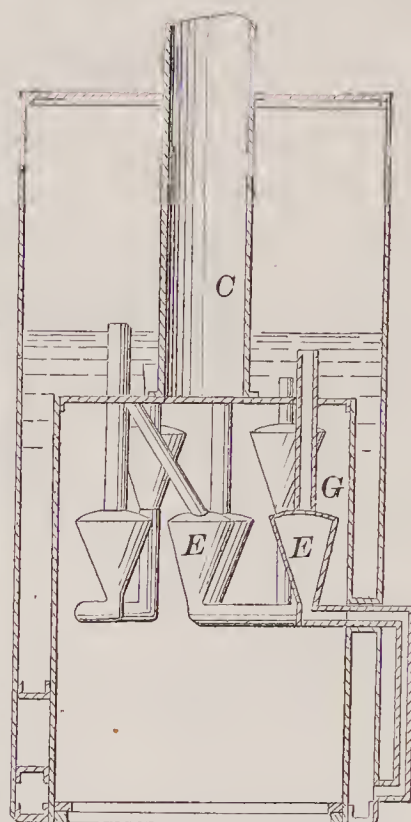
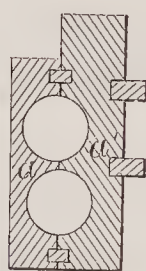
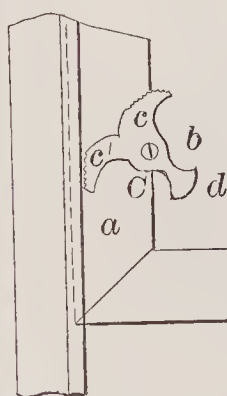
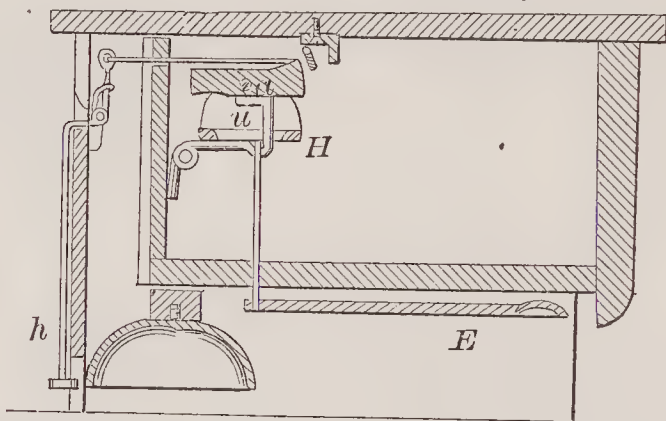
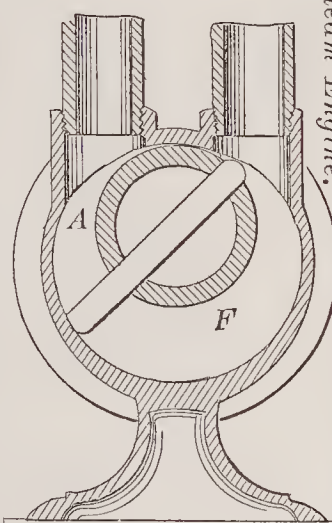
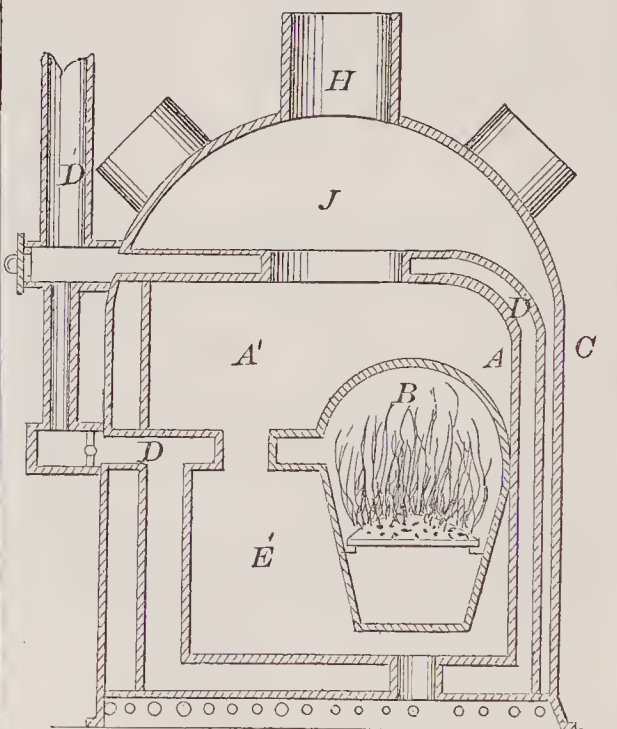
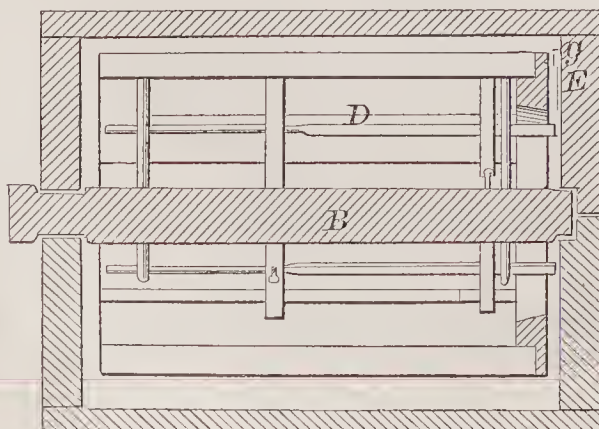
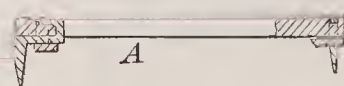


64587—Sheffield & Coburn—Preparing Leather.

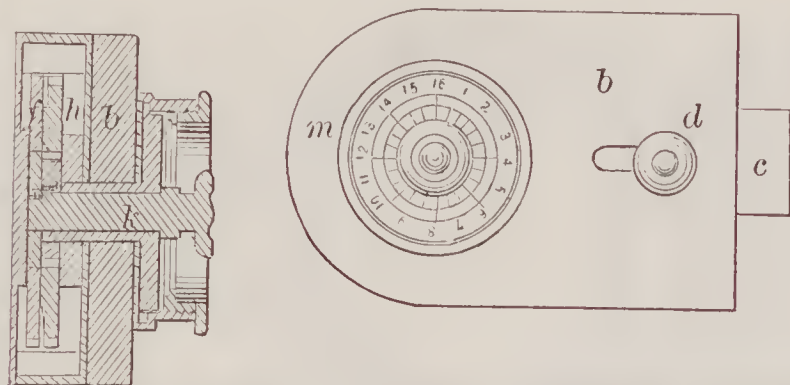


64588—F. R. Smith—Blind Slat Fastening.

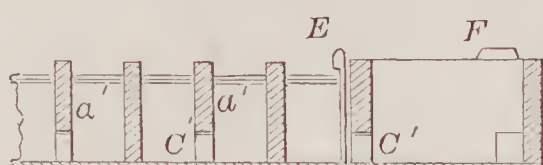
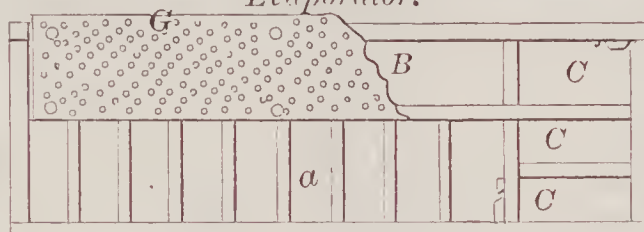


64590—L. Squire—*Thill Coupling.*64595—G. Tefft—*Locomotive Wheel.*64592—H. Stephens—*Double Shovel Plow.*64593—Symmes & Hayes—*Steam Generator.*64596—E. Thayer—*Paint Brush.*64597—J. H. Thomas—*Window Frame.*64598—C. Tucker—*Alarm Lock for Tills.*64601—P. Verbeek—*Window Fastening.*64600—J. B. Van Dusen—*Rotary Steam Engine.*64599—J. S. Van Buren—*Heating Stove.*64603—J. W. Walters—*Flour Bolt.*64604—C. Weitman—*Horse Shoe.*

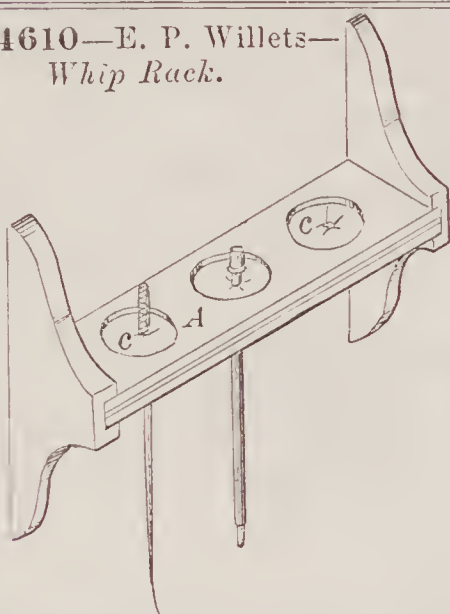
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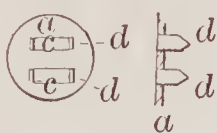
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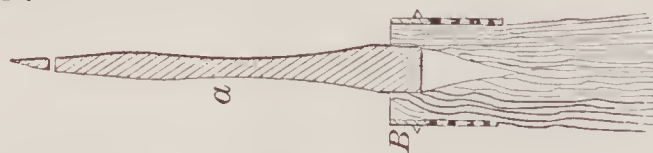
64610—E. P. Willets—*Whip Rack.*



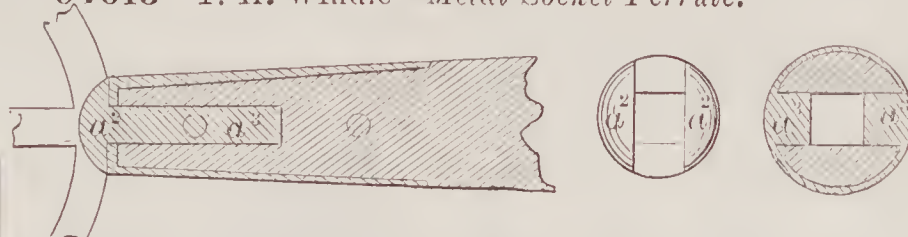
64608—J. W. Wilcox—*Fastening Envelopes, &c.*



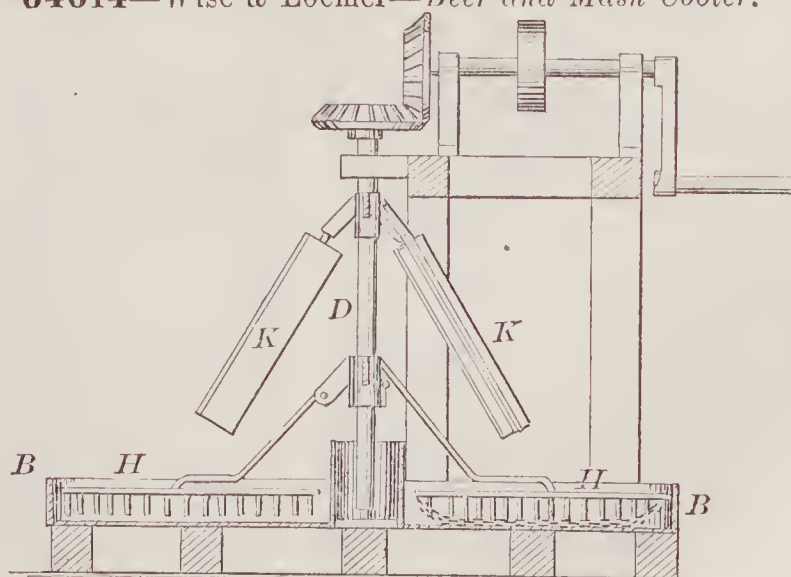
64607—J. S. White—*Paint Brush.*



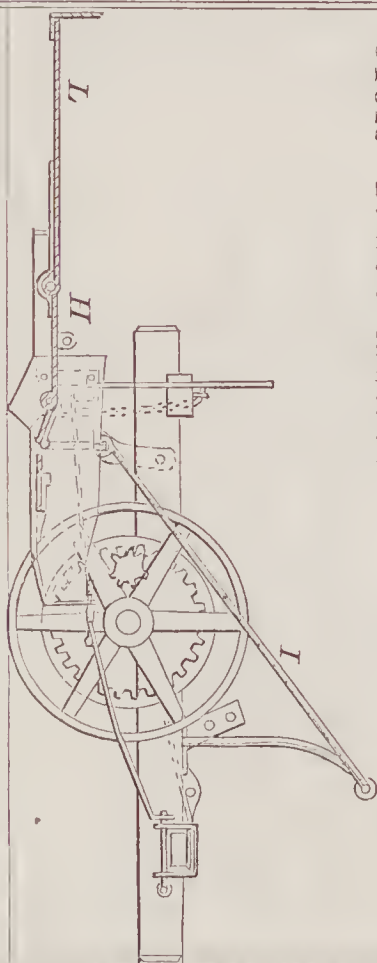
64613—T. H. Windle—*Metal Socket Ferrule.*



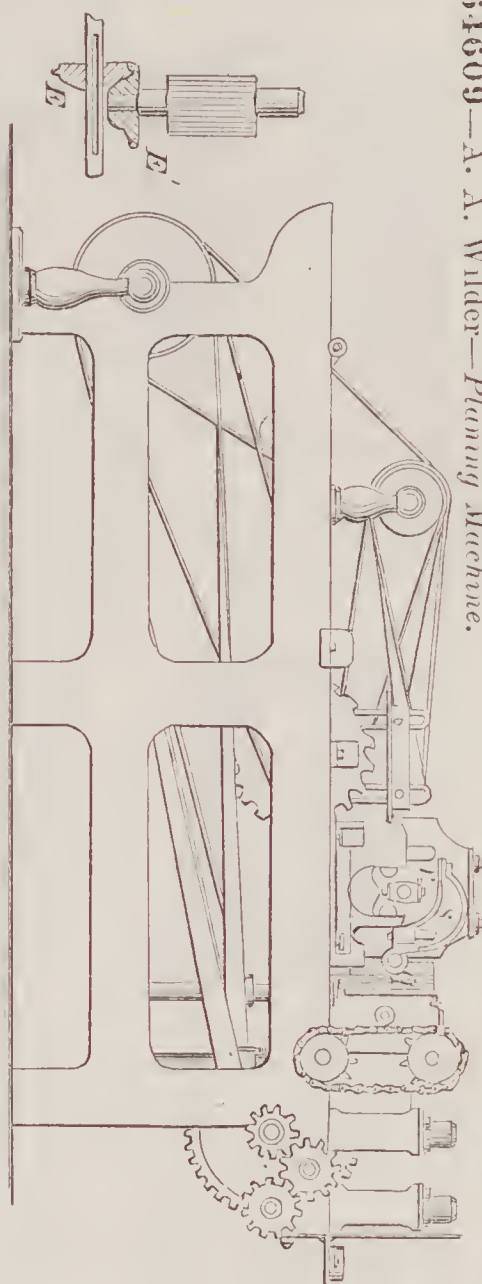
64614—Wise & Loeffler—*Beer and Mash Cooler.*



64615—D. Wolf—*Harvester.*



64609—A. A. Wilder—*Planting Machine.*



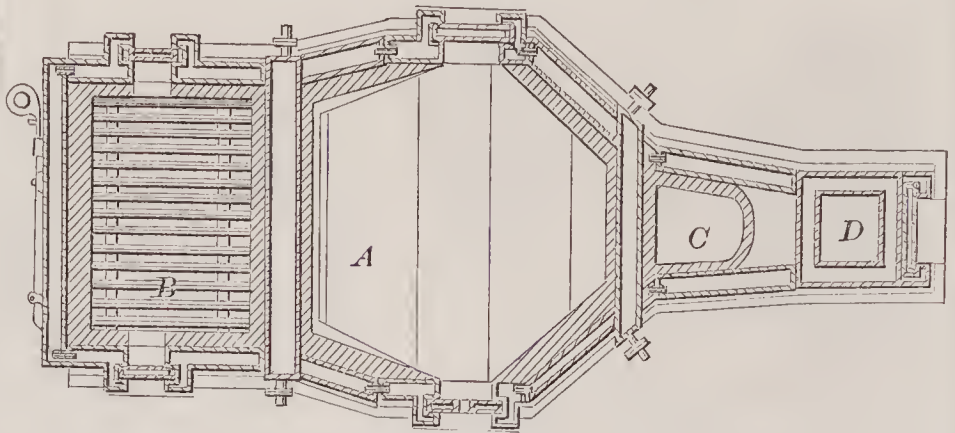
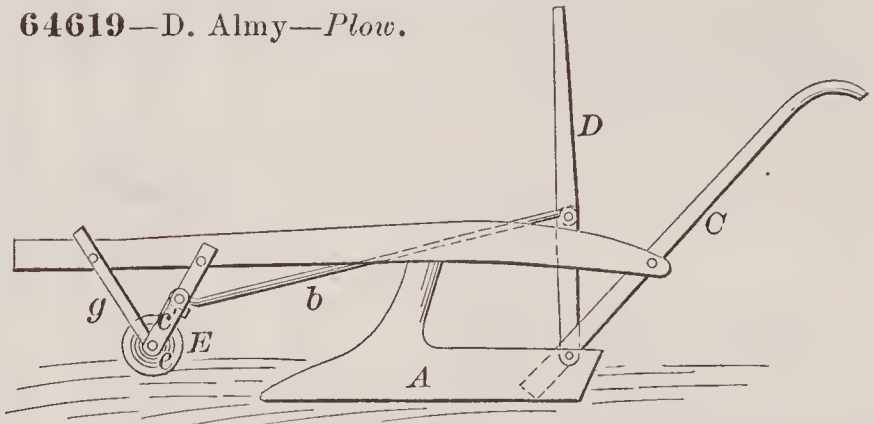
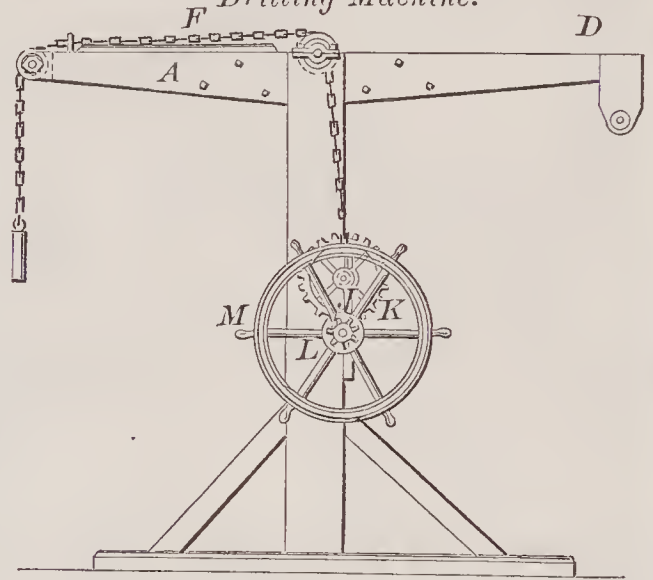
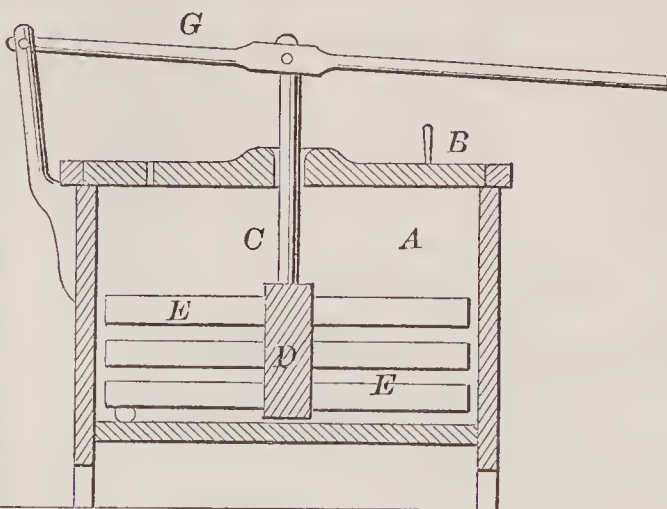
64617—Ridgway & Lewis—*Heating and Puddling Furnace.*64619—D. Almy—*Plow.*64620—C. W. Atkeson—*Well Boring and Drilling Machine.*64618—W. Alexander—*Churn.*64621—E. P. Banks—*Cattle Tie.*

Fig. 1

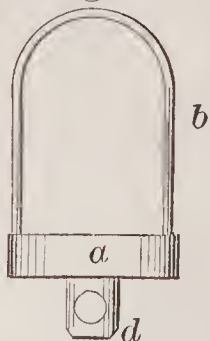
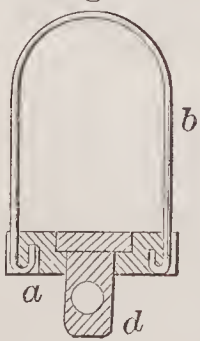
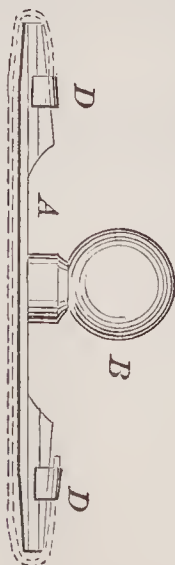
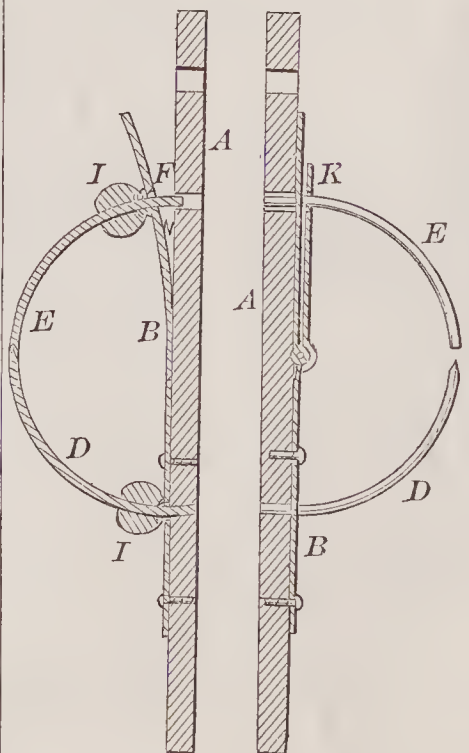
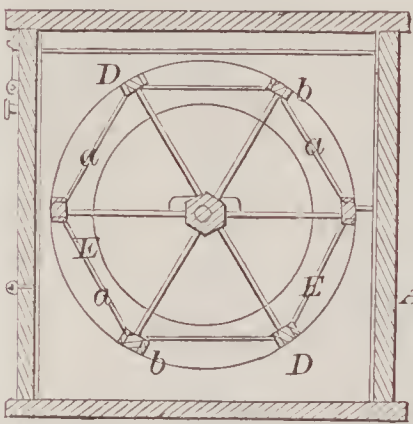


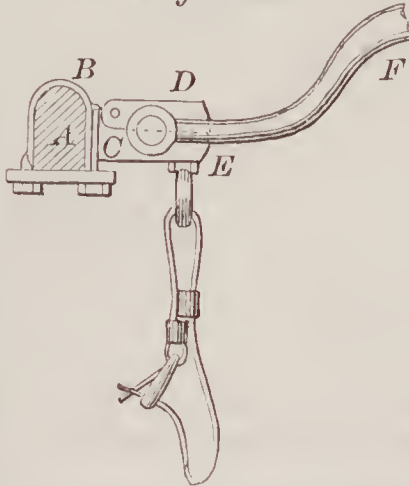
Fig. 3

64622—C. Breckheimer—*Vessel for Malting and Brewing.*64623—R. Boeklen—*Blotting Pad.*64624—R. Boeklen—*Paper File.*

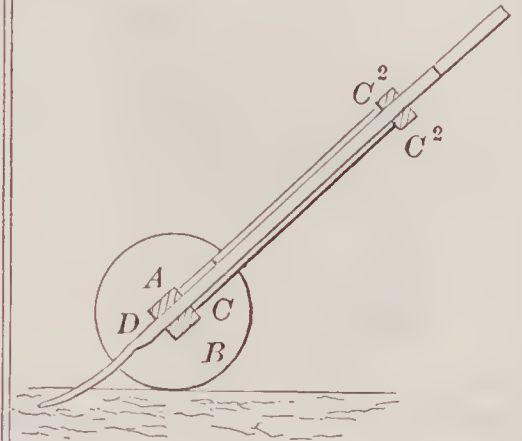
64625—B. Boorman—*Flour Bolt.*



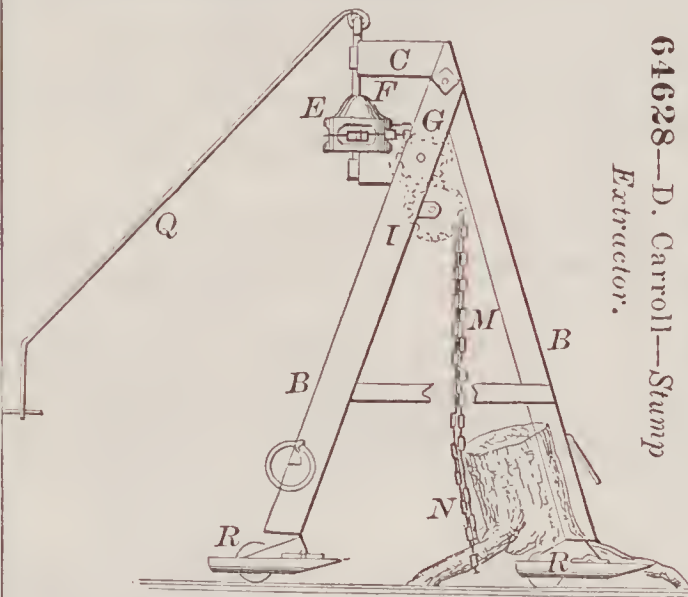
64626—J. Brennan—*Carriage Shackle.*



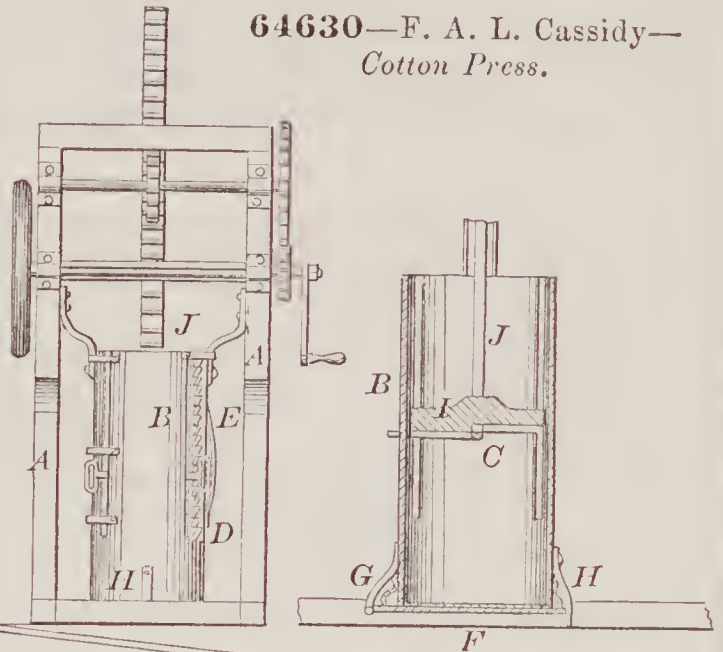
64627—T. & G. B. Burditt—*Potato Digger.*



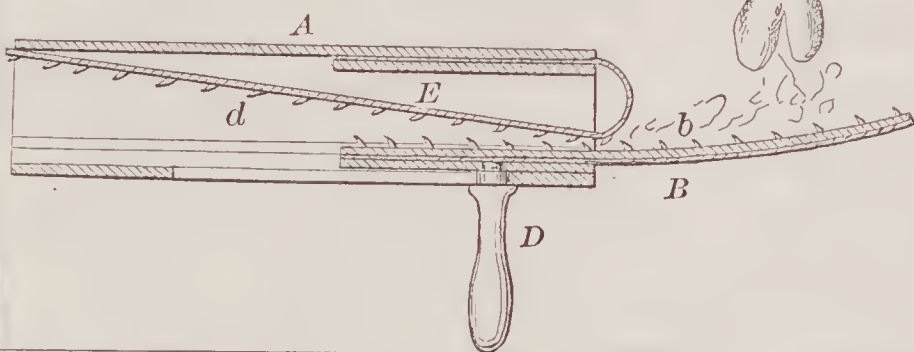
64628—D. Carroll—*Stump Extractor.*



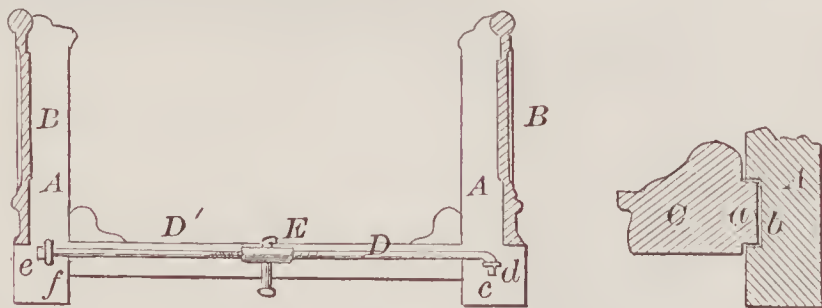
64630—F. A. L. Cassidy—*Cotton Press.*



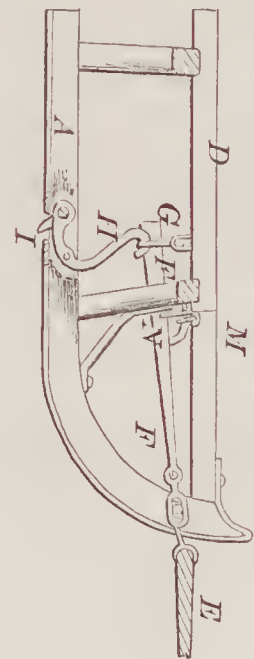
64629—J. E. Carver—*Cotton Picker.*



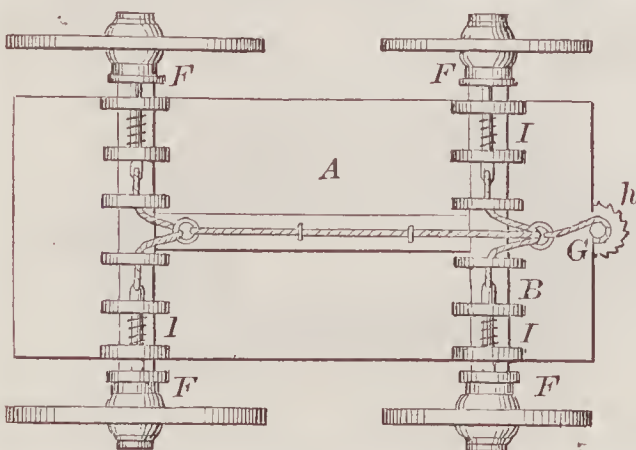
64632—G. G. Cochran—*Bedstead.*



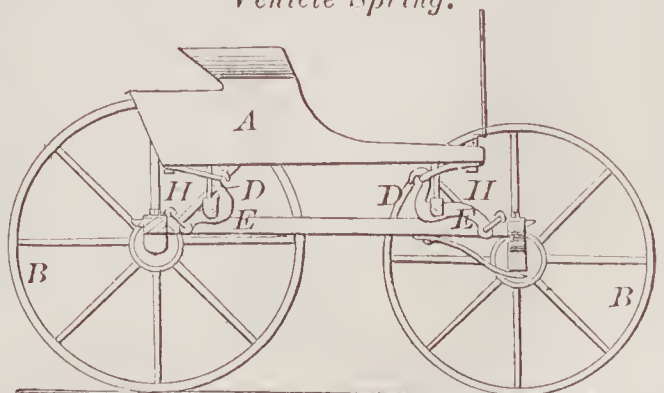
64633—F. Cohlmeier—*Sleigh Brake.*

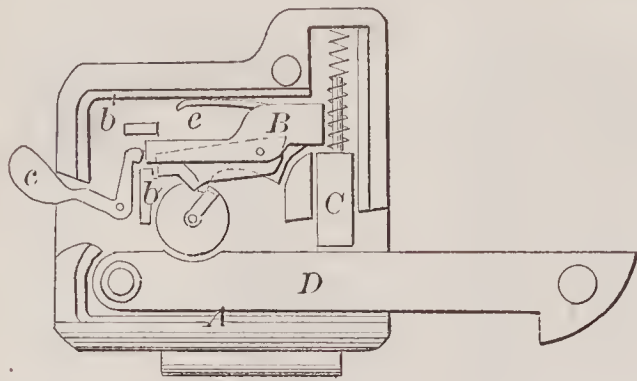
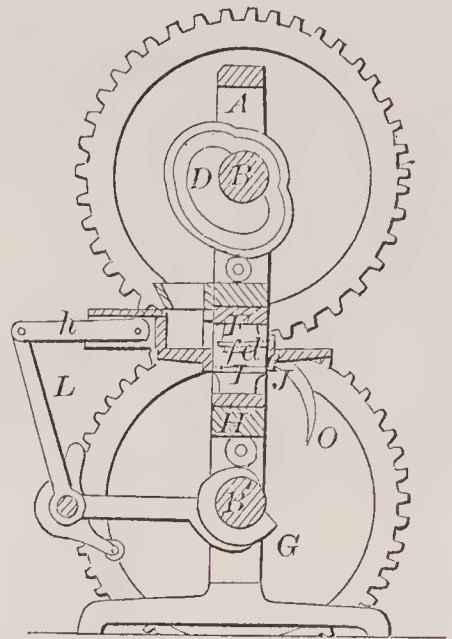
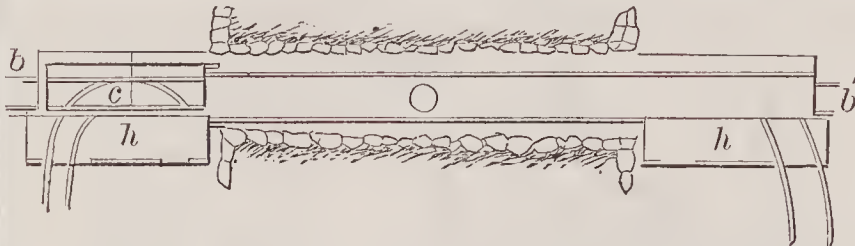
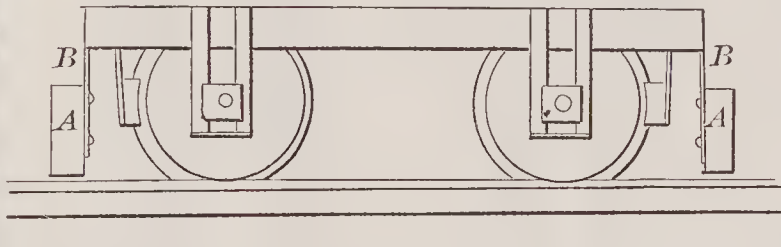
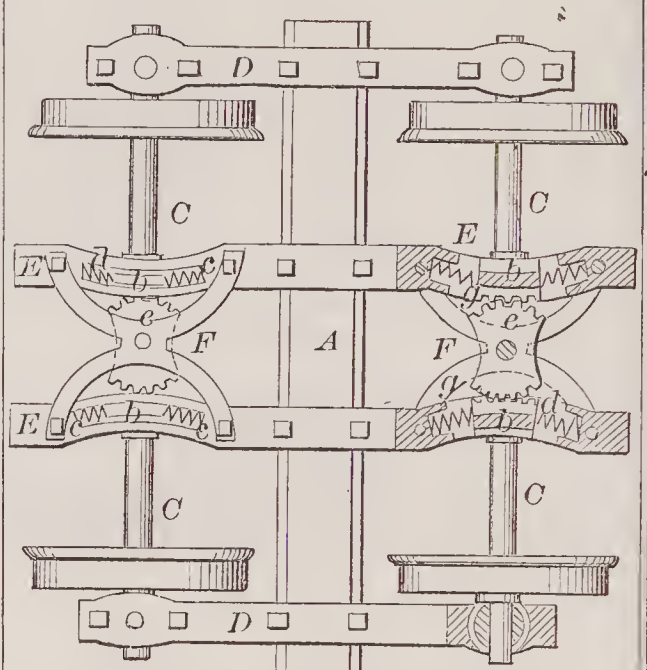
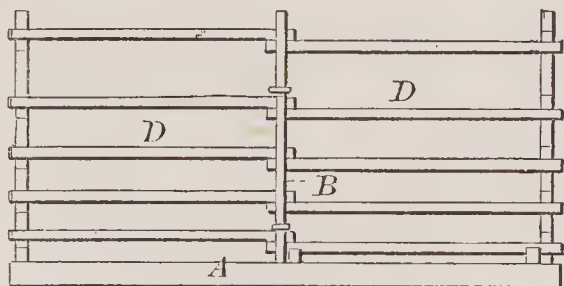
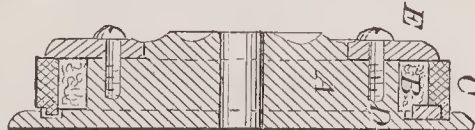
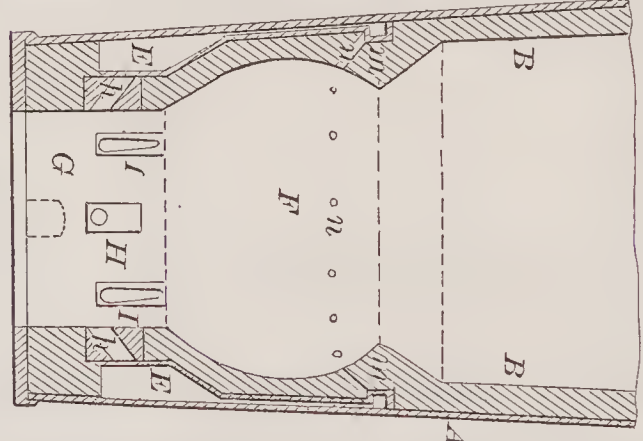
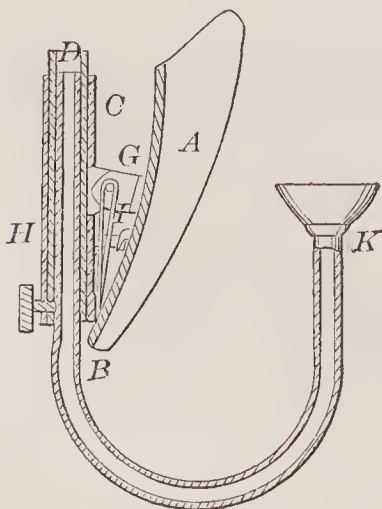
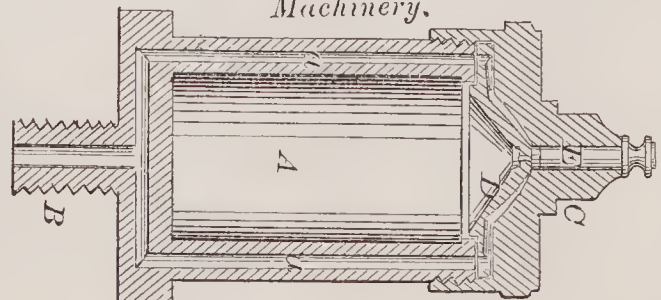


64631—T. G. Clifford—*Wagon Wheel Lock.*

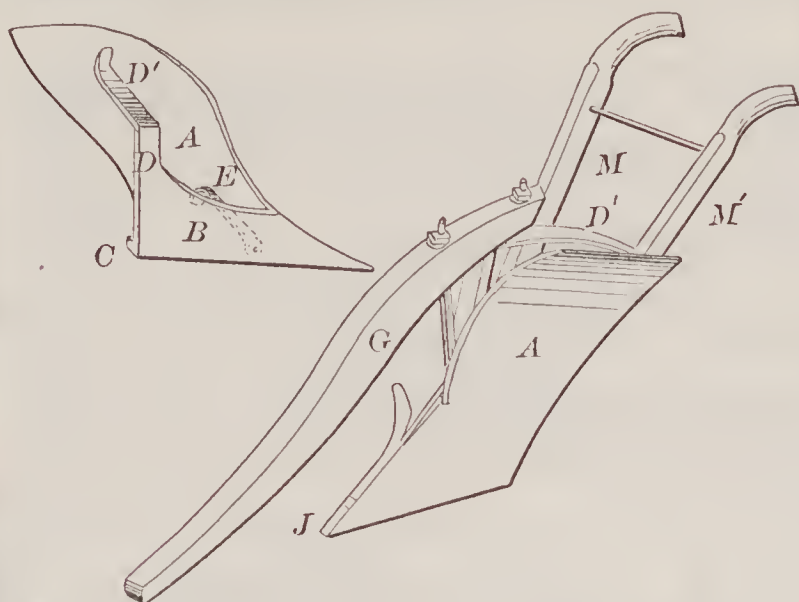


64634—Columbia, Stocking & Woodruff—*Vehicle Spring.*

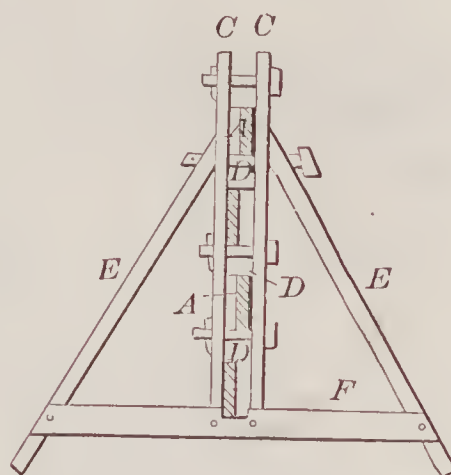


64635—G. B. F. Cooper—*Lock for Car Doors.***64637**—H. Crofoot—*Pressing Brick.***64636**—J. H. Crane—*Transporting Cars through Tunnels.***64639**—F. M. Dunoy—*Guard for Railway Cars.***64640**—J. Q. A. De Huff—*Car Truck.***64641**—F. Dickinson—*Field Fence.***64642**—J. V. Dinsmore—*Car Wheel.***64645**—J. Dougherty—*Cupola Furnace.***64644**—D. Dodge—*Uterine Supporter.***64646**—Douglas & Ingler—*Oil Cup for Machinery.*

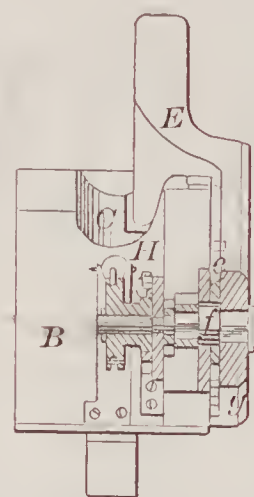
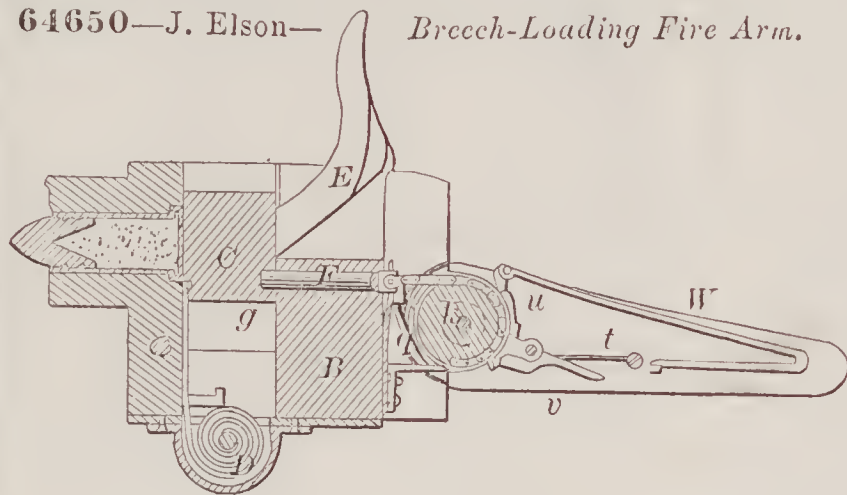
64647—J. C. Duncan—*Plow.*



64648—J. C. Duncan—*Portable Fence.*



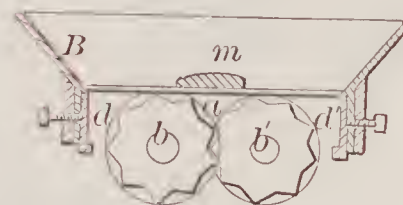
64650—J. Elson—*Breech-Loading Fire Arm.*



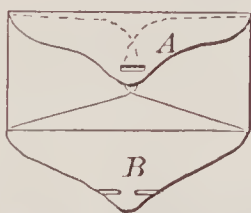
64652—G. J. Ferriss—*Combination Tool.*



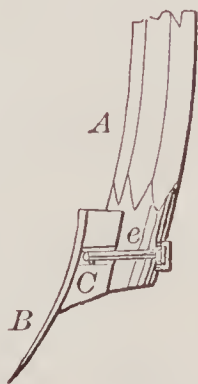
64651—L. P. Evans—*Cherry Seeder.*



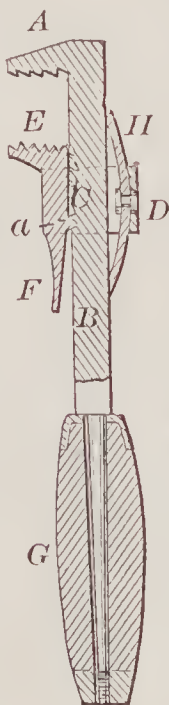
64653—E. Fitzki—*Envelope.*



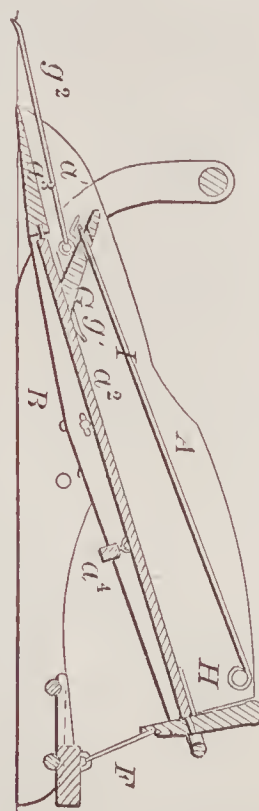
64657—A. Friberg—*Cultivator.*



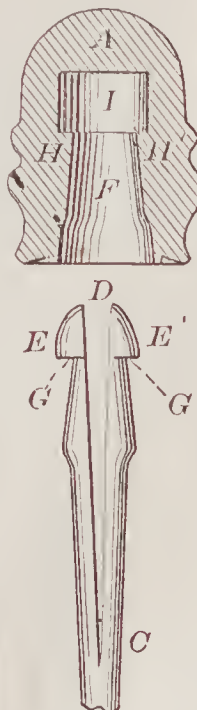
64656—M. H. Freeman—*Pipe Wrench.*



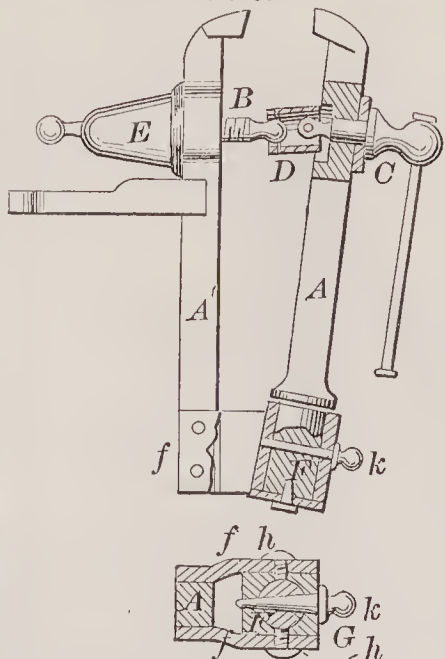
64655—P. S. Foster—*Road Scraper.*



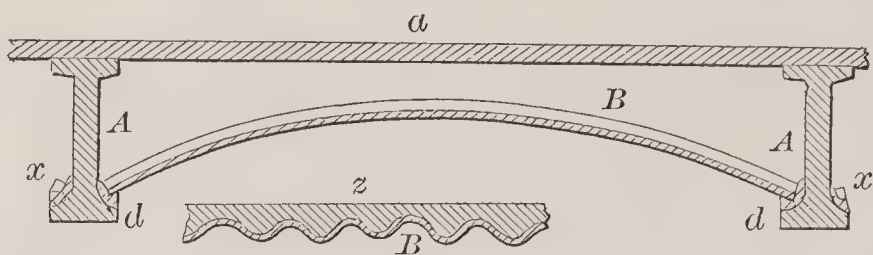
64654—G. Floyd—*Insulator.*



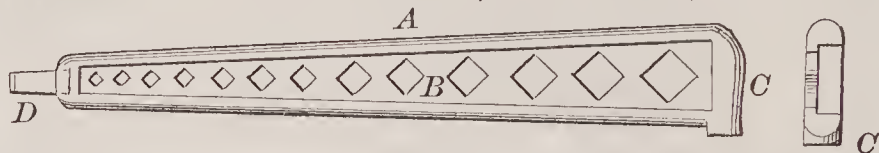
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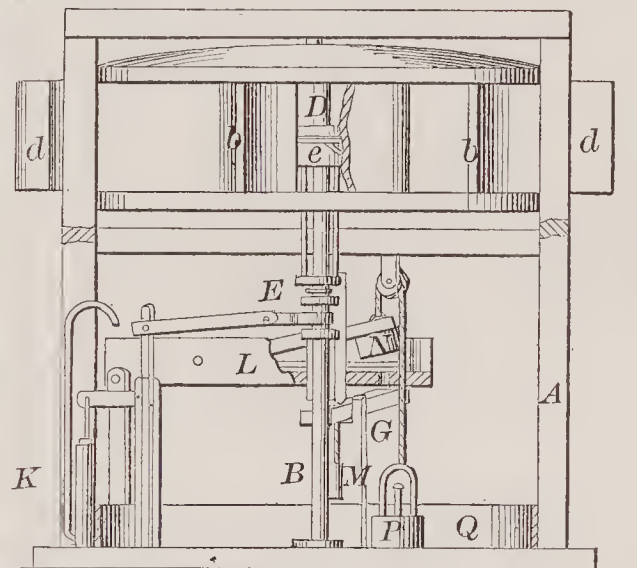
64659—J. Gilbert—*Fireproof Ceiling and Roof.*



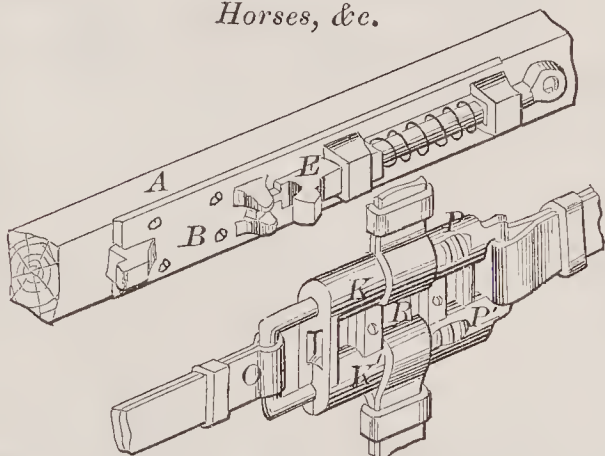
64662—W. D. Gold—*Hammer, Screw Driver, and Wrench.*



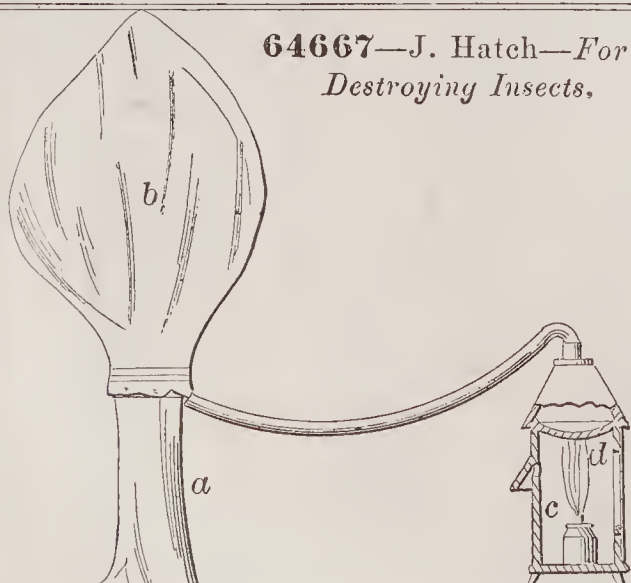
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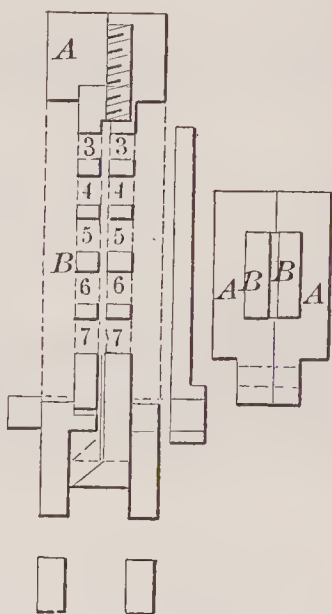
64666—J. K. Harris—*For Detaching Horses, &c.*



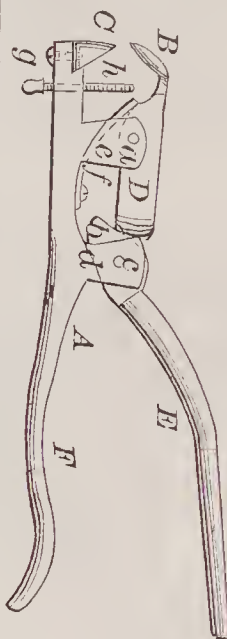
64667—J. Hatch—*For Destroying Insects.*



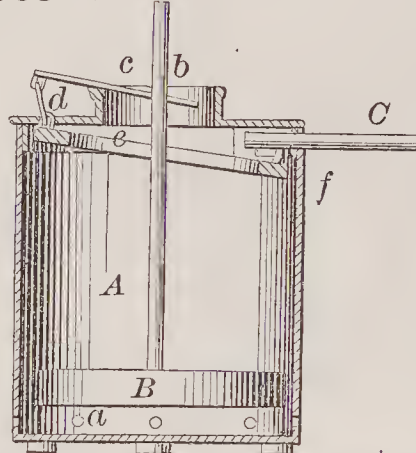
64660—J. E. Gillespie—*Rod Cutter.*



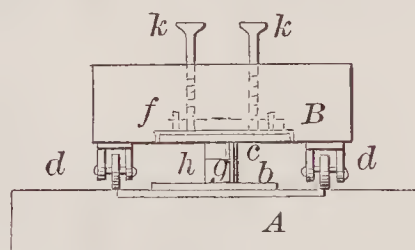
64664—T. G. Hall—*Nippers.*



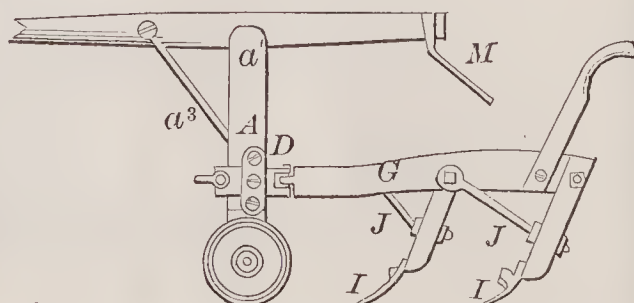
64663—J. H. Guild—*Float Valve.*



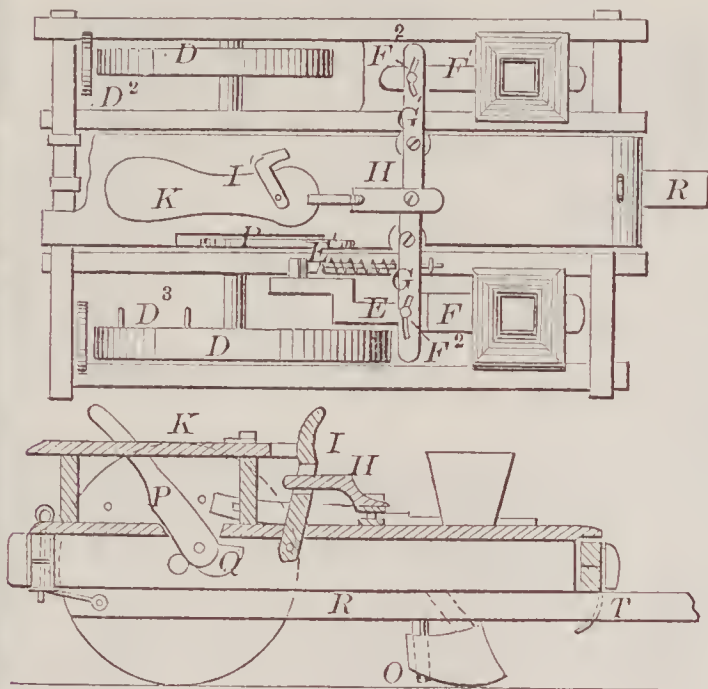
64665—F. Hanson—*Turn Table.*



64668—A. T. Heflin—*Cultivator.*



64670—Hill & Lohnes—Seed Planter.



64671—W. H. H. Hinds—Regulator and Extinguisher for Lamps.

Fig. 1

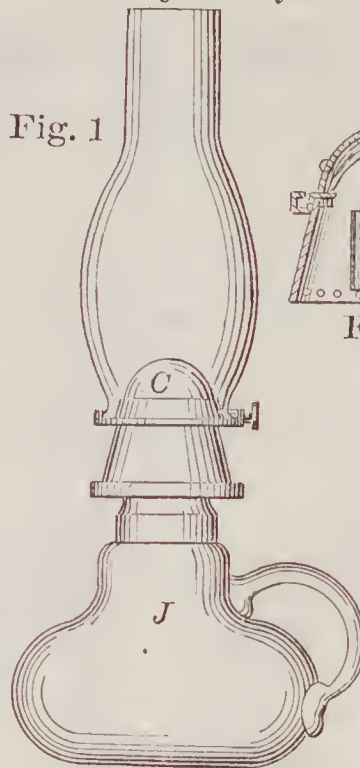
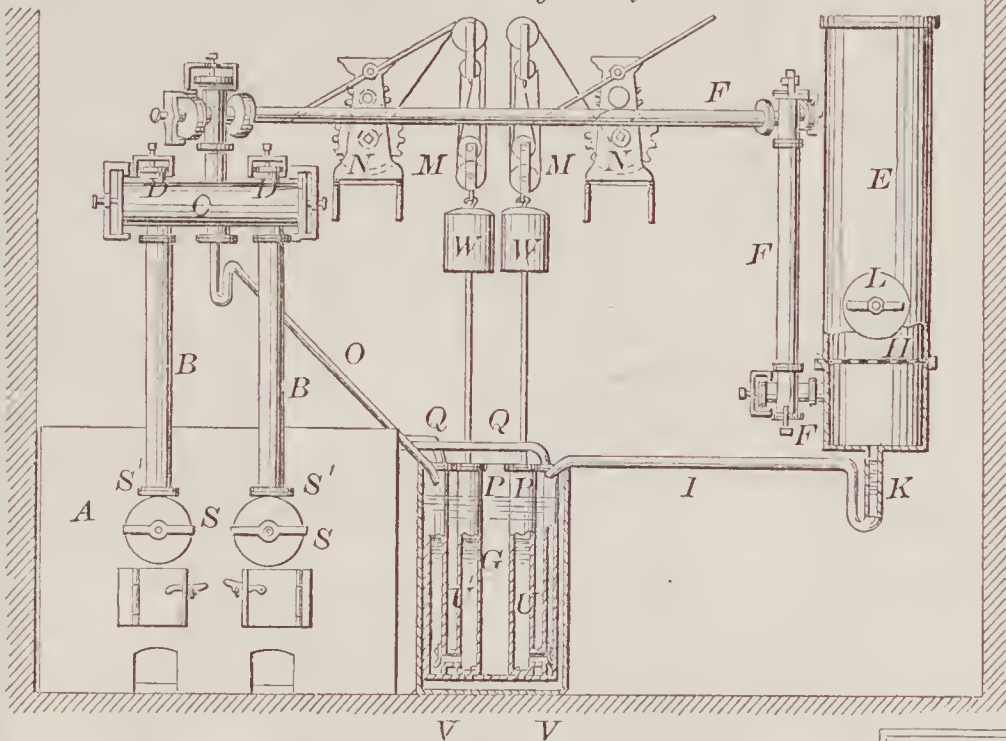
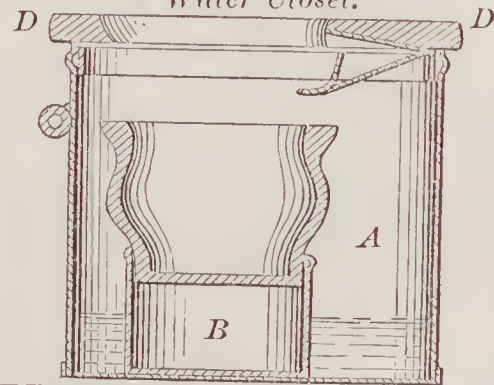


Fig. 2

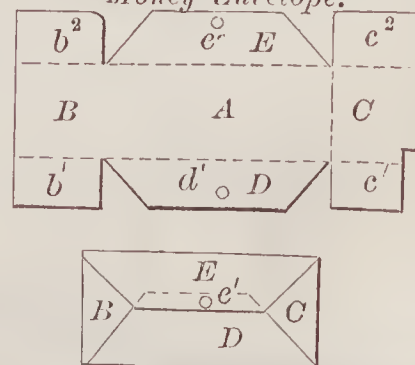
64672—H. Hirzel—For Producing Gas from Petroleum.



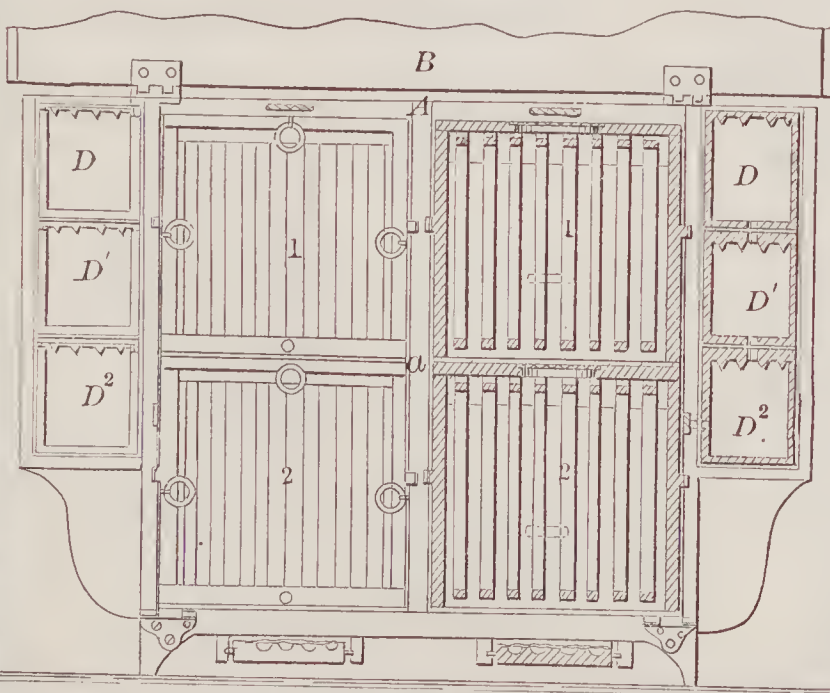
64673—J. G. Holmes—Portable Water Closet.



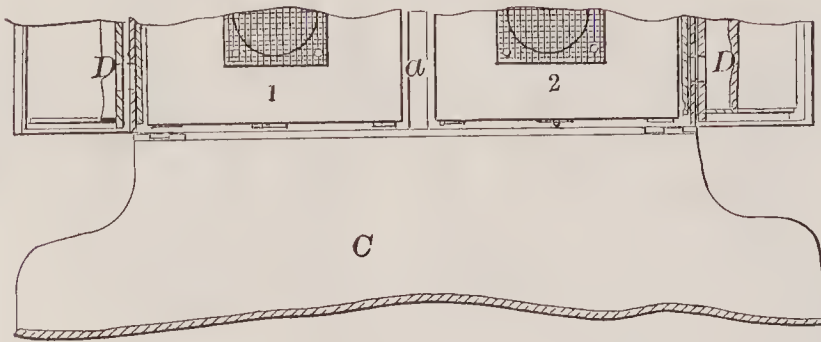
64674—E. Hulbert—Express Money Envelope.



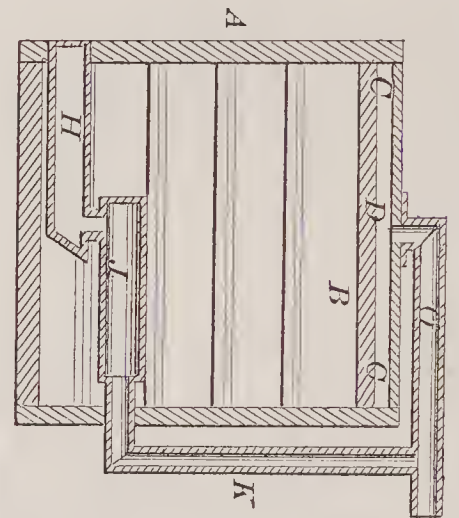
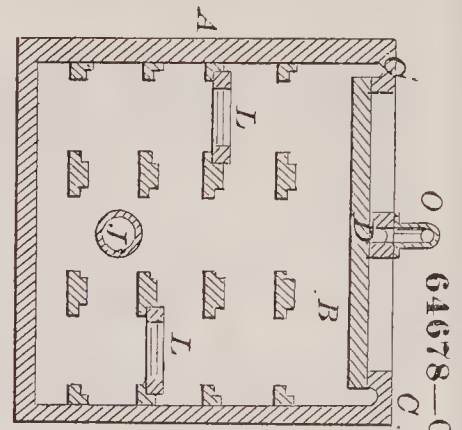
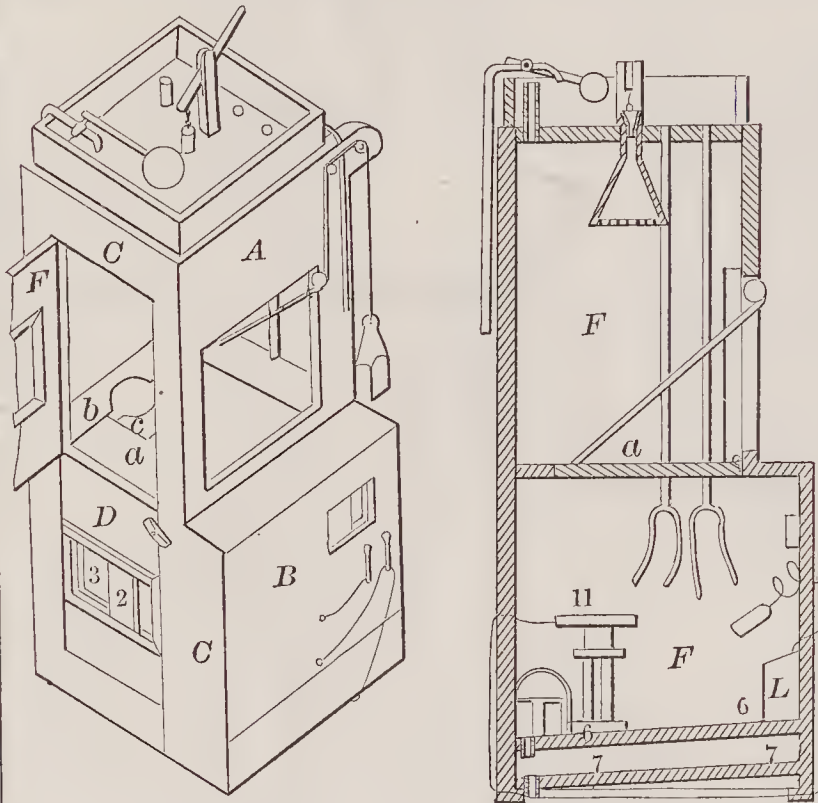
64675—L. Kramer—Beehive.



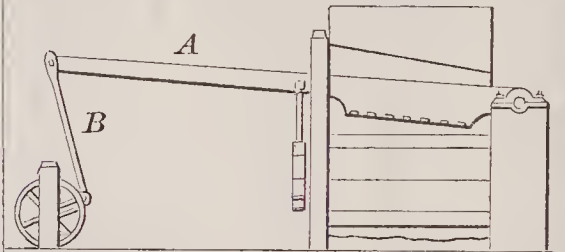
64675—Continued.



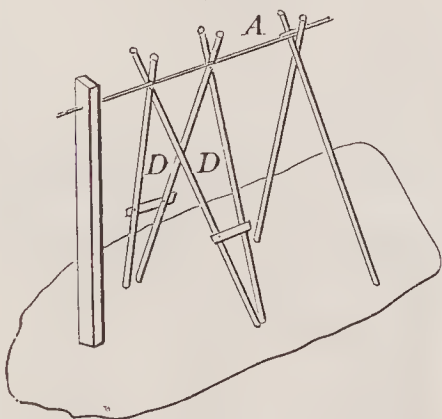
64677—S. M. Landis—Hot and Cold Air Bath.



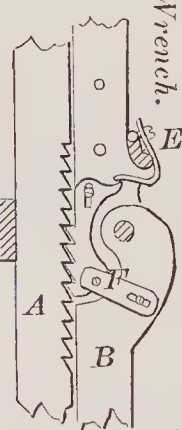
64681—C. Luxton—Peat Machine.



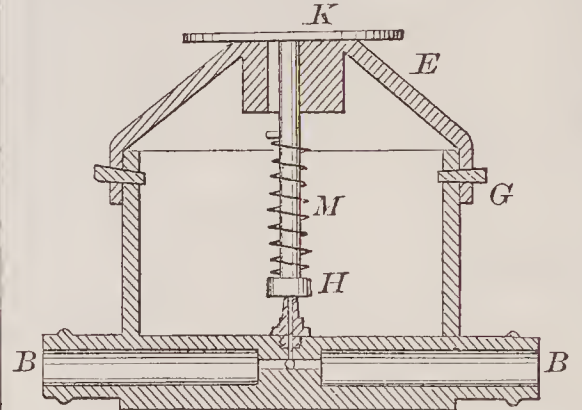
64679—J. C. & D. P. Leonard—Hop Frame.



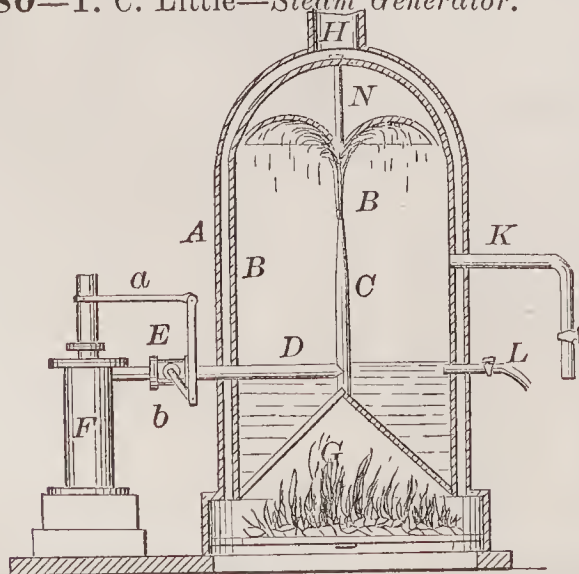
64676—W. H. Landbeck—Wrench.



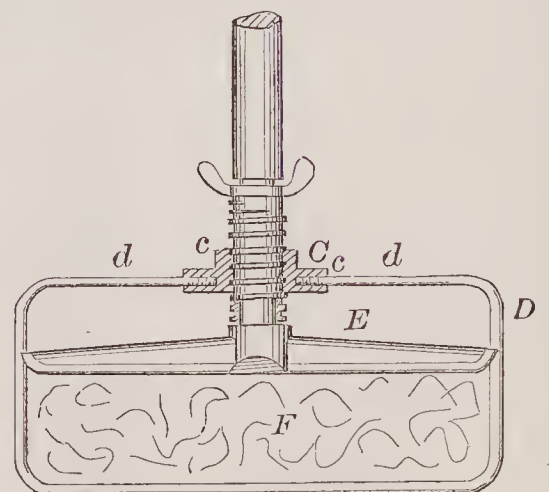
64682—Marable & Utley—Alarm Gun.



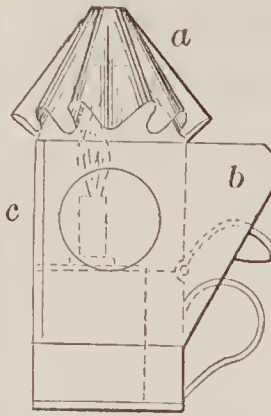
64680—T. C. Little—Steam Generator.



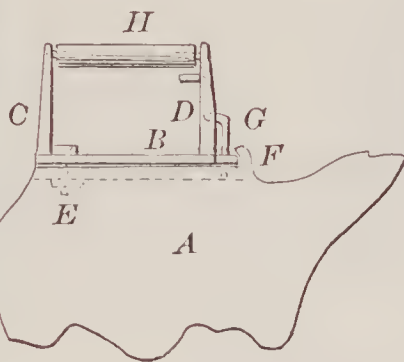
64683—Mason & Messinger—Mop Head.



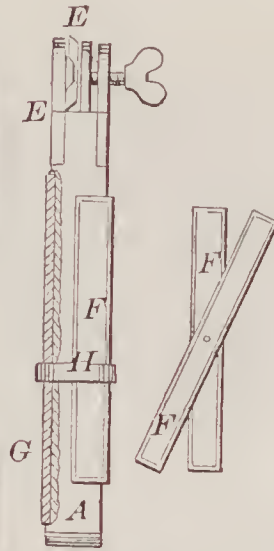
64684—McGill & Tynan—Street
Lamp Lighter.



64685—A. N. Merrill—
Kettle.



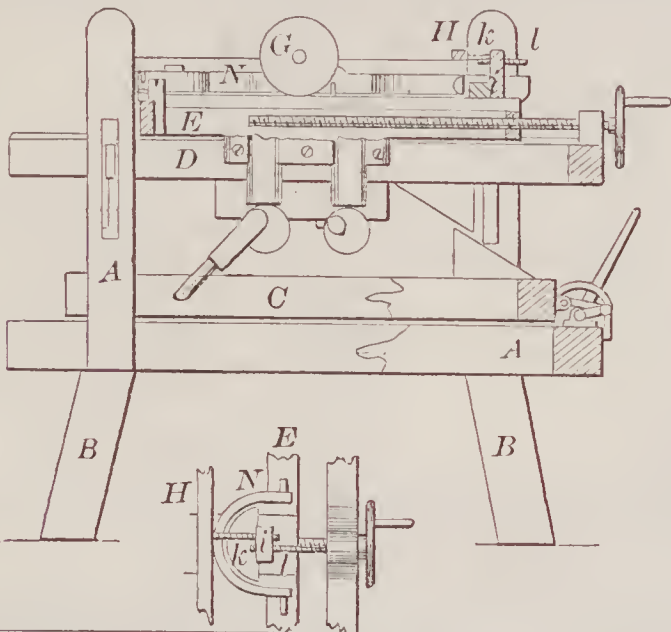
64687—J. Meyer, Jr.—Knife Sharpener.



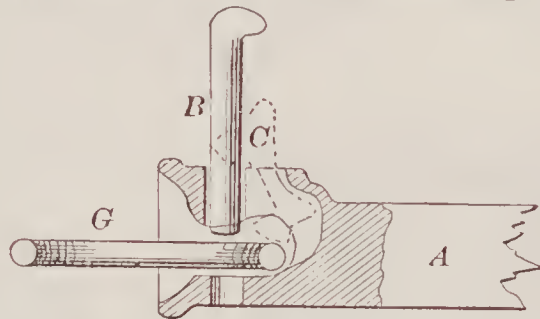
64688—W. H. Miller—Packing for
Steam Engines. A



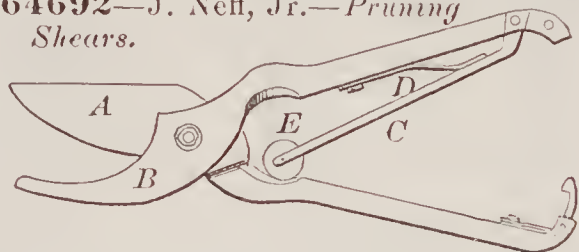
64686—F. Meyer—For Grinding Scale Pivots.



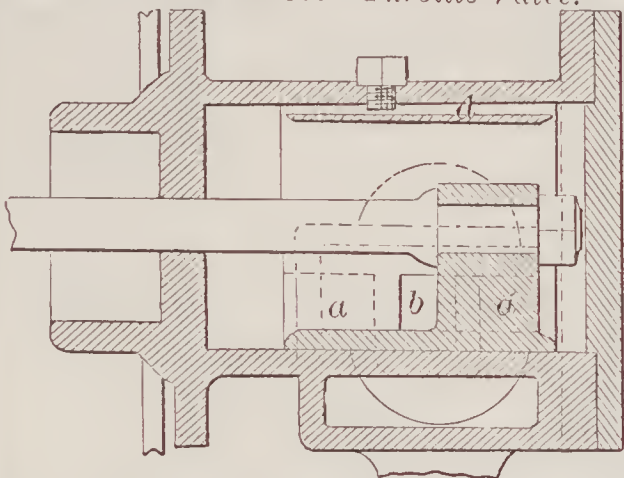
64689—T. S. Minniss—Car Coupling.



64692—J. Neff, Jr.—Pruning
Shears.



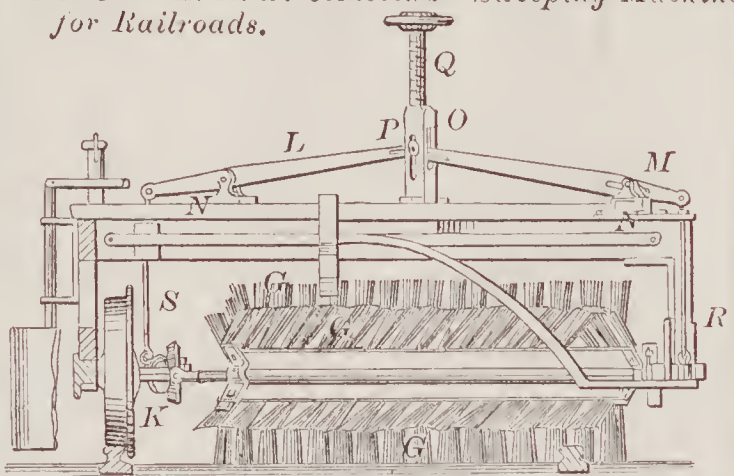
64690—G. F. Morse—Throttle Valve.



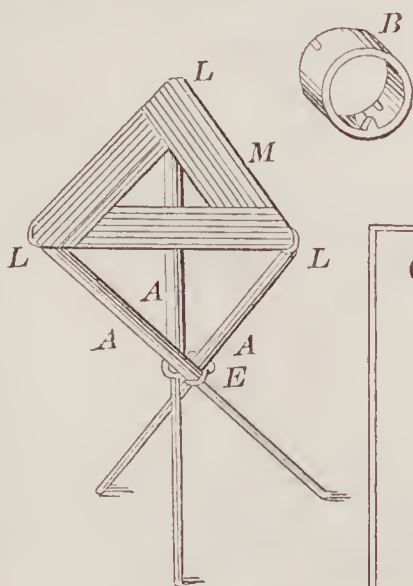
64693—T. L. Ogier—Buckle.



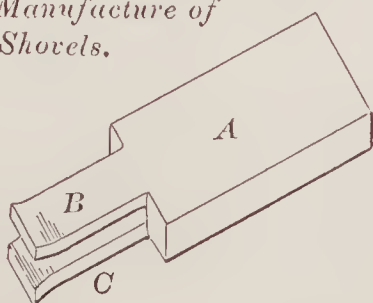
64695—E. A. F. Olmstead—Sweeping Machine
for Railroads.



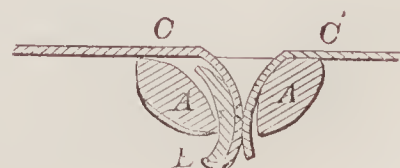
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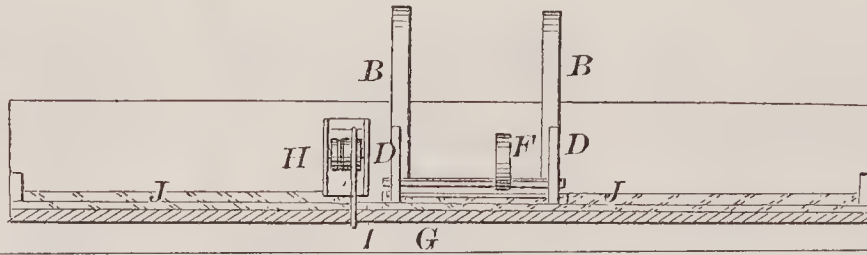
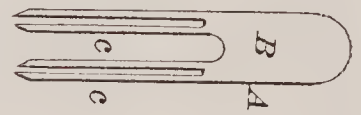
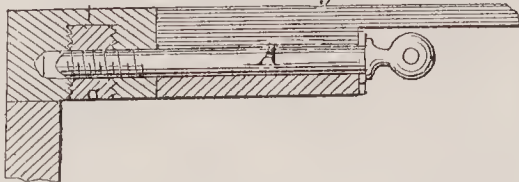
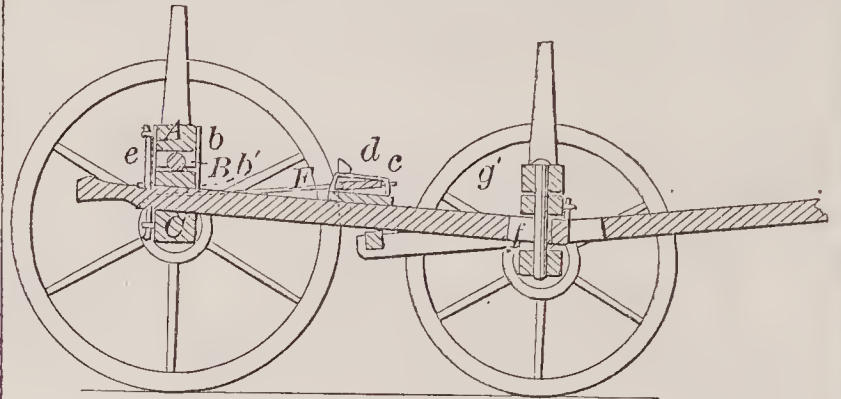
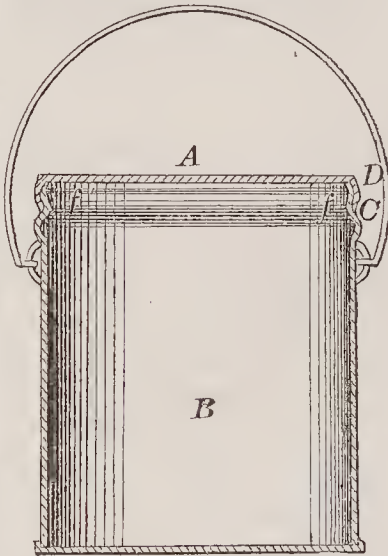
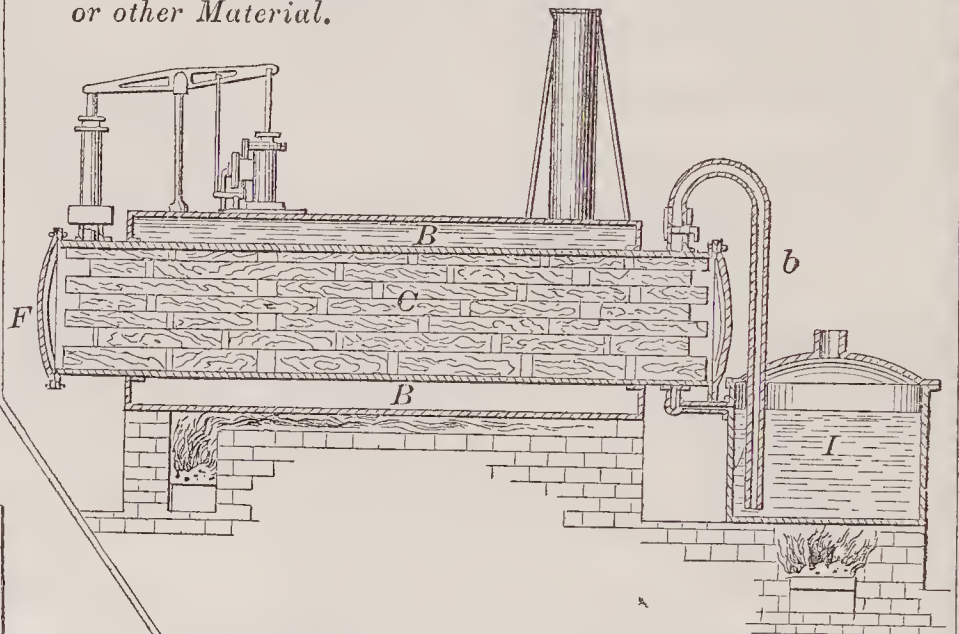
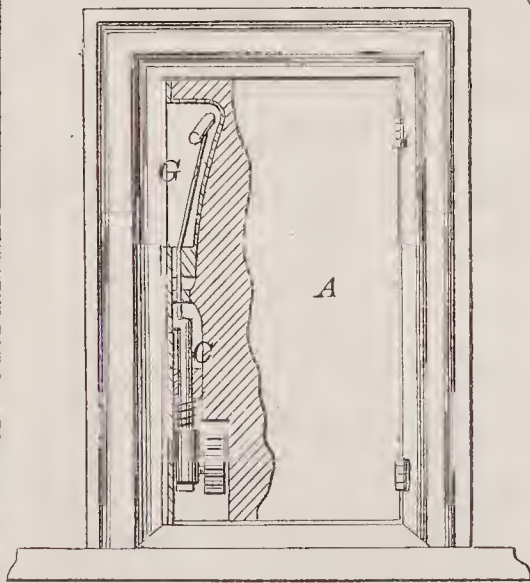
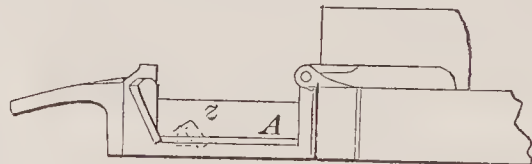
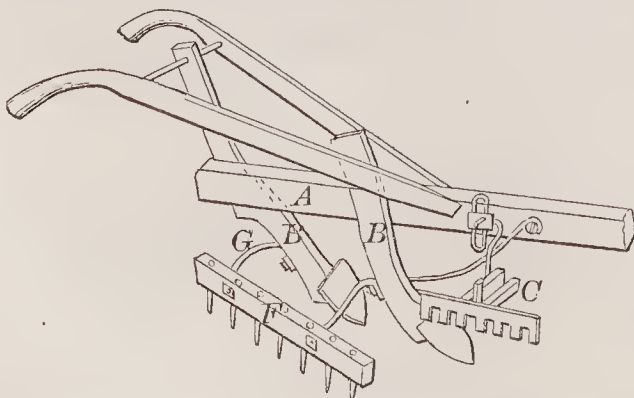
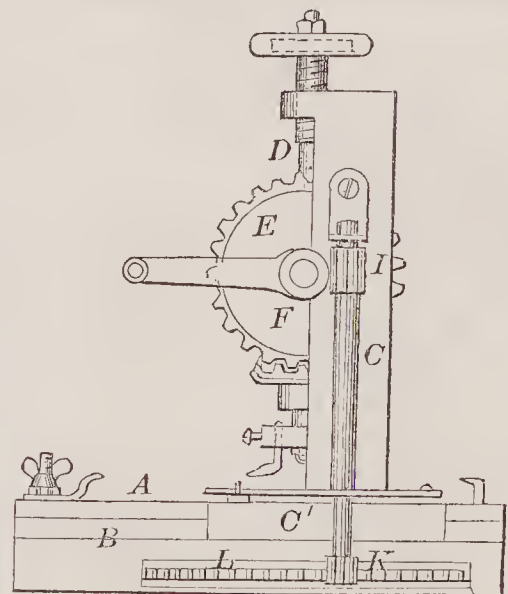


64691—H. M. Myers—
Manufacture of
Shovels.

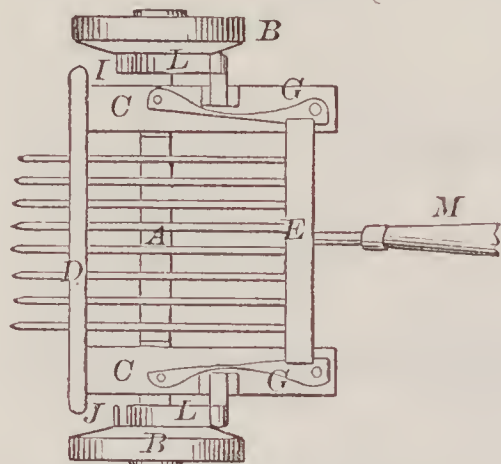


64696—W. Onions—Cotton
Bale Tie.

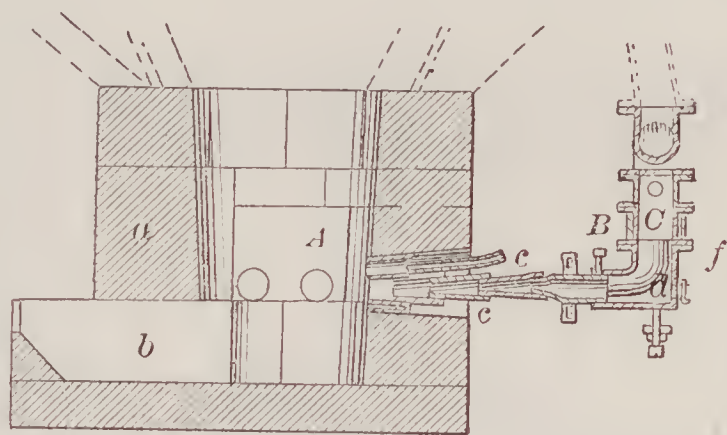


64697—H. S. Palmer—*Manure Distributor.*64698—W. Patterson—*Clothes Pin.*64699—M. Pechmann—*Bedstead Fastening.*64700—J. W. Phillippi—*Wagon Brake.*64705—A. Randol—*Can for Holding White Lead.*64703—G. Pustkuchen—*For Impregnating Wood with Tar or other Material.*64704—W. Quayle—*Door Holder.*64701—Poultney & Crispin—*Breech-Loading Fire Arm.*64707—J. Reedy—*Plow.*64706—L. Read—*Planing Machine.*

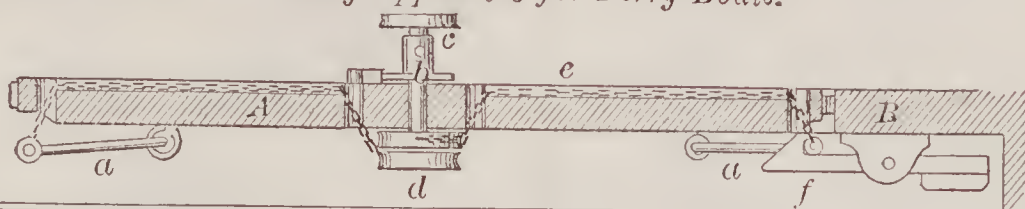
64708—E. Rexford—*Potato Digger.*



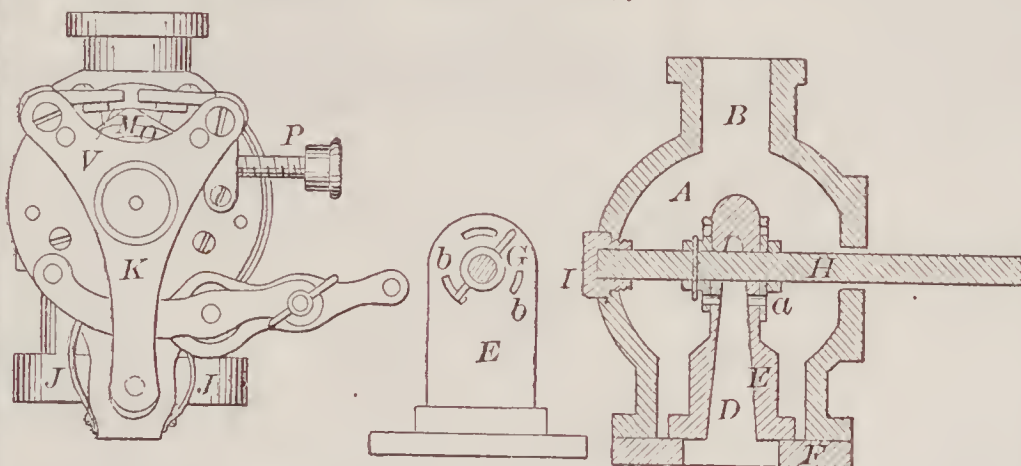
64709—Root & Bartram—*Smelting Furnace.*



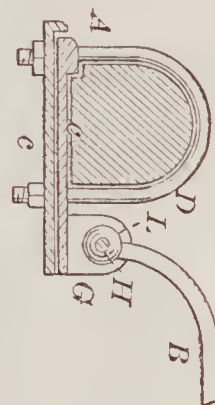
64710—J. Rowland—*Locking Apparatus for Ferry Boats.*



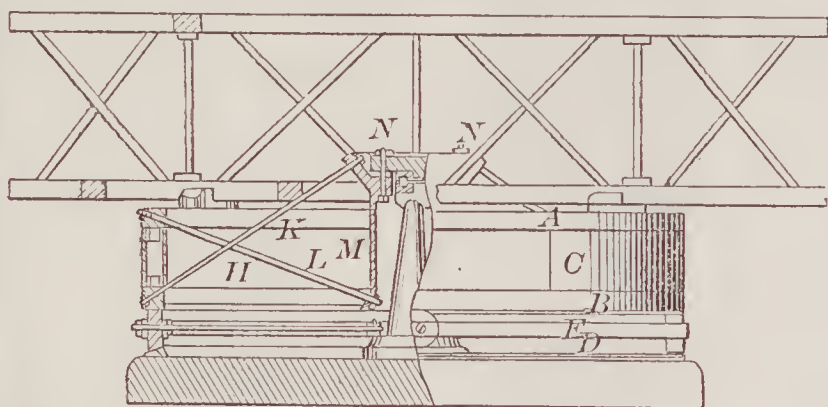
64712—R. Sanderson—*Steam Governor.*



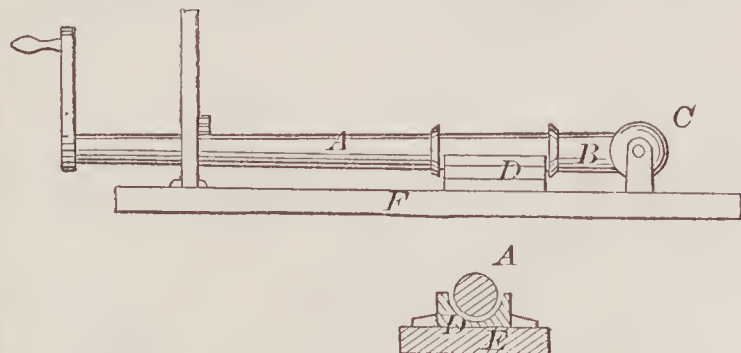
64715—N. H. Shaw—*Attaching
Thills to Vehicles.*



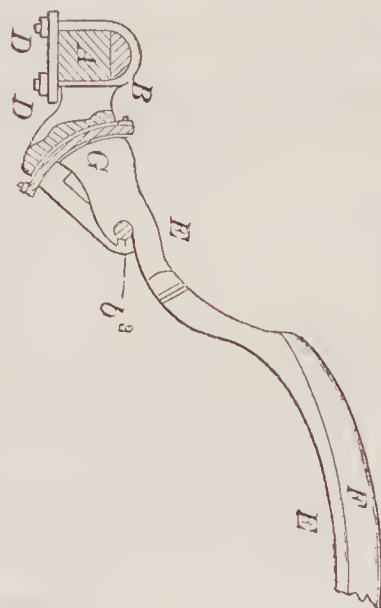
64713—C. Sellers—*Turn Table for Bridges.*



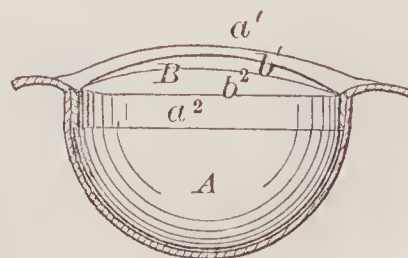
64714—B. A. Shaffer—*Draining Tile.*



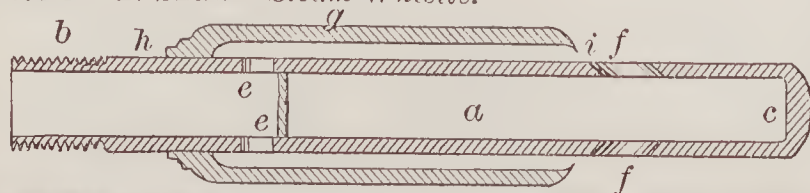
64711—G. B. Salmon—*Carriage Clip.*

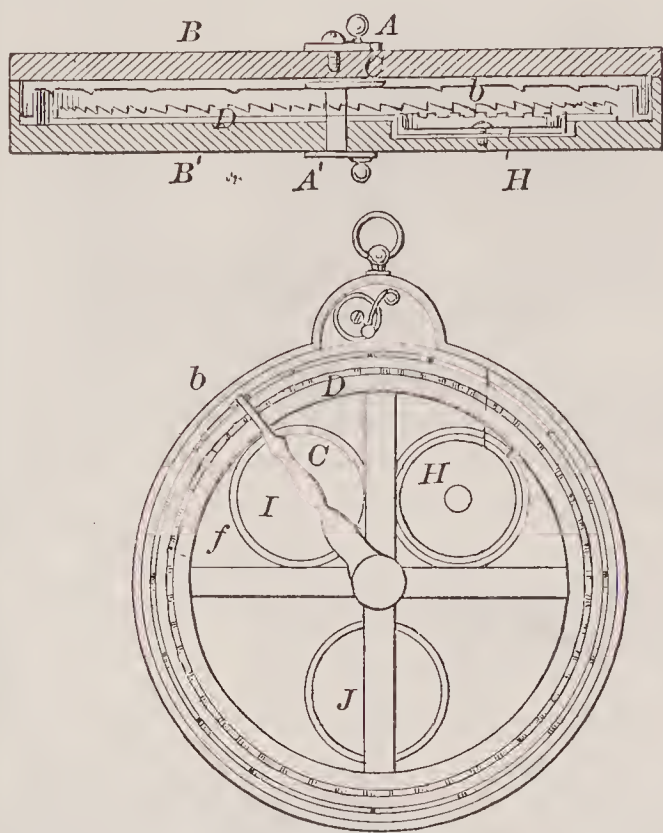
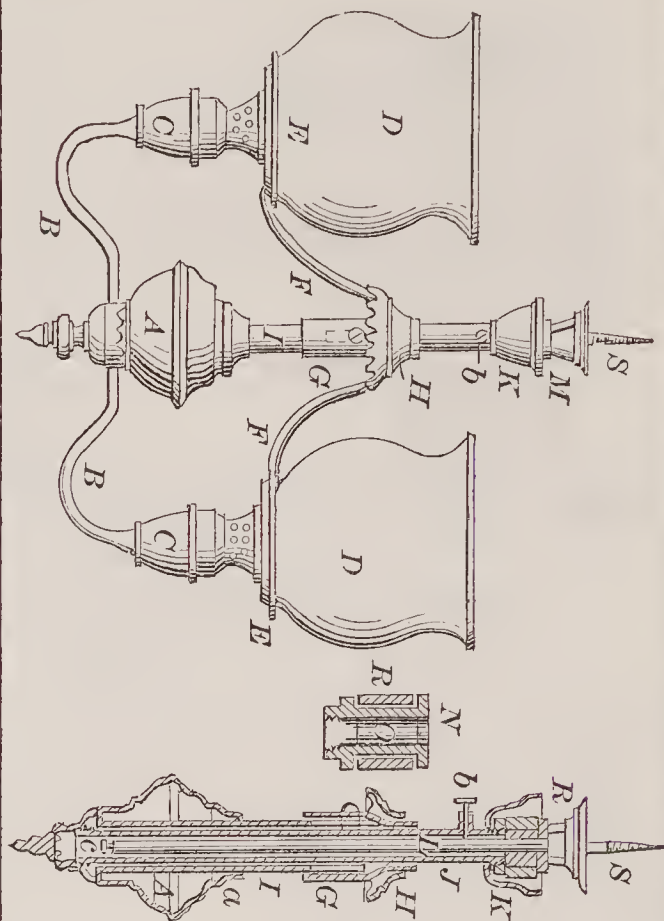
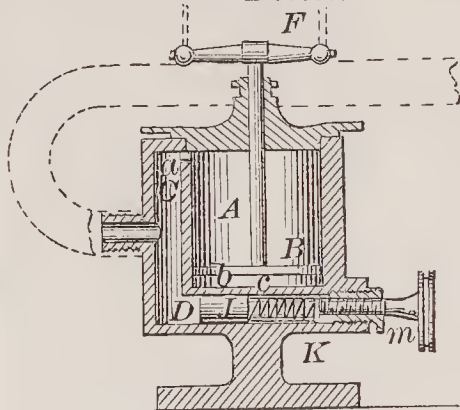
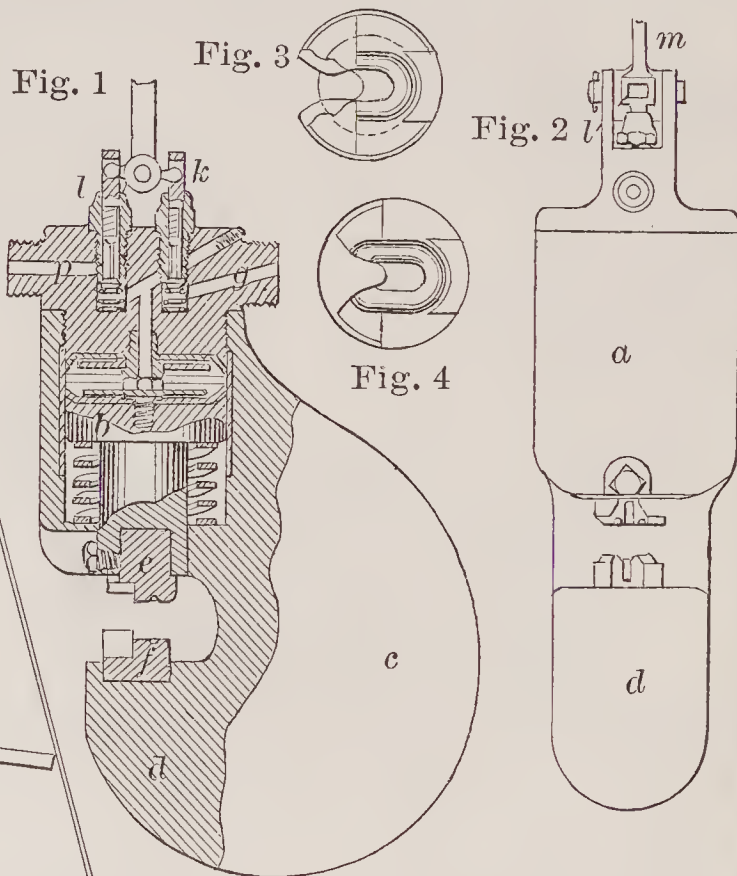
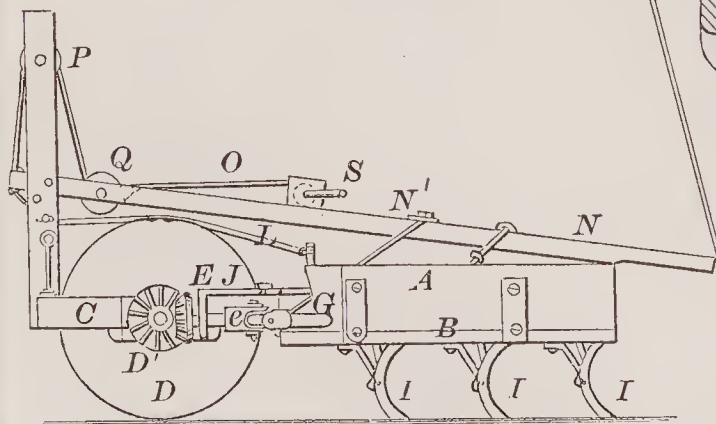
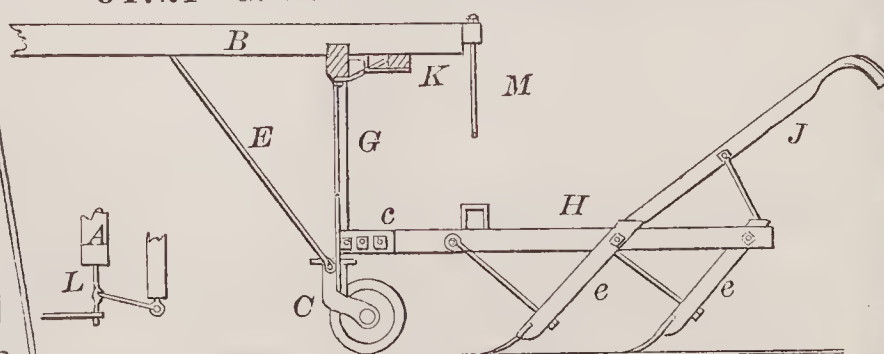
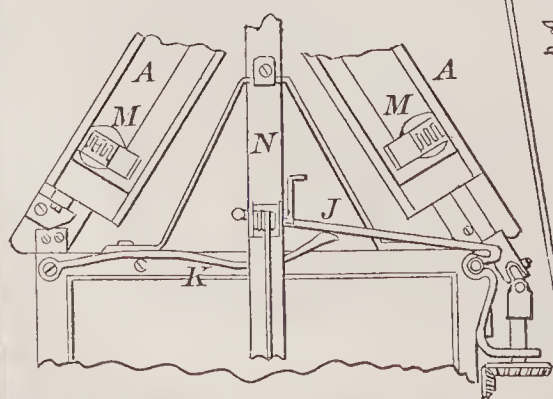


64717—D. Shive—*Sweat
Leather for Hats.*

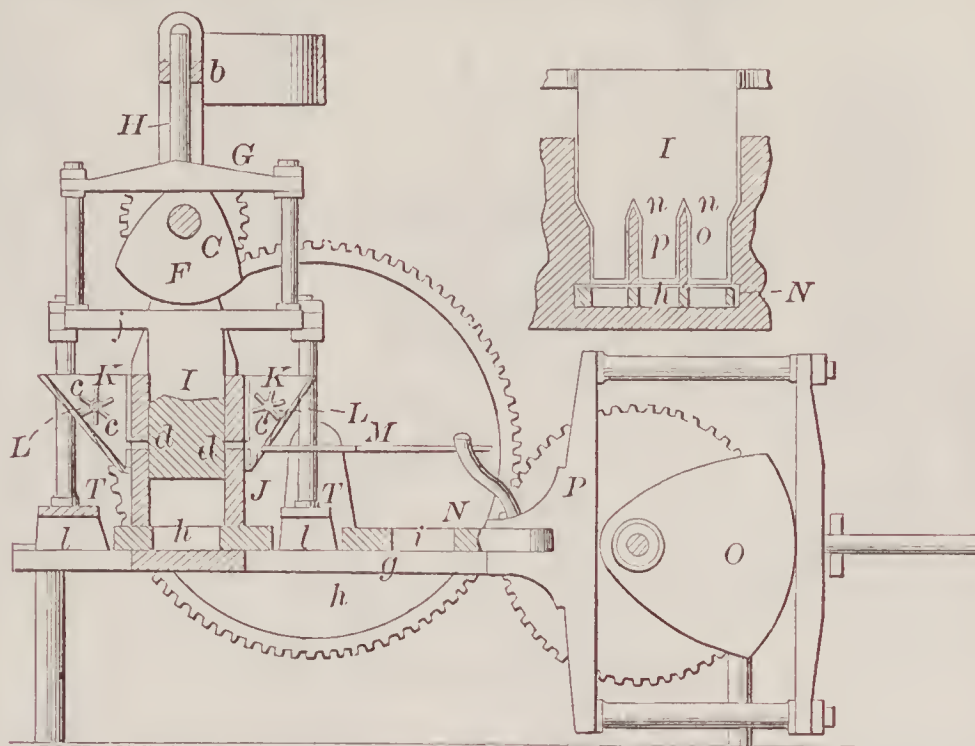


64716—T. Shaw—*Steam Whistle.*

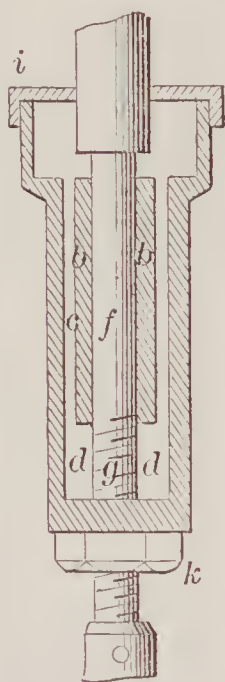


64718—Simpson & Taylor—*Billiard Register.*64719—R. J. Skinner—*Chandelier.*64720—W. H. Stanton—*Safety Valve Device.*64722—E. Tangye—*For Welding Chain Links.*64723—F. W. Tilton—*Seeder and Cultivator.*64721—G. W. Stockton—*Cultivator.*

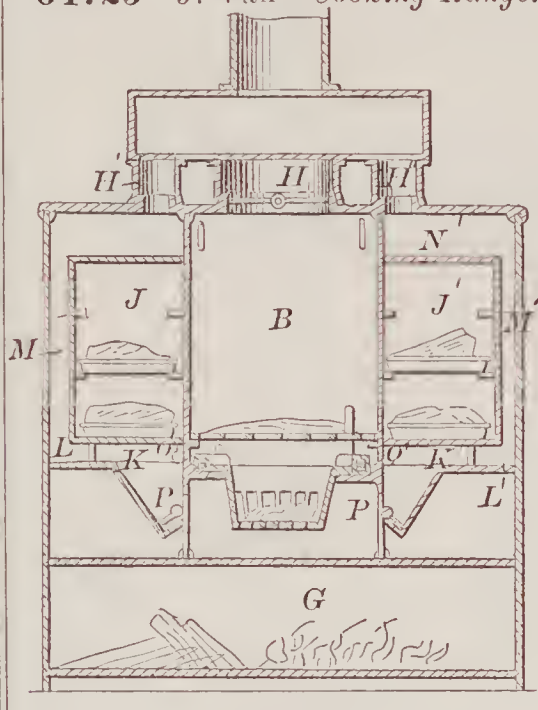
64726—Walsh, Walsh & Evans—*Brick Machine.*



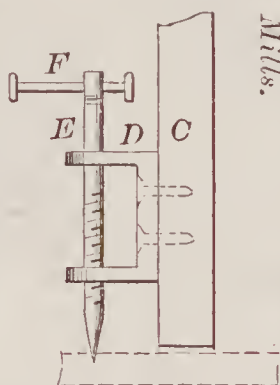
64724—C. R. Tompkins—Step for Upright Shaft.



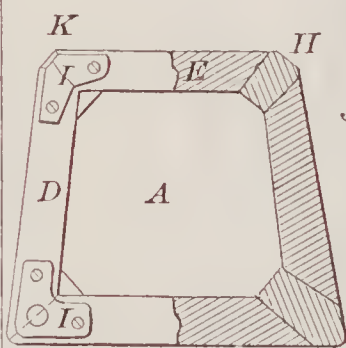
64725—J. Van—Cooking Range.



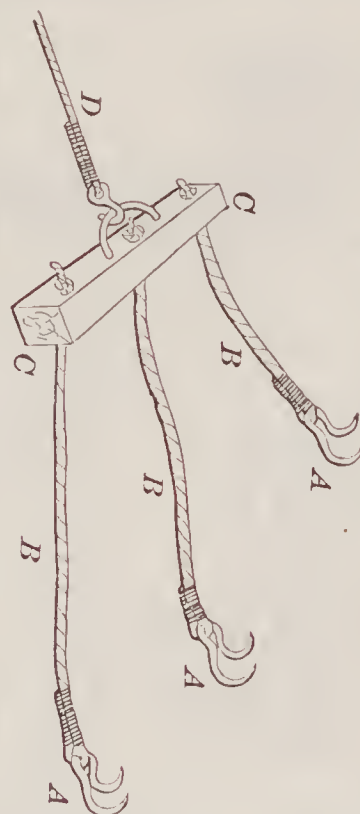
**64728—A. Wolf—Screw
for the Legs of Fanning
Mills.**



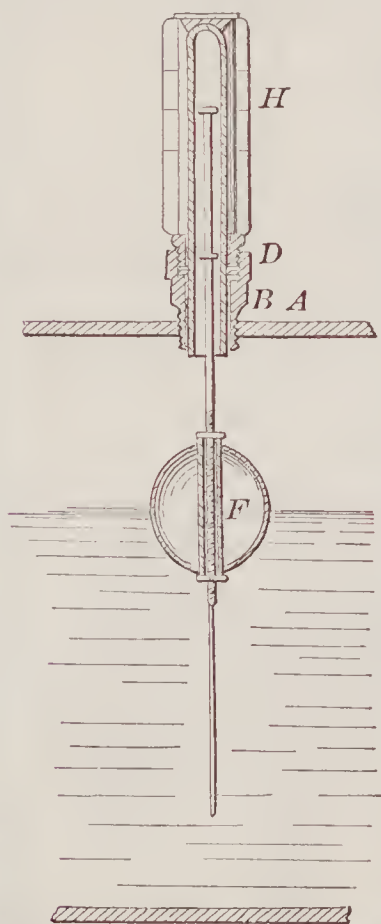
64727—G. A. Watkins—
Seat Frame for Chairs.



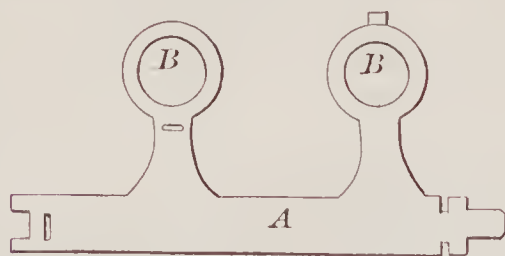
64729—J. Wood—Hay Unloader.




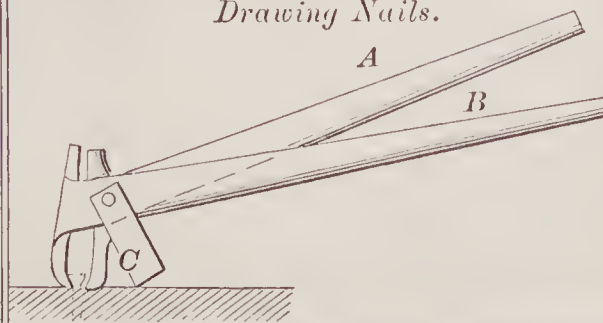
64730—I. H. Woodward—*Boiler Indicator.*



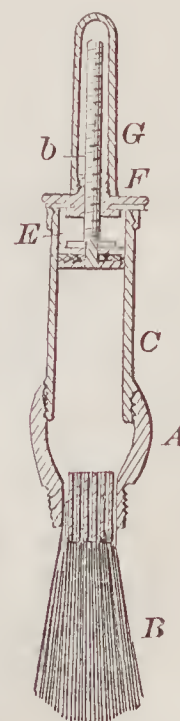
64731—J. N. Woodward—*Paint Brush.*

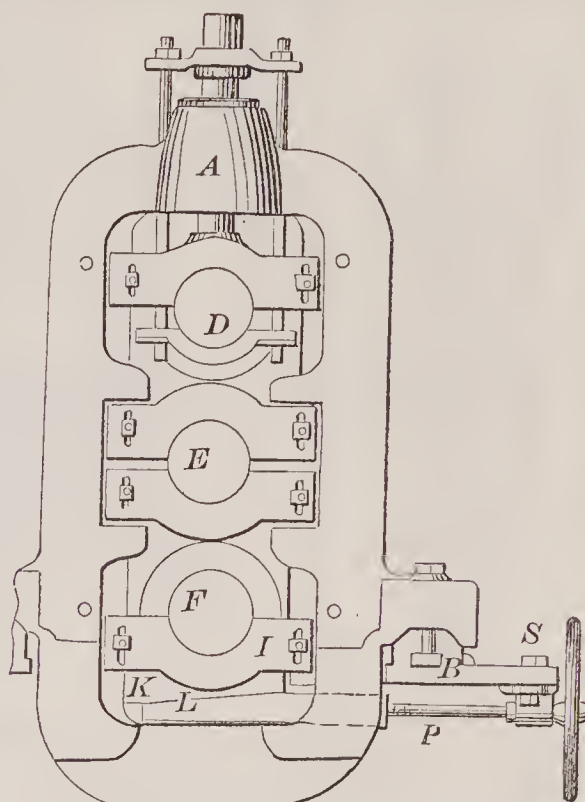
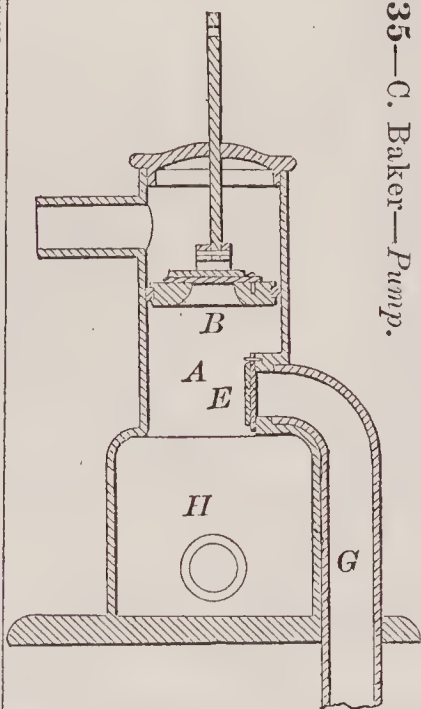
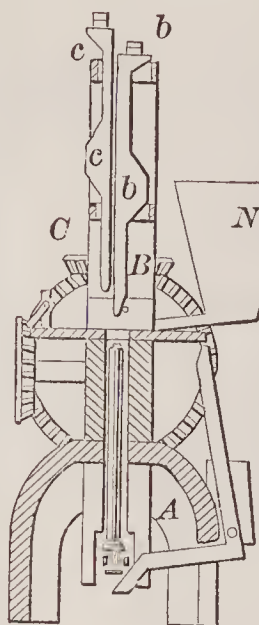
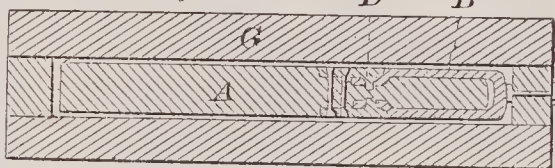
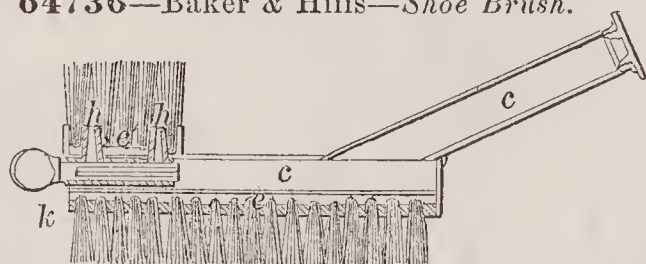
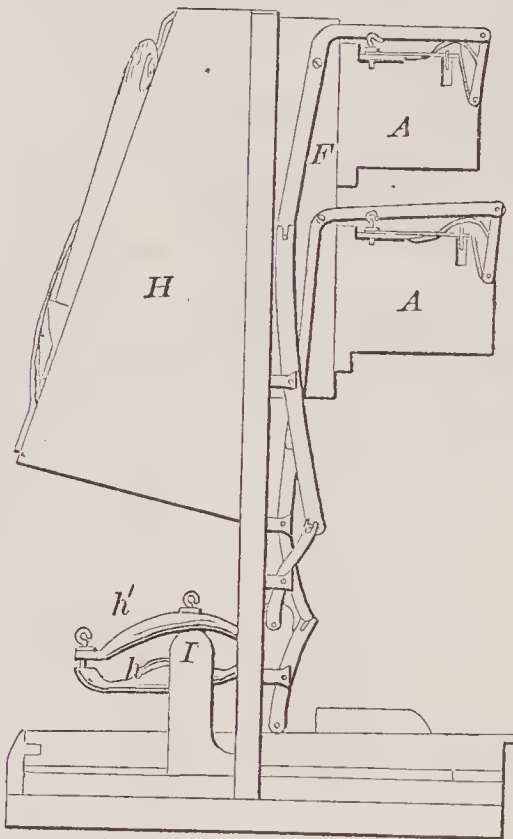
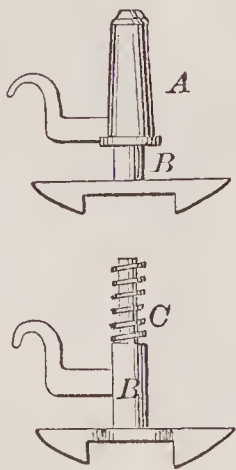
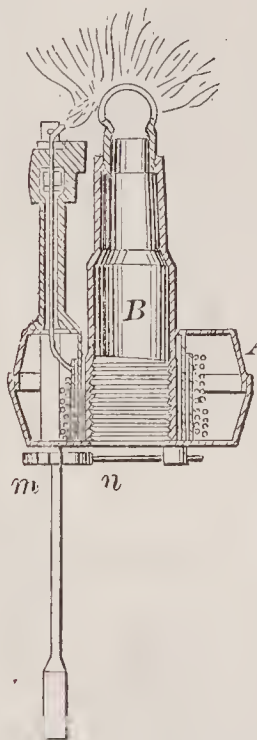
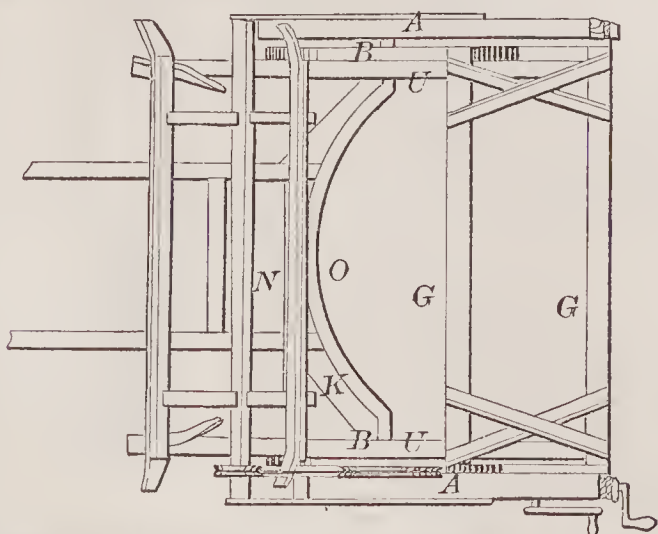
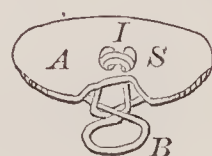
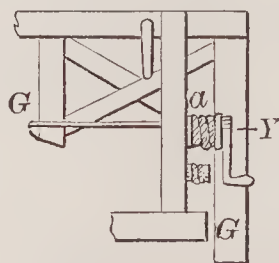


64733—Allen & Gilmor—*Claw for Drawing Nails.* 

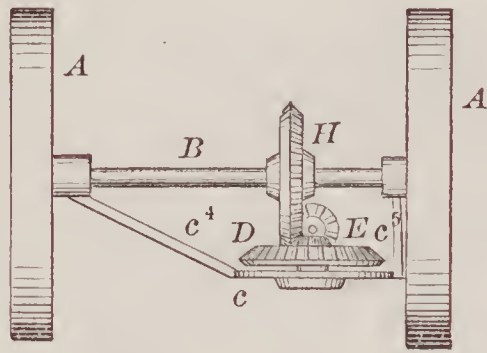
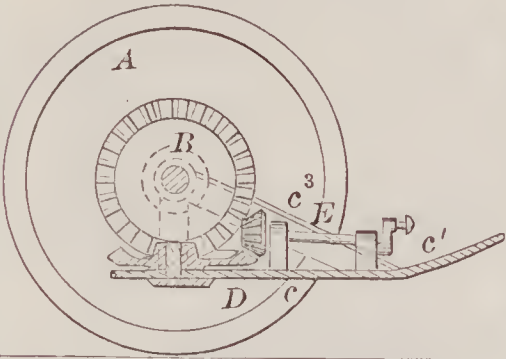


64732—W. T. Wylie—*Shaving Brush.*



64737—R. M. Bassett—*Rolling Mill.*64735—C. Baker—*Pump.*64734—Ames & Gowen—*Egeling Machine.*64739—W. W. Bates—*Hanging Centre Boards of Vessels.*64736—Baker & Hills—*Shoe Brush.*64741—J. Berger—*Melodeon.*64740—C. P. Bell—*Window Blind Fastener.*64738—W. W. Batchelder—*Lighting Gas.*64743—S. Bryan—*Cornstalk Cutter.*64742—
A. W. Browne—*Button.*

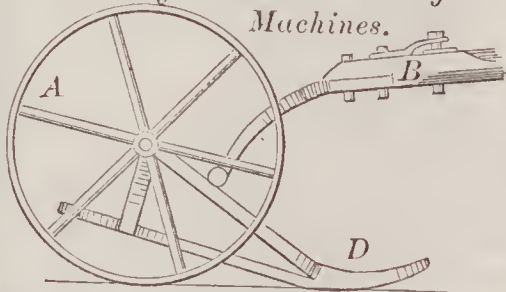
64744—C. W. Cardot—*Harvester.*



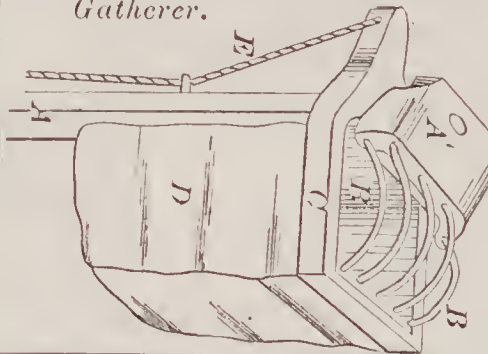
64746—C. W. Cardot—*Draught Pole for Mowing Machines.*



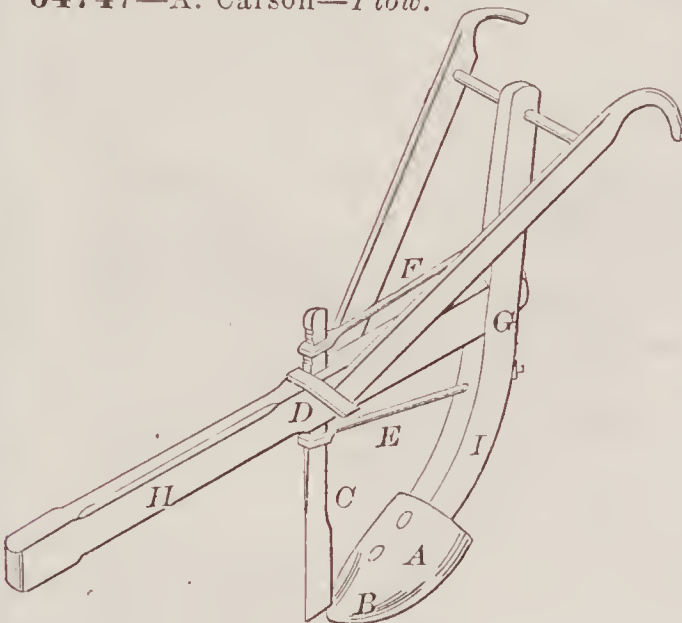
64745—C. W. Cardot—*Attaching Draught Poles to Mowing Machines.*



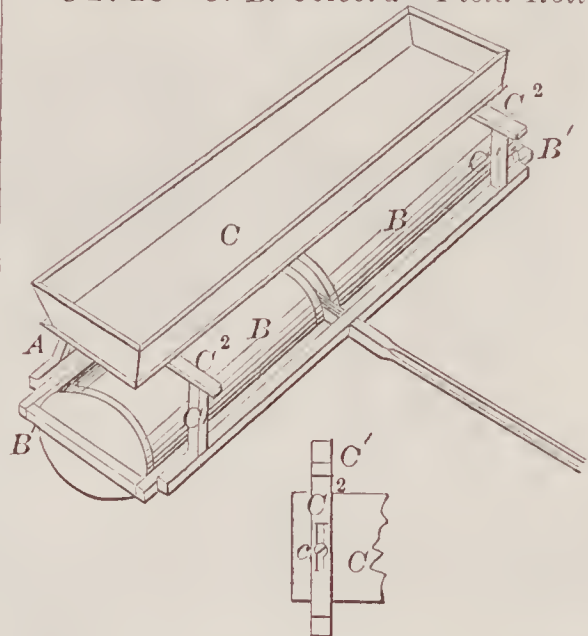
64749—J. C. Counts—*Fruit Gatherer.*



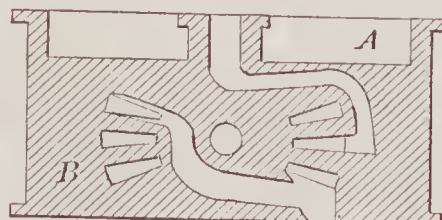
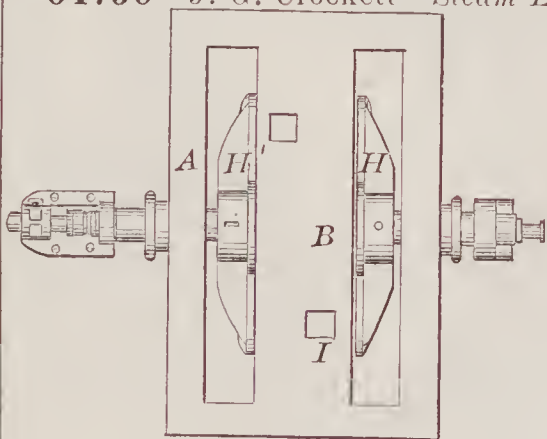
64747—A. Carson—*Plow.*



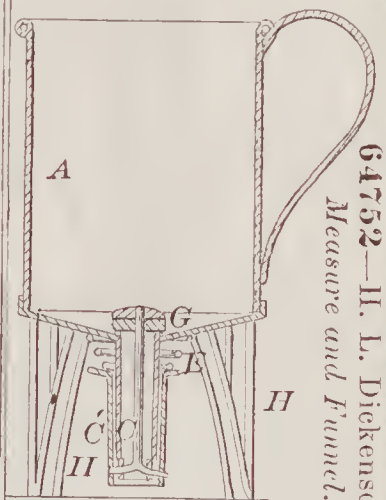
64748—O. B. Colcord—*Field Roller.*



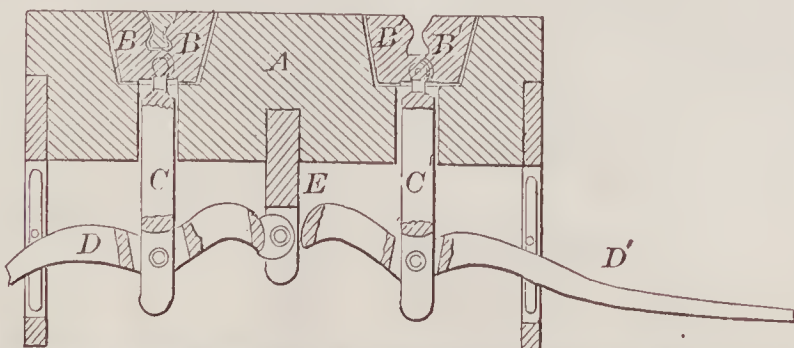
64750—J. G. Crockett—*Steam Engine Balance Valve.*



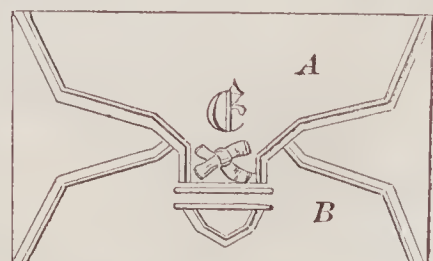
64752—H. L. Dickenson—*Measure and Funnel.*



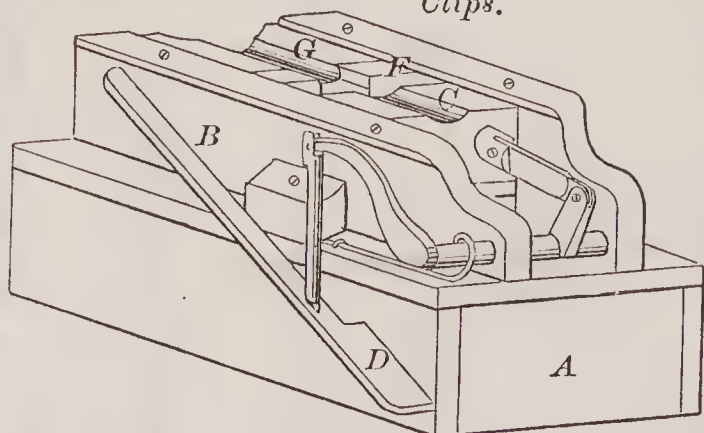
64751—J. B. Deck—*Repairing Railroad Rails.*



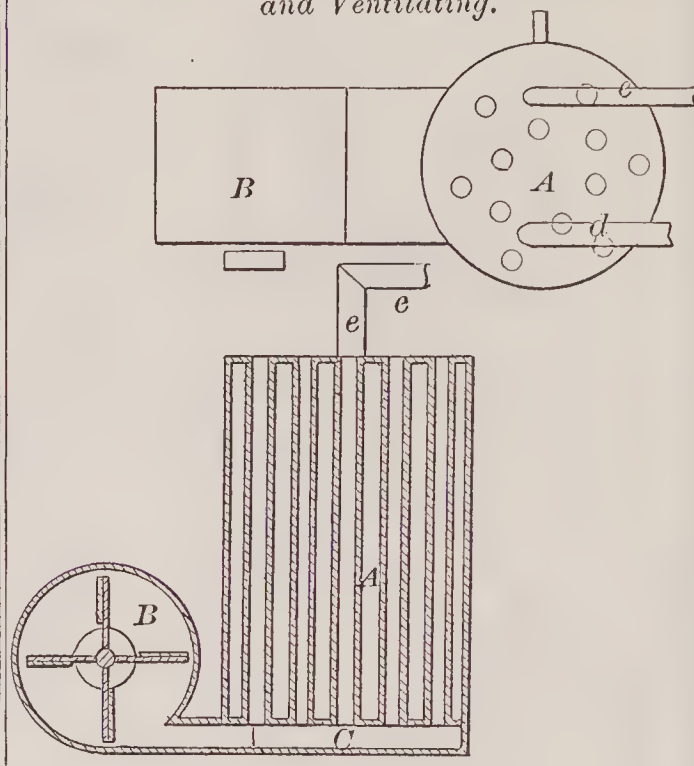
64753—H. Everdell—*Envelope.*



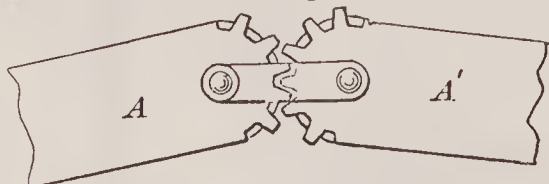
64754—G. Feightner—*For Making Wagon Clips.*



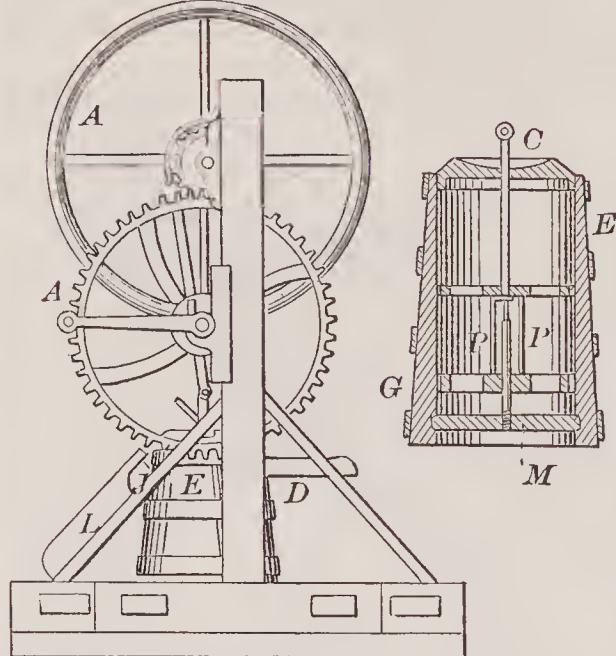
64756—F. Fisher—*Steam Heating and Ventilating.*



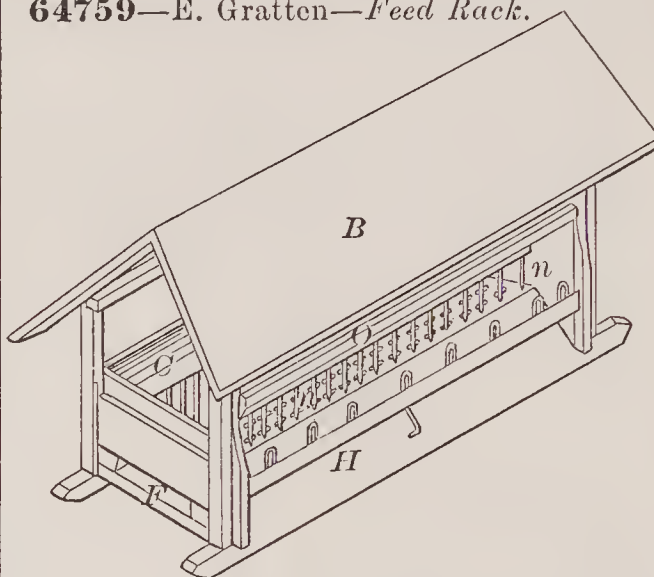
64757—G. B. Garlinghouse—*Knuckle Joint.*



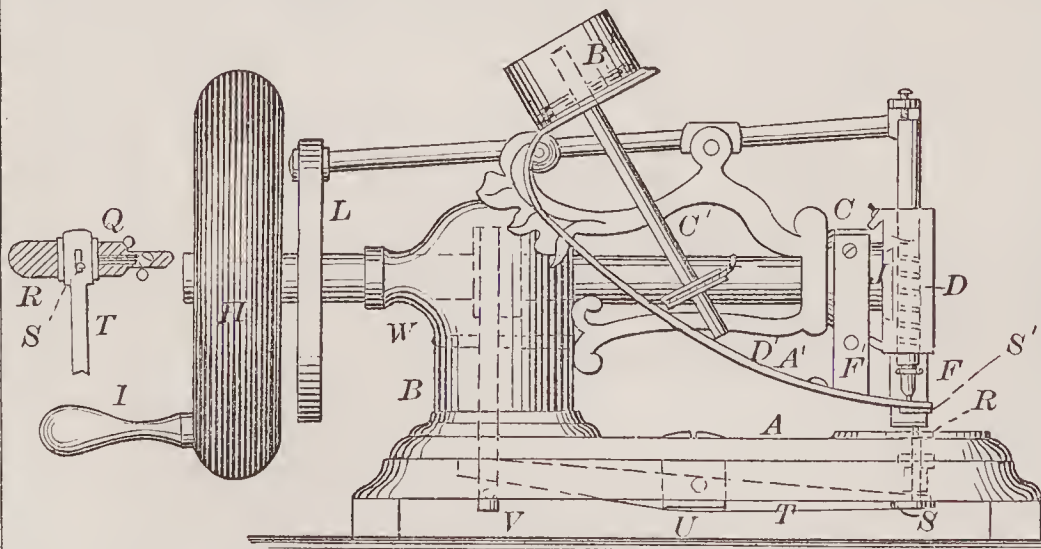
64758—D. Gates—*Churn.*



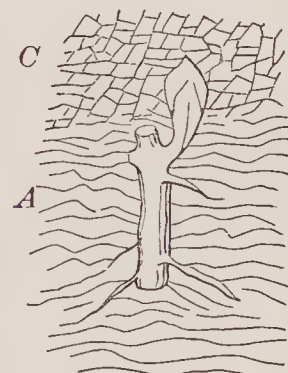
64759—E. Gratten—*Feed Rack.*



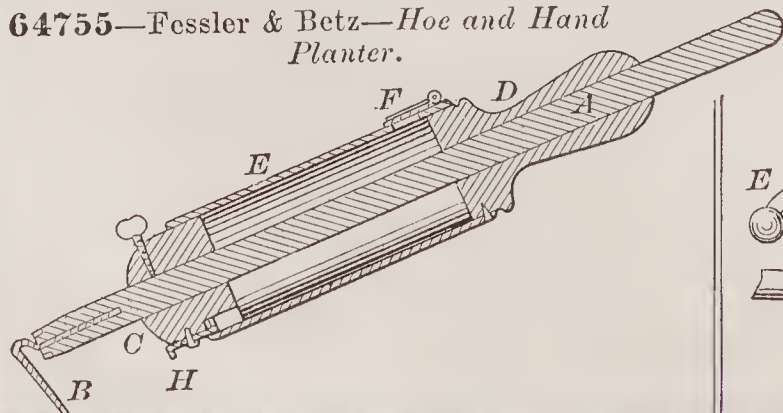
64761—L. Hall—*Eyeletting Machine.*



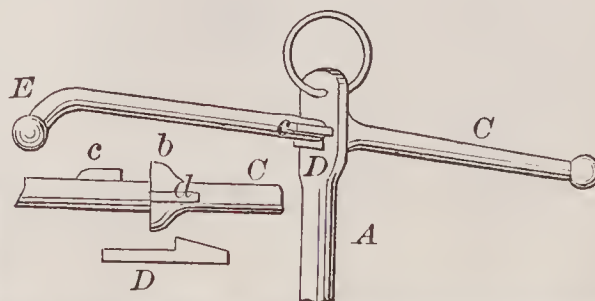
64760—W. Griffeth—*Propagating Grape Vines.*



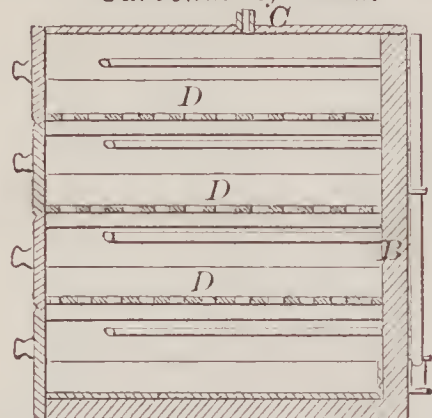
64755—Fessler & Betz—*Hoe and Hand Planter.*



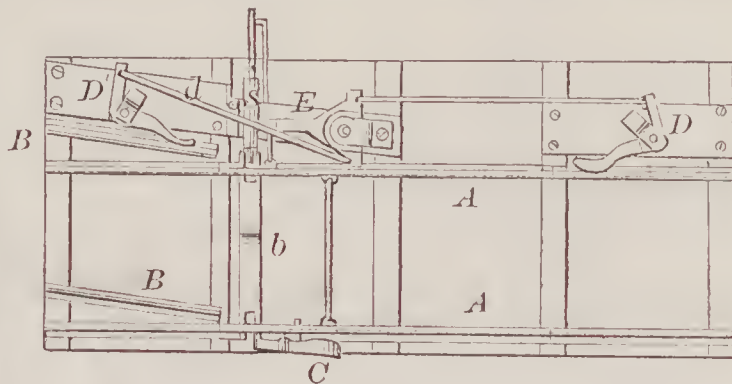
64762—J. L. Hanly—*Anchor Stock.*



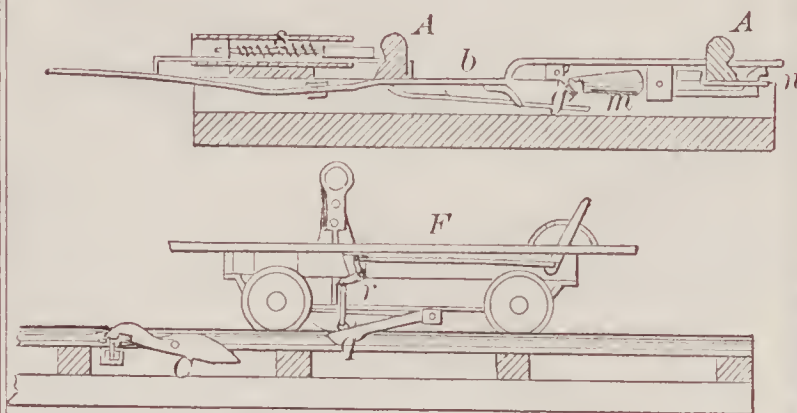
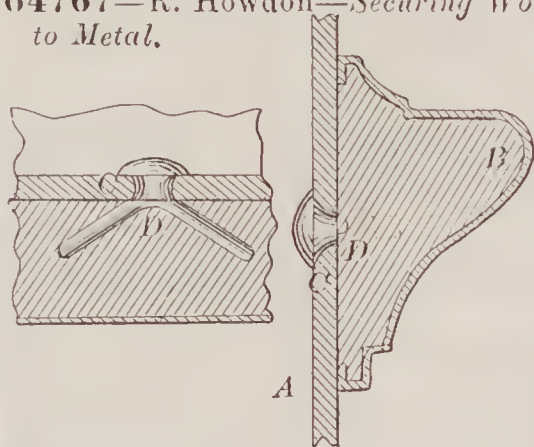
64763—H. Hannen—*Manufacture of Carbonate of Lead.*



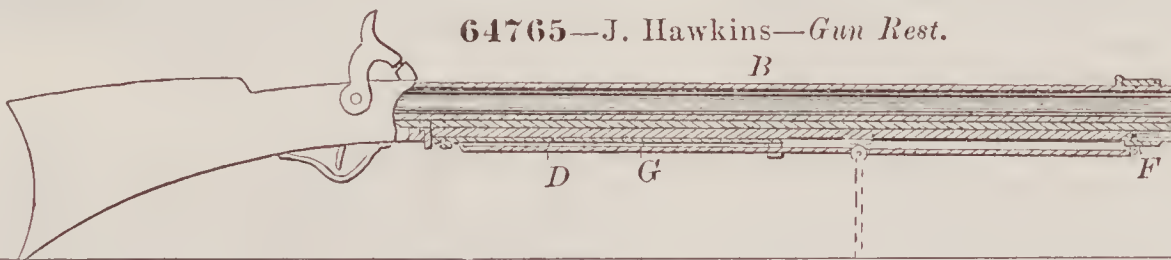
64764—A. Hartman—*Railroad Switch.*



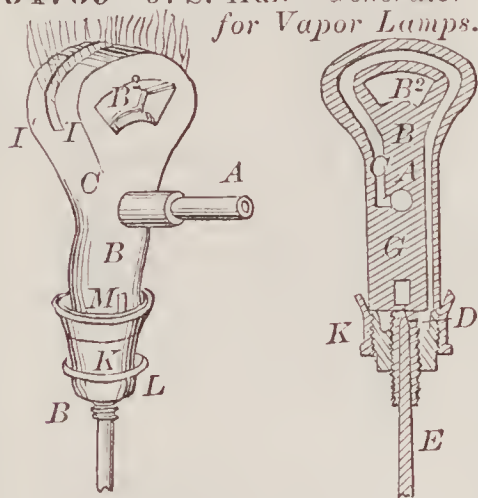
64767—R. Howdon—*Securing Wood to Metal.*



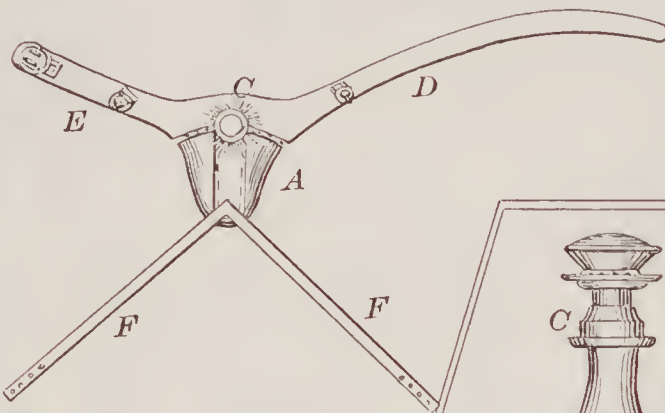
64765—J. Hawkins—*Gun Rest.*



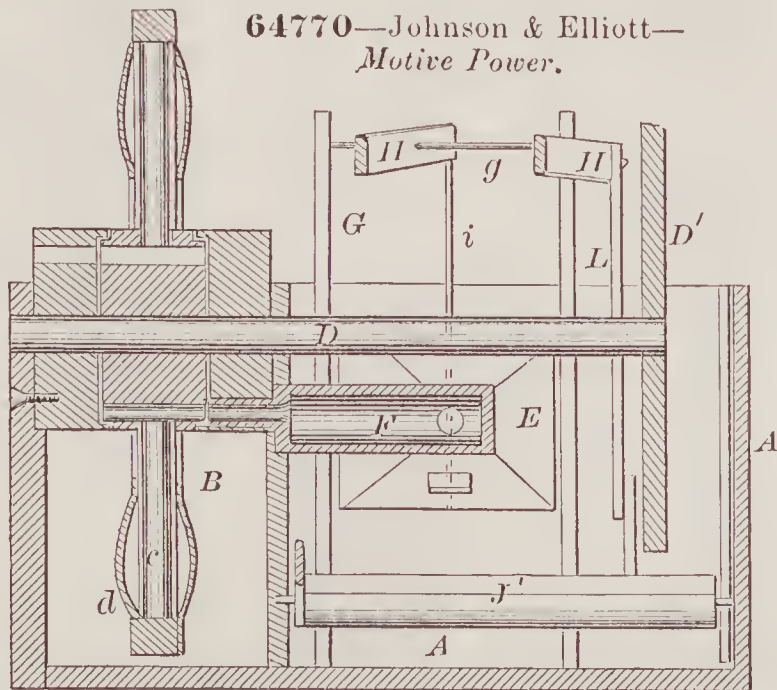
64769—J. S. Hull—*Generator for Vapor Lamps.*



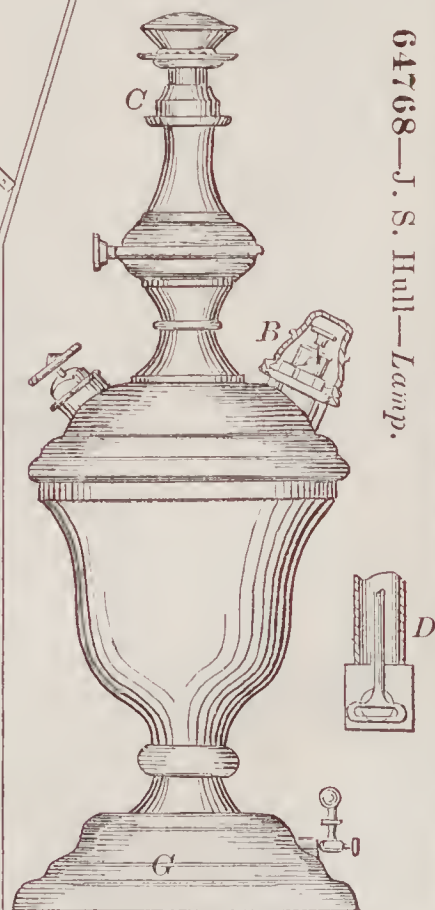
64766—E. Heaton—*Suspensory Bandage.*

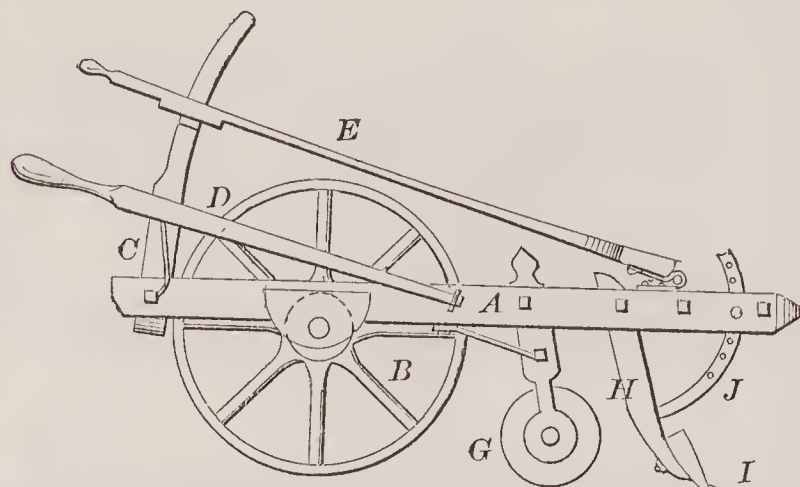
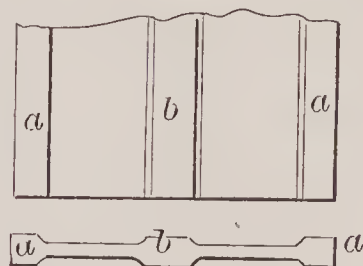
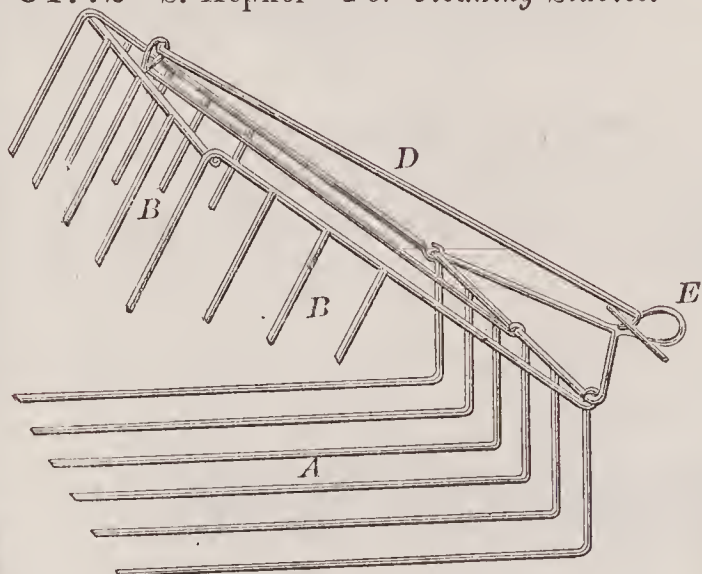
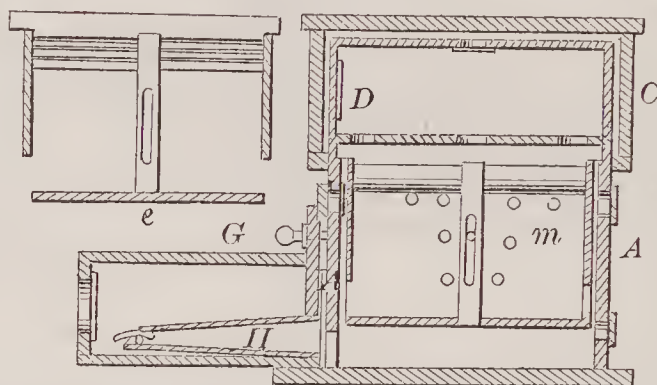
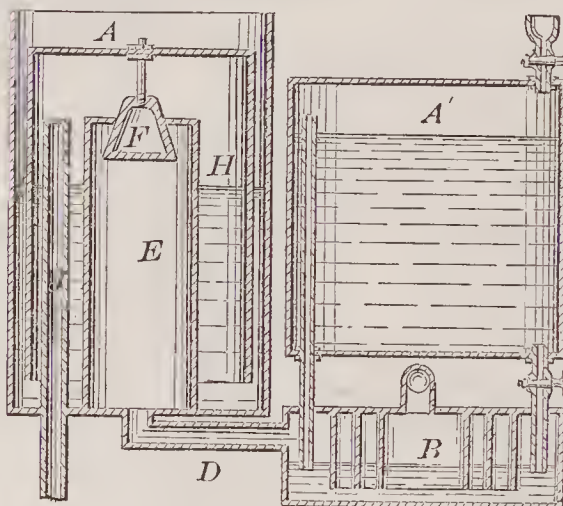
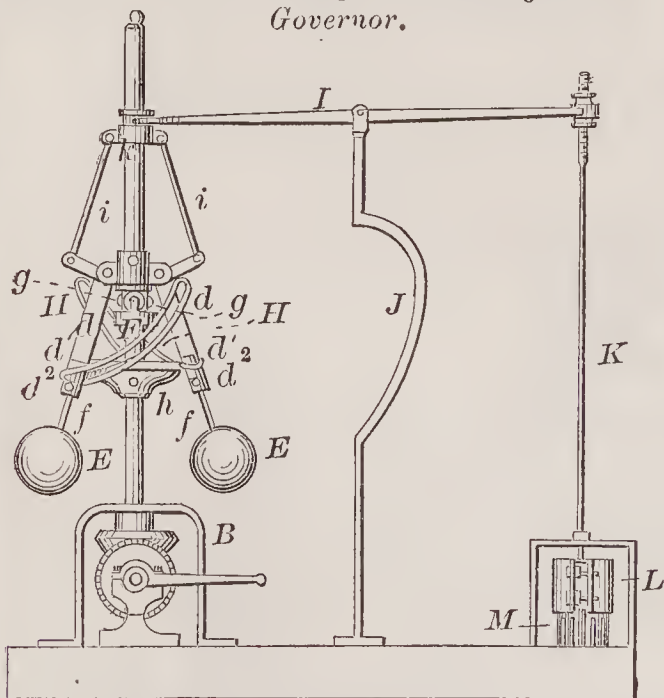
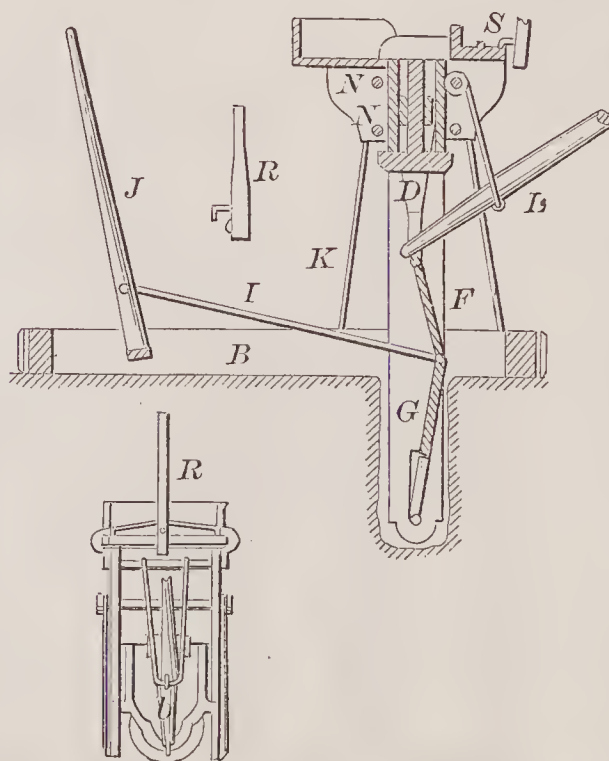
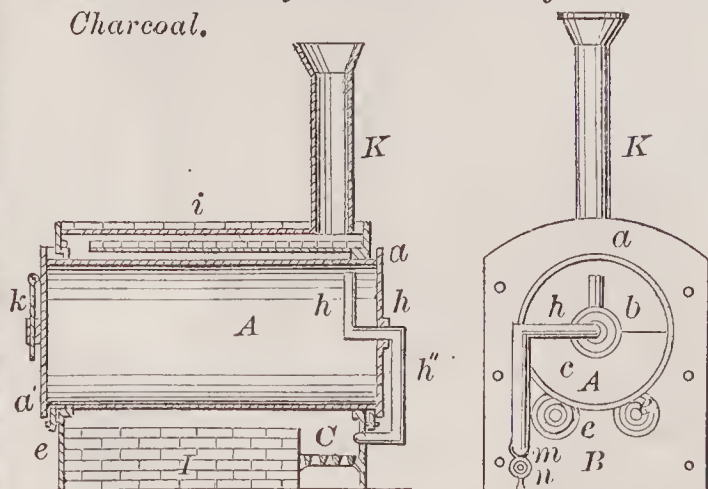


64770—Johnson & Elliott—*Motive Power.*

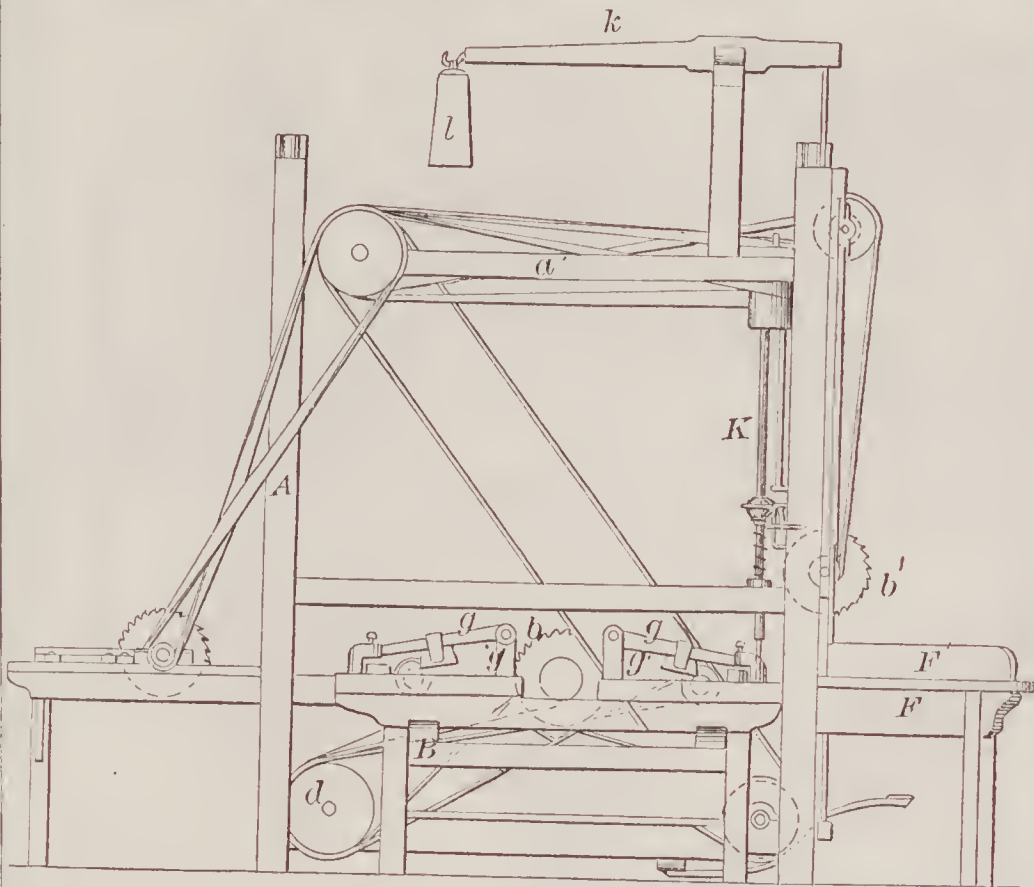


64768—J. S. Hull—*Lamp.*

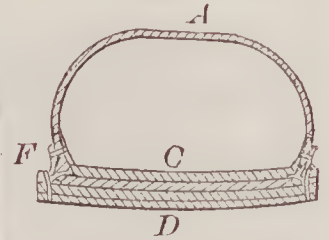


64771—F. Keefer—*Hand Plow.*64774—Kissell & Blickensdufer—*Lightning Conductor.*64772—S. Kepner—*For Cleaning Stables.*64773—K. P. Kidder—*Beehive.*64776—W. H. Laubach—*For Carburetting Gas.*64775—J. P. T. Lang—*Steam Engine Governor.*64778—J. Marshall—*Brick Machine.*64777—J. B. Lyons—*For Making Peat Charcoal.*

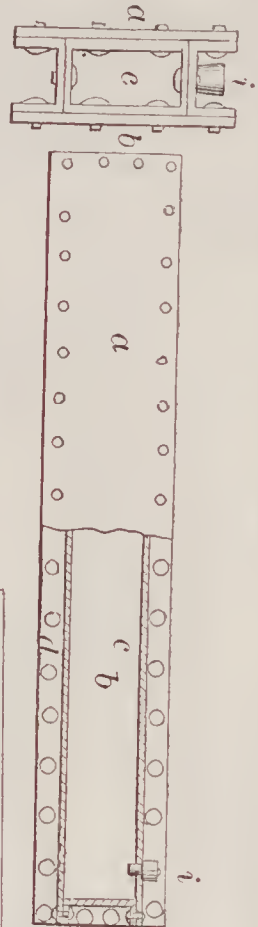
64779—W. W. Maughlin—For Making Door and Window Frames.



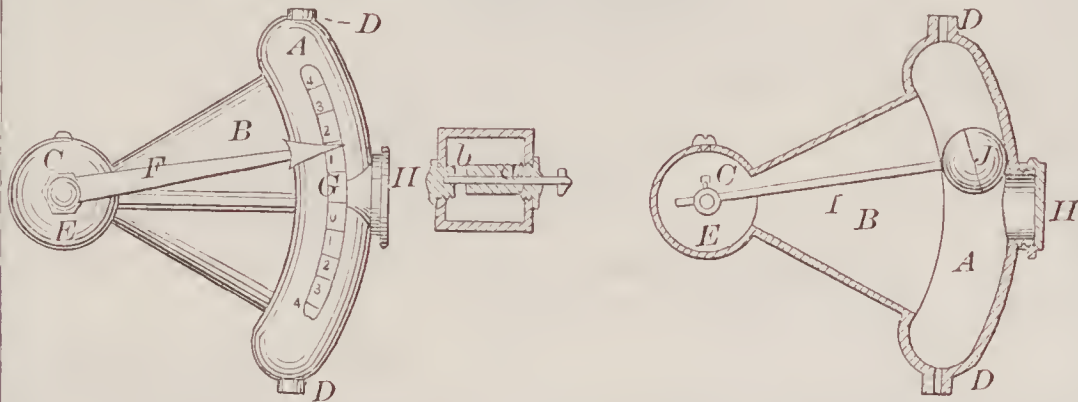
64780—E. Mayer—Boots and Shoes.



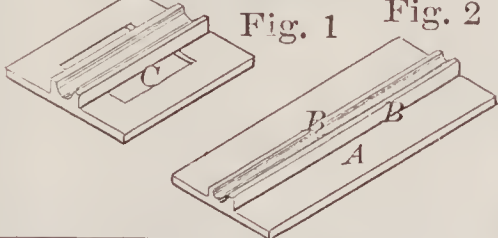
64783—J. Merrill—Metal Beam.



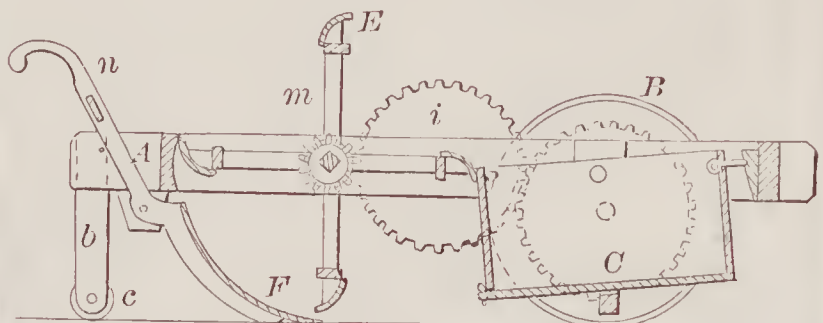
64781—G. McAllister—Low Water Indicator.



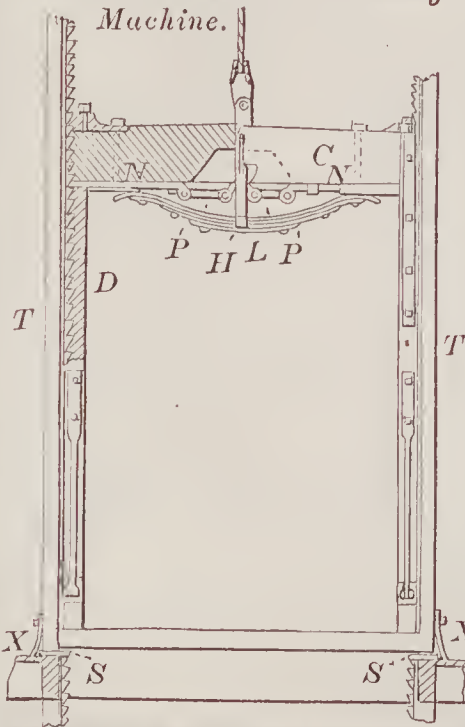
64782—G. B. McDonald—For Making Buckles.



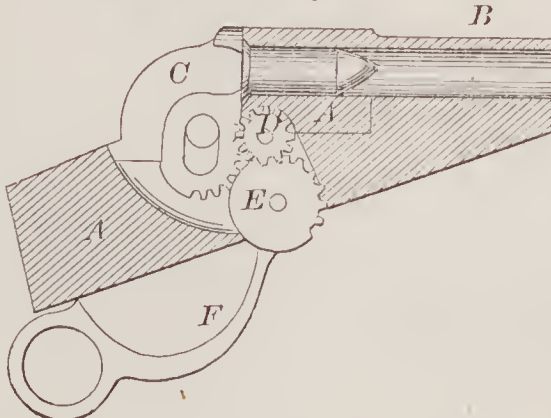
64784—A. Michelbacher—Peat Gathering Machine.



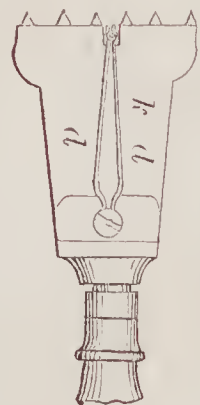
64785—W. Miller—Hoisting Machine.

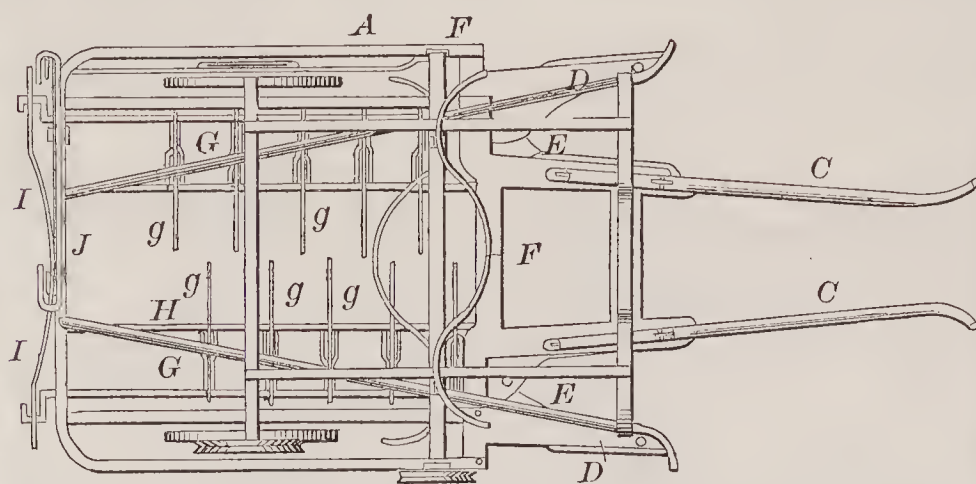
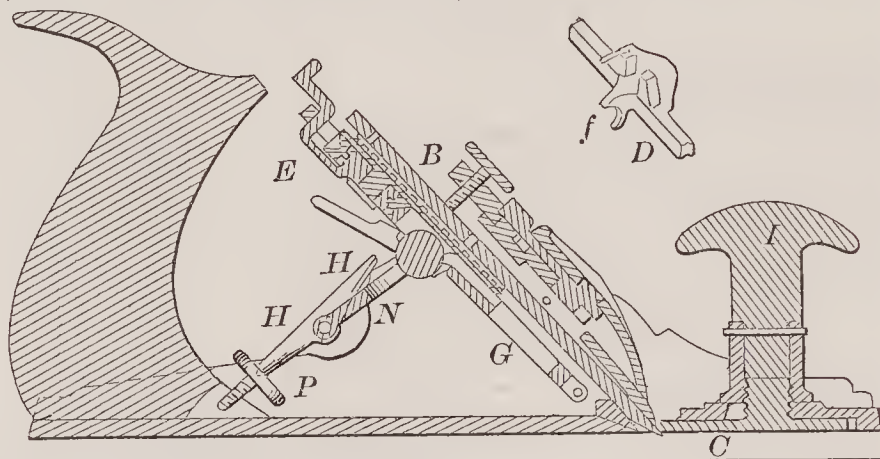
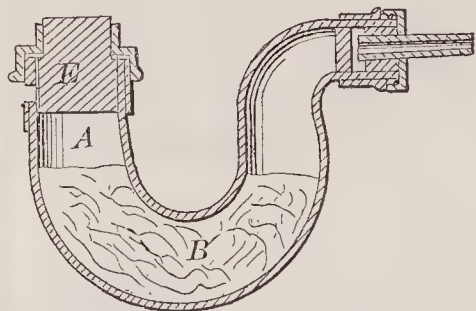
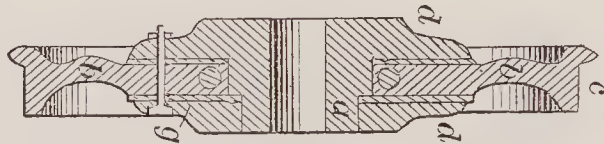
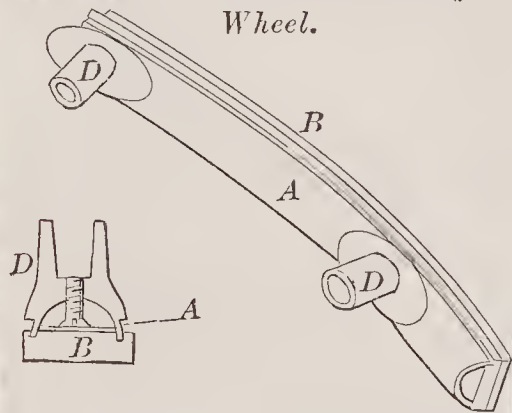
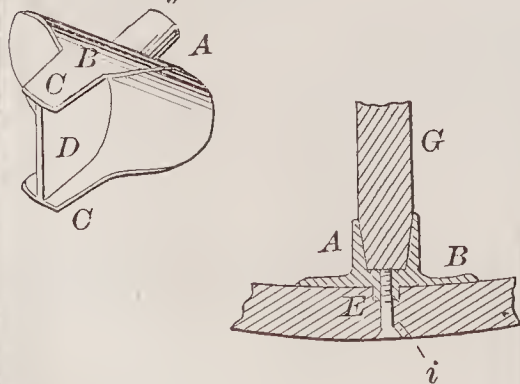
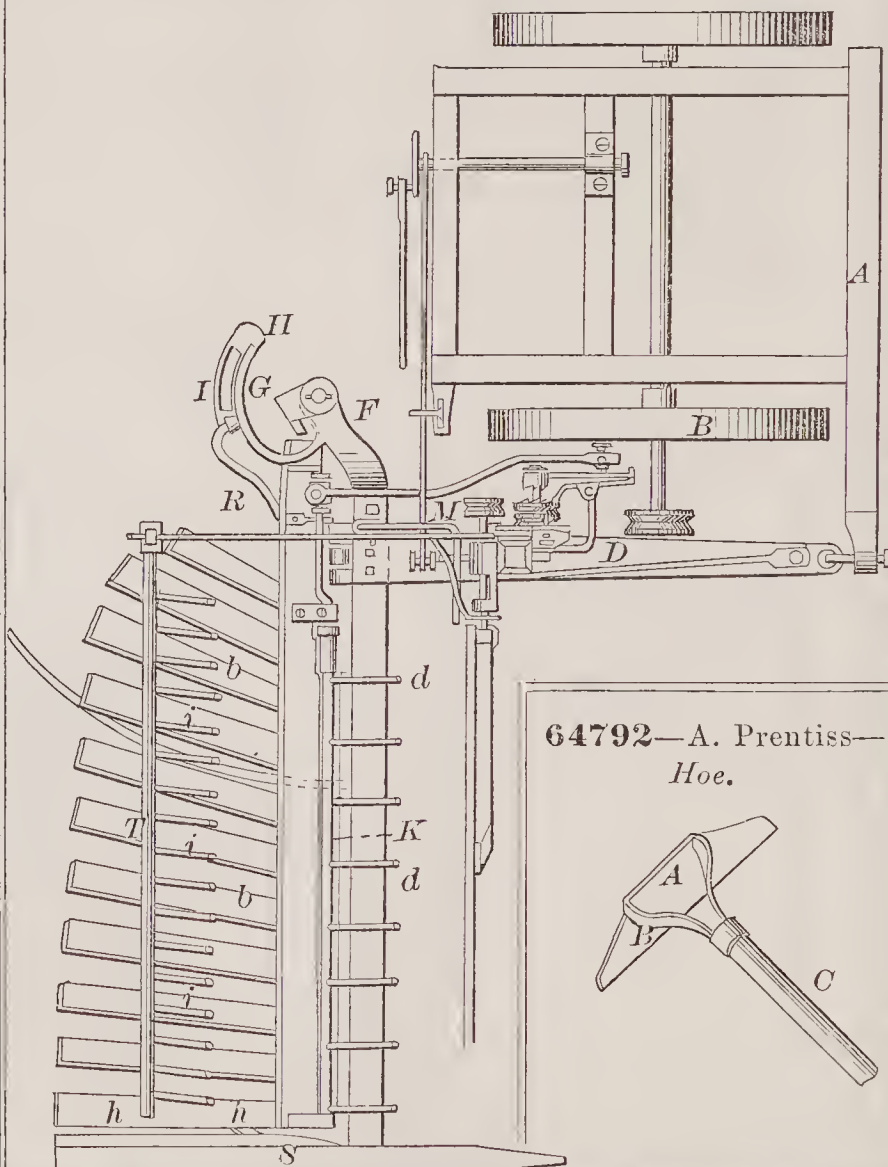
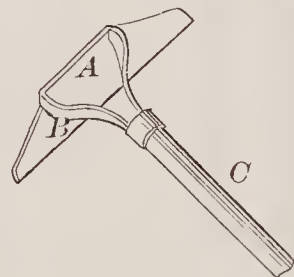
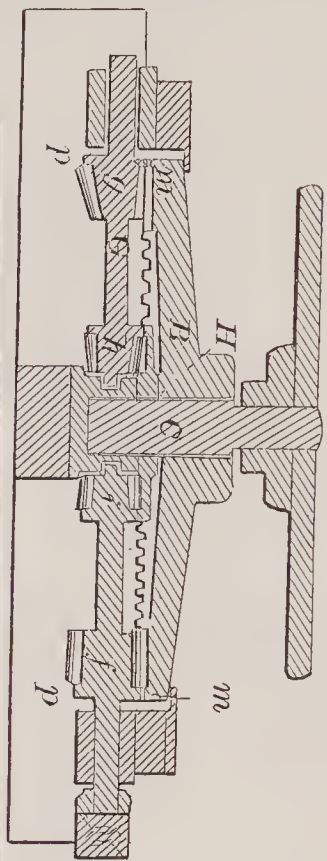


64786—W. H. & G. W. Miller—Breech-Loading Fire Arm.

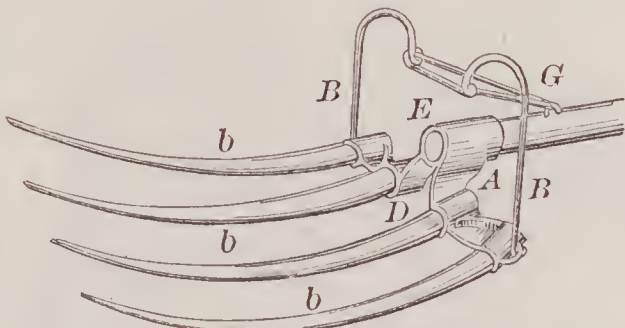


64788—G. Mosman—Carpet Stretcher.

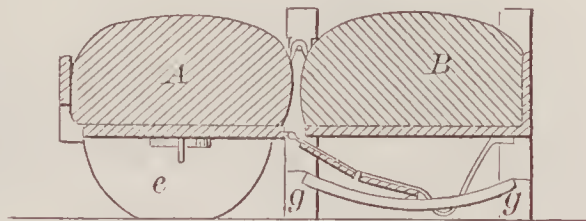


64789—J. Oadhoudt—*Corn Harvester.*64790—N. Palmer—*Bench Plane.*64793—A. Prentiss—*Inhaler.*64796—J. Raddin—*Car Wheel.*64794—A. Prentiss—*Carriage Wheel.*64795—A. Prentiss—*Carriage Wheel.*64797—A. B. Reese—*Harvester.*64792—A. Prentiss—*Hoe.*64791—Powers & Stevens—*Horse Power.*

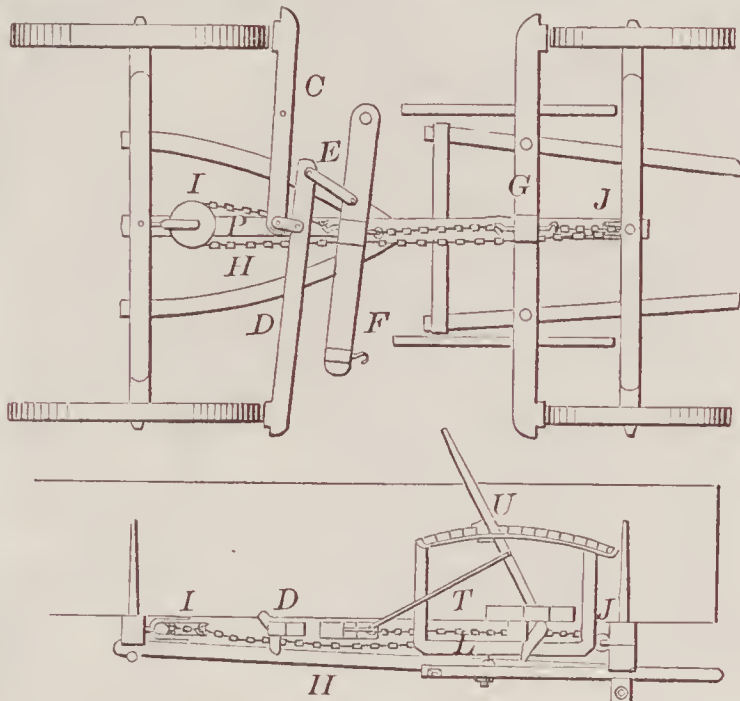
64798—M. C. Remington—*Barley Fork.*



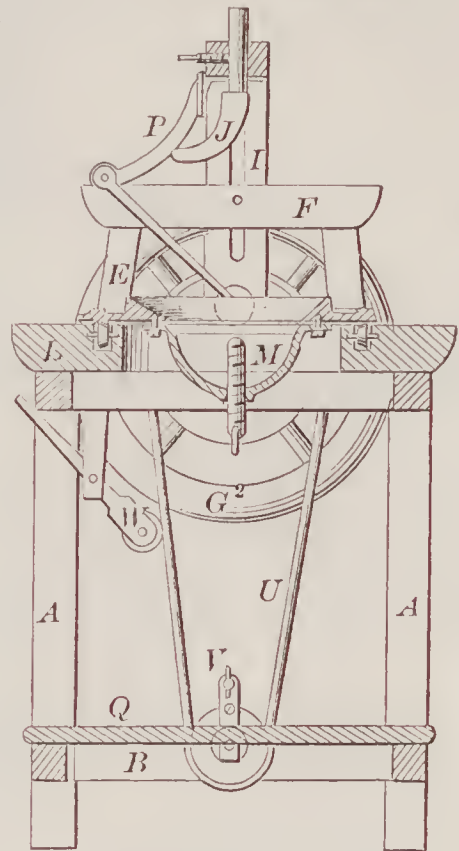
64799—S. R. Roscoe—*Sofa Bedstead.*



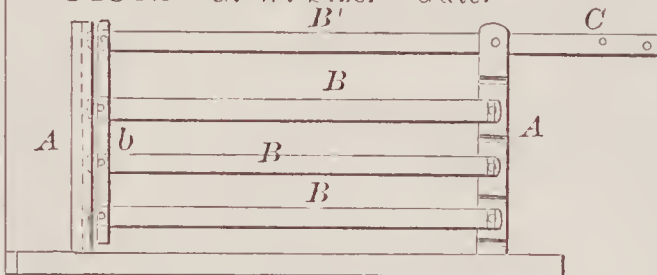
64801—J. F. W. Schultz—*Wagon Brake.*



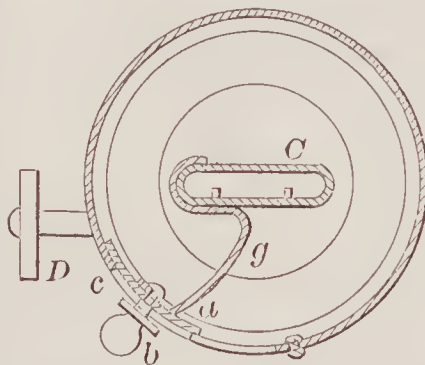
64803—W. E. Skinner—*Butter Worker.*



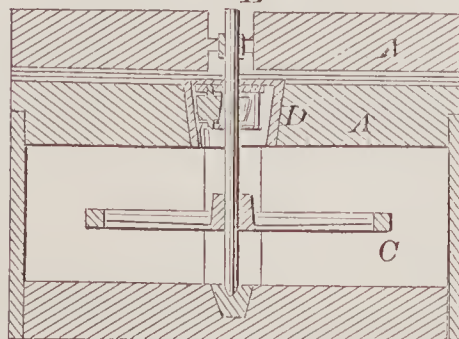
64802—G. W. Sizer—*Gate.*



64804—G. Smith—*Lamp Burner.*

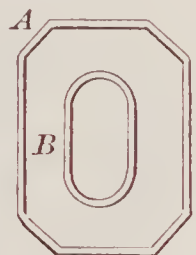


64809—J. H. Teahl—*Bush for Spindles for Mills.*

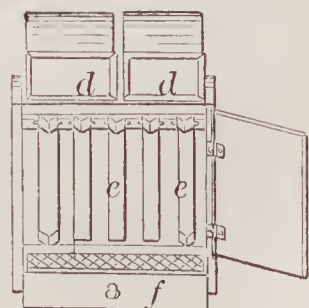
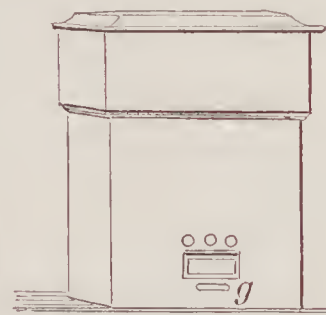


64807—O. Stietz—*Making*

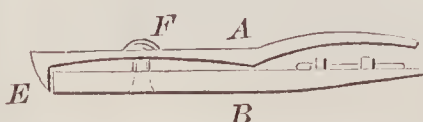
Glass Letters, Numbers, &c.



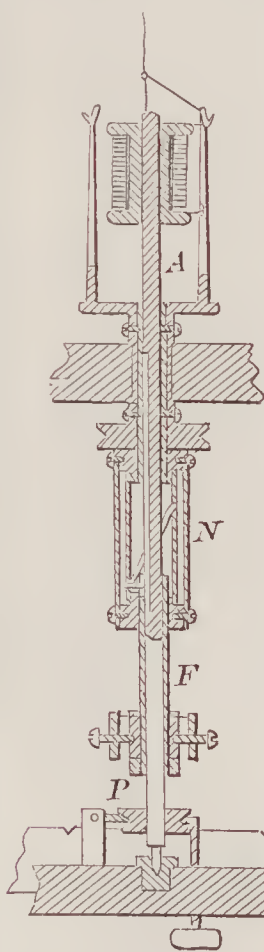
64806—S. Stevens—*Beehive.*

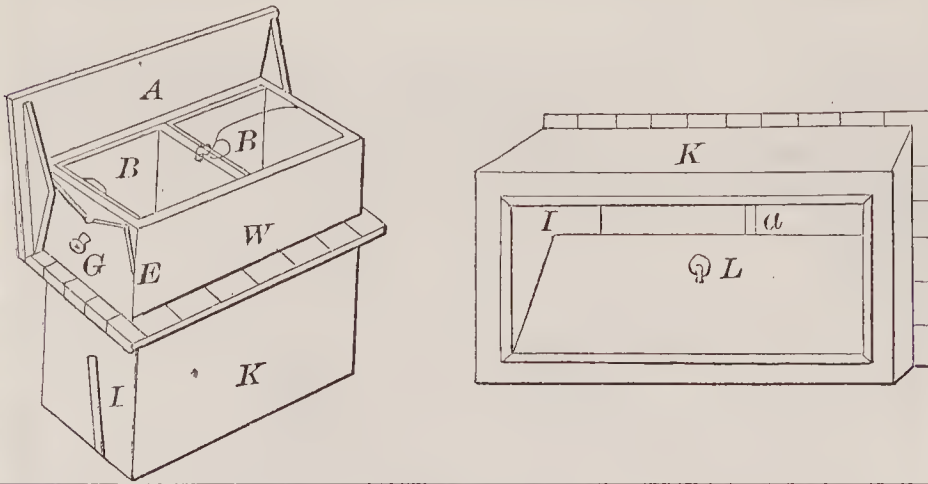
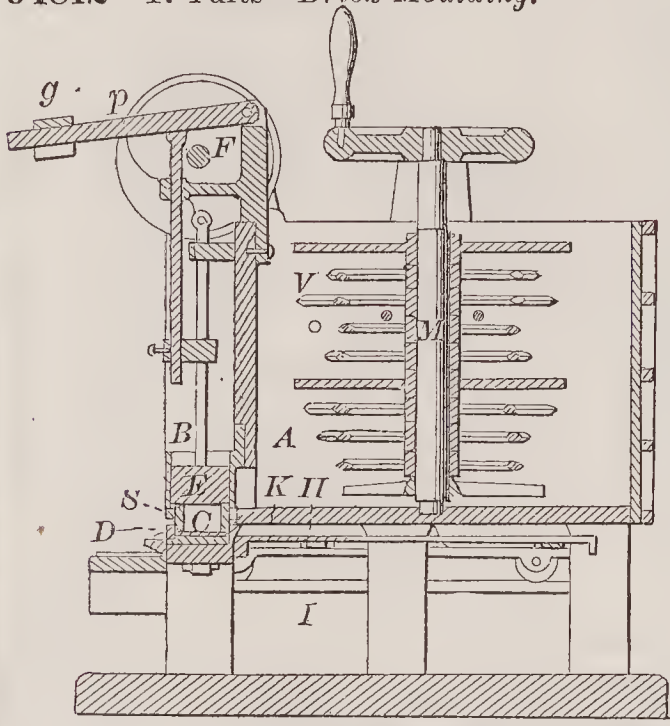
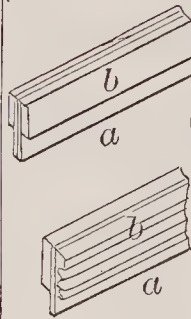
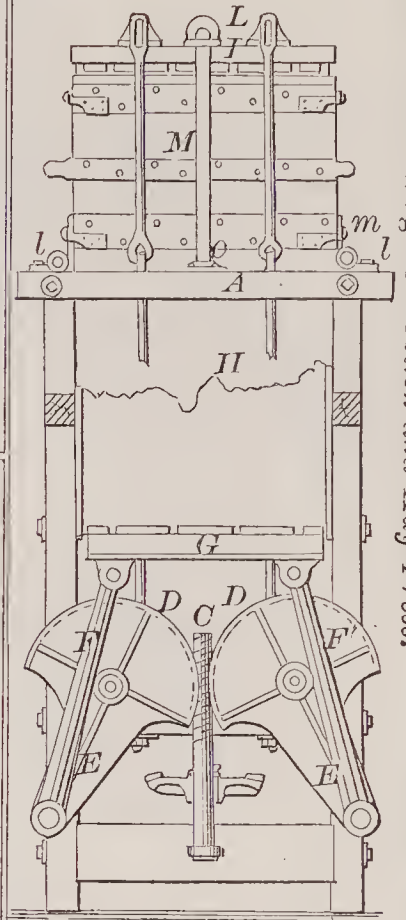
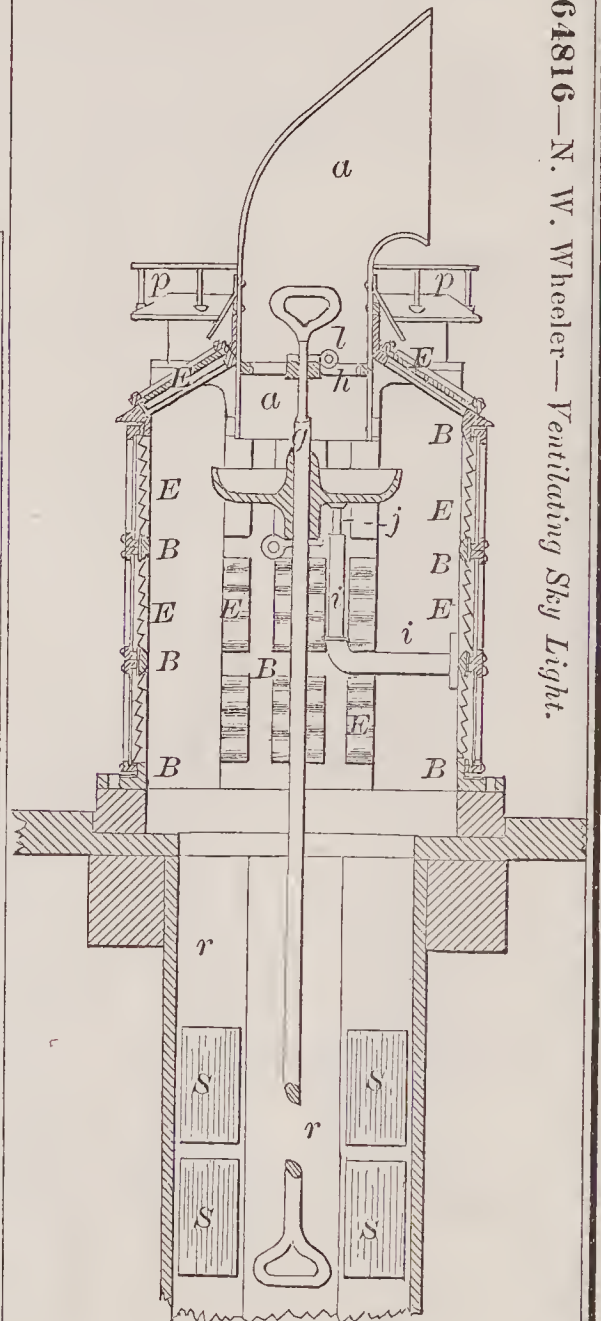
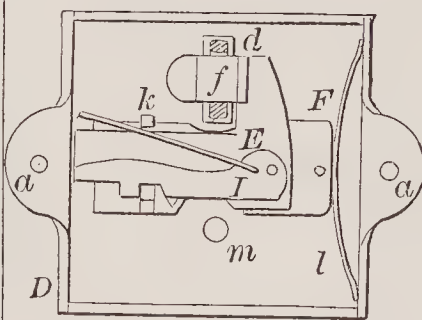
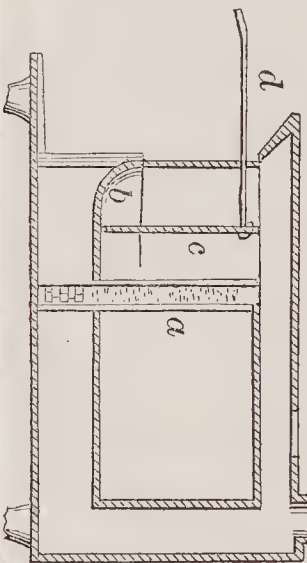
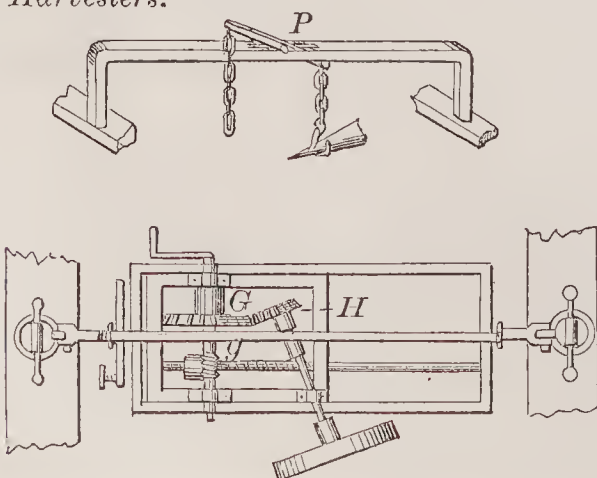


64808—H. N. Taft—*Door Fastener.*

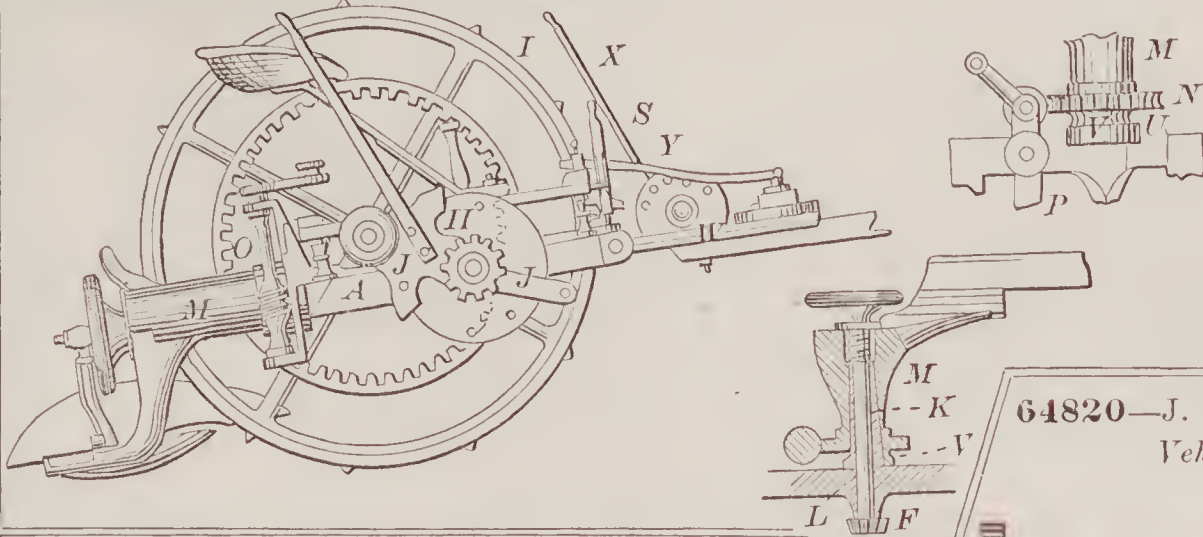


64800—J. M. Ryo-Catteau—*Spindle for Spinning Machines.*

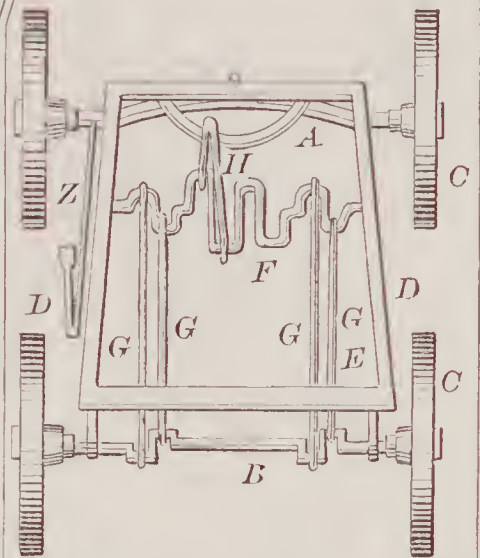


64810—D. D. Templeton—*Garbage Box.*64812—T. Tufts—*Brick Moulding.*64811—E. S. Torrey—*Weather Strip.*64814—C. Ph. Wagner—*Cotton and Hay Press.*64816—N. W. Wheeler—*Ventilating Sky Light.*64813—L. Uitting—*Trunk Lock.*64815—M. J. Wellman—*Protecting Water Backs in Ranges.*64817—H. Whitall—*For Grinding the Cutters of Harvesters.*

64818—W. N. Whitely, Jr.—Harvester.



64820—J. G. Wilkison—Vehicle.



64819—W. N. Whitely, Jr.—Harvester Rake.

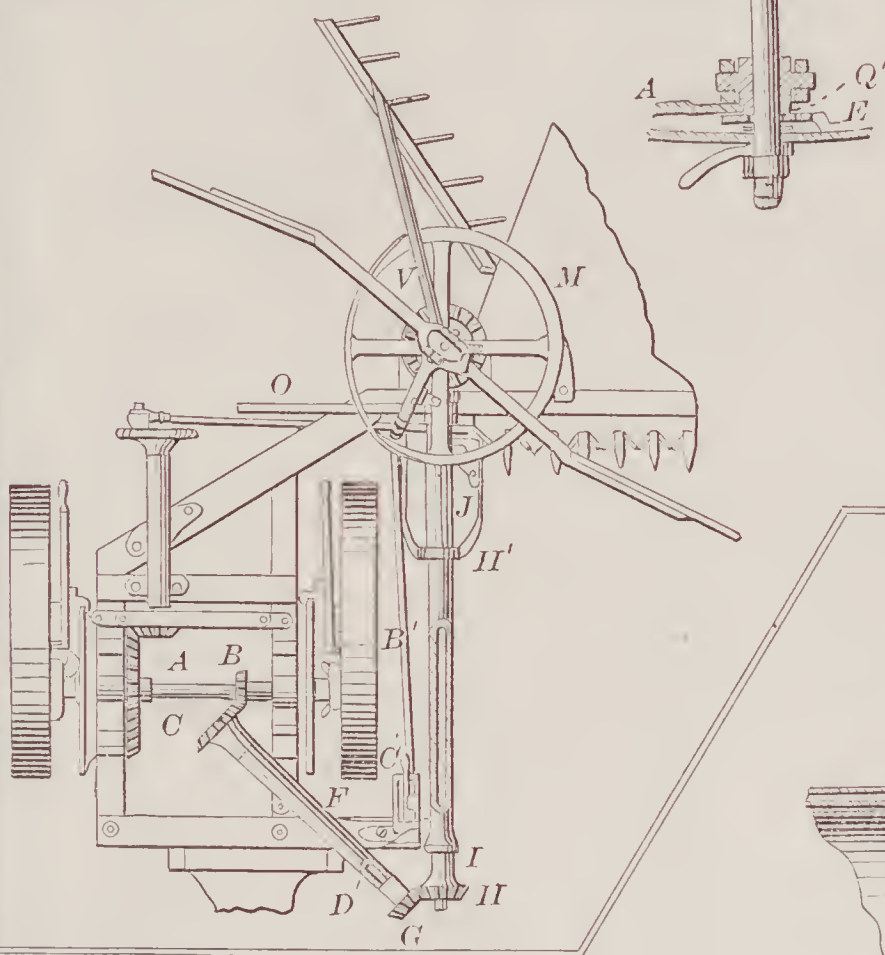
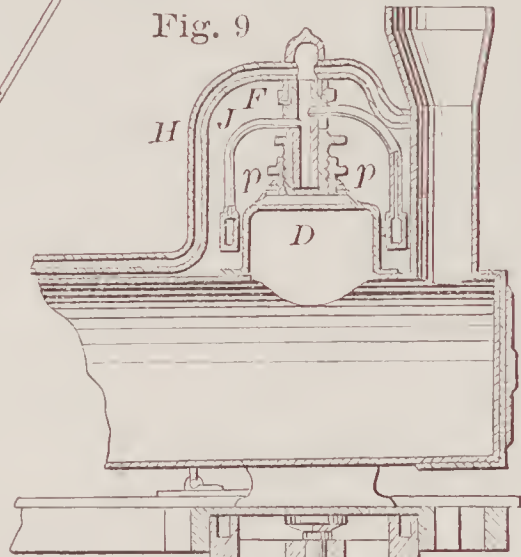


Fig. 9



64821—J. P. Woodbury—Locomotive Truck and Engine.

Fig. 5

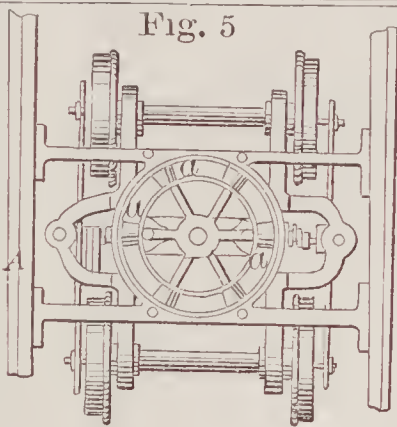


Fig. 3 N w

Fig. 8

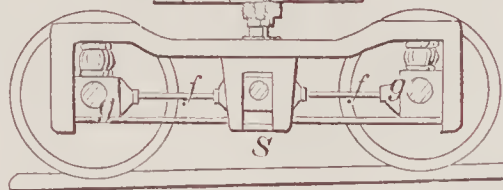
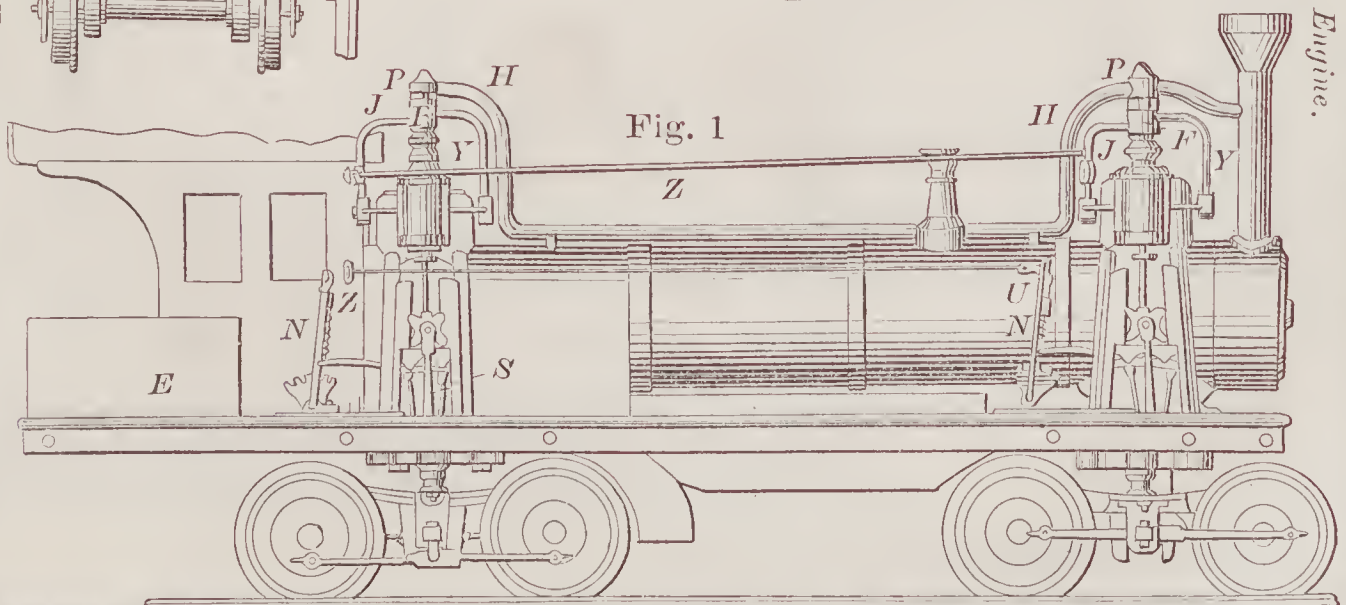
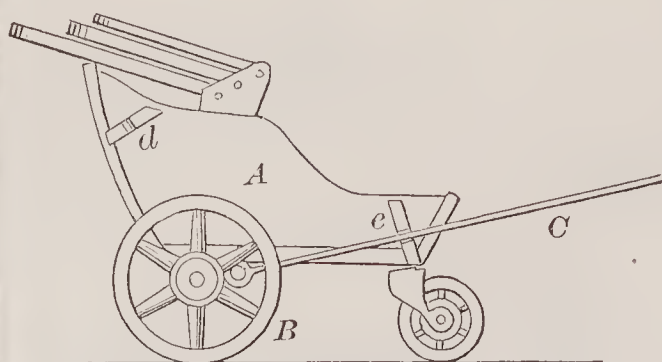
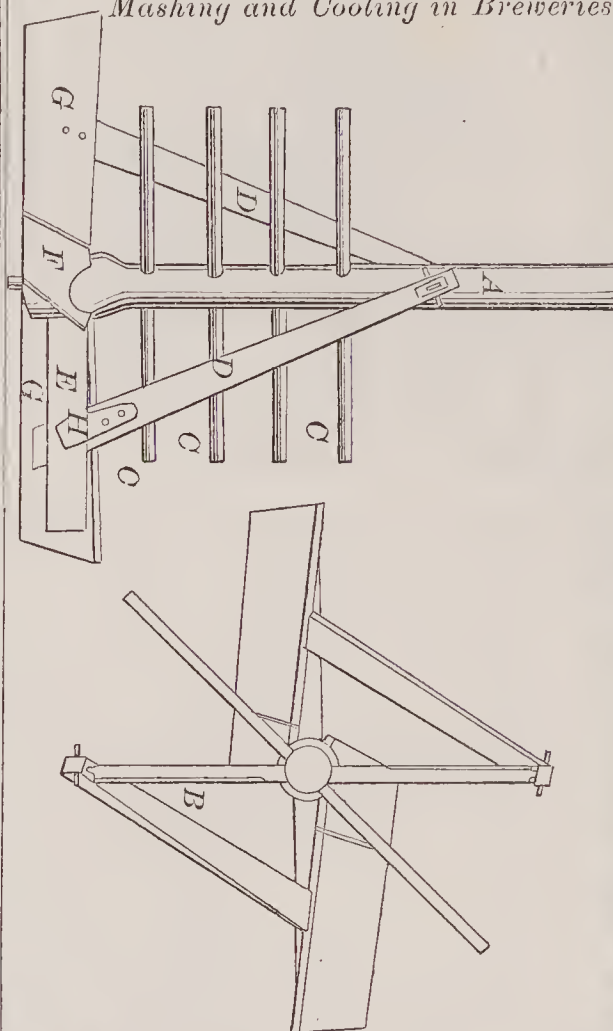
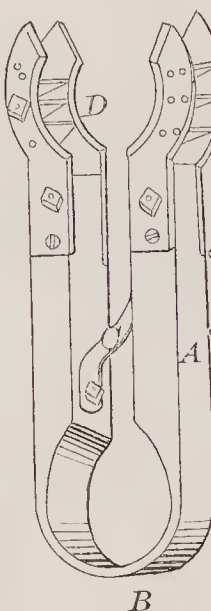
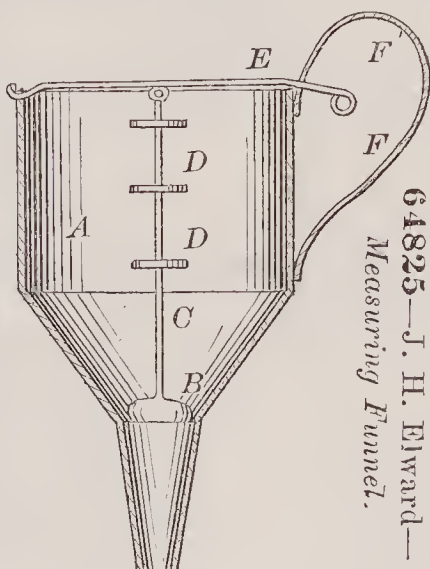
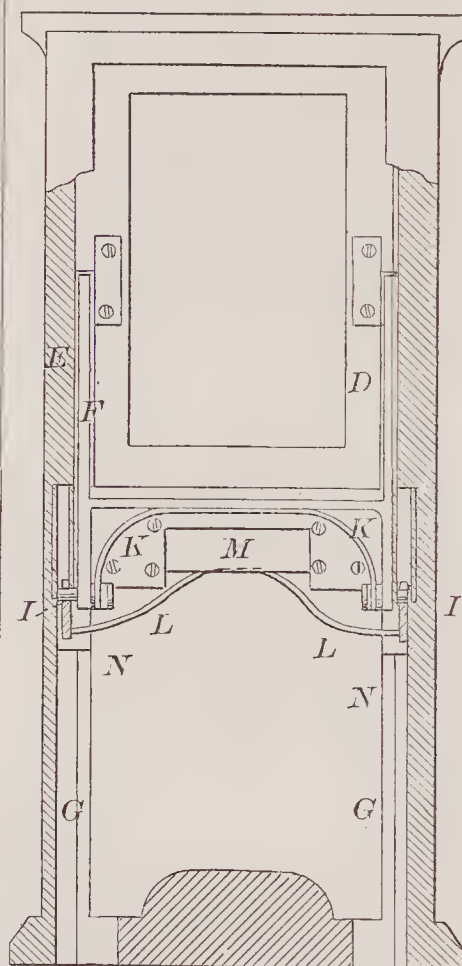
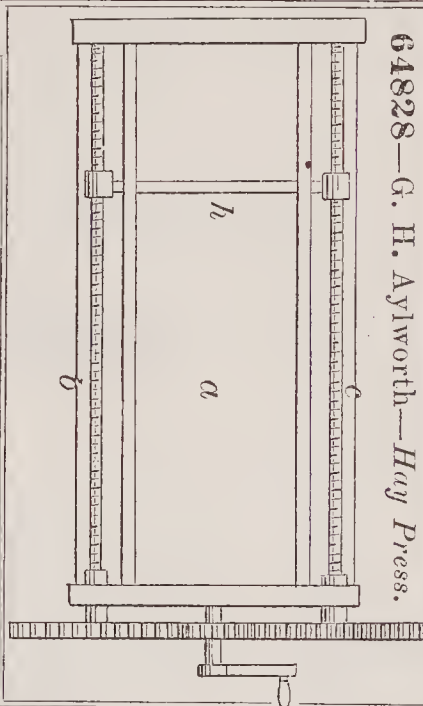
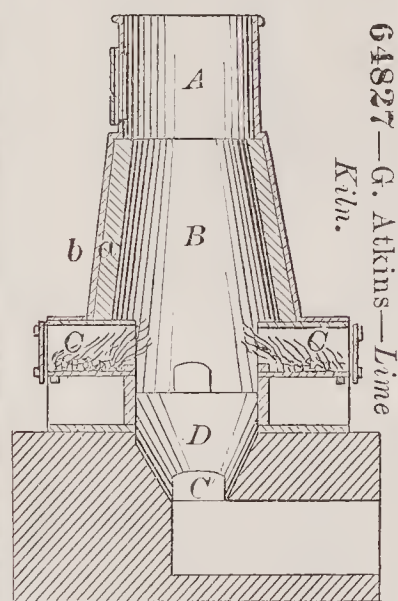
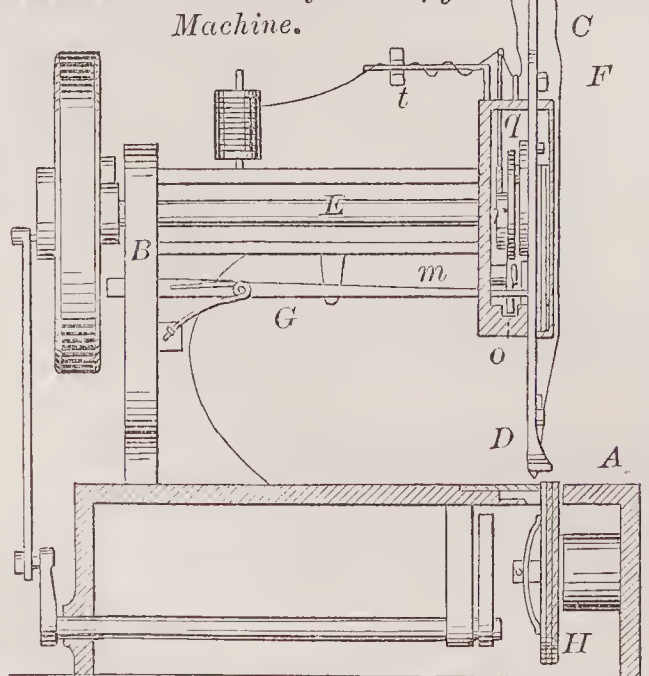
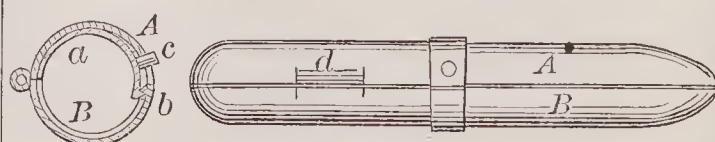
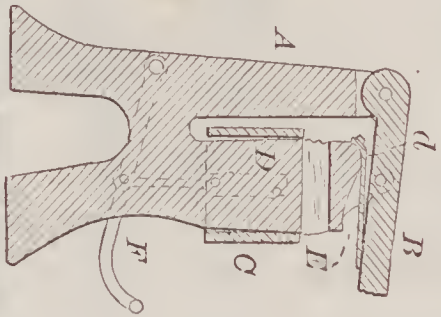


Fig. 1

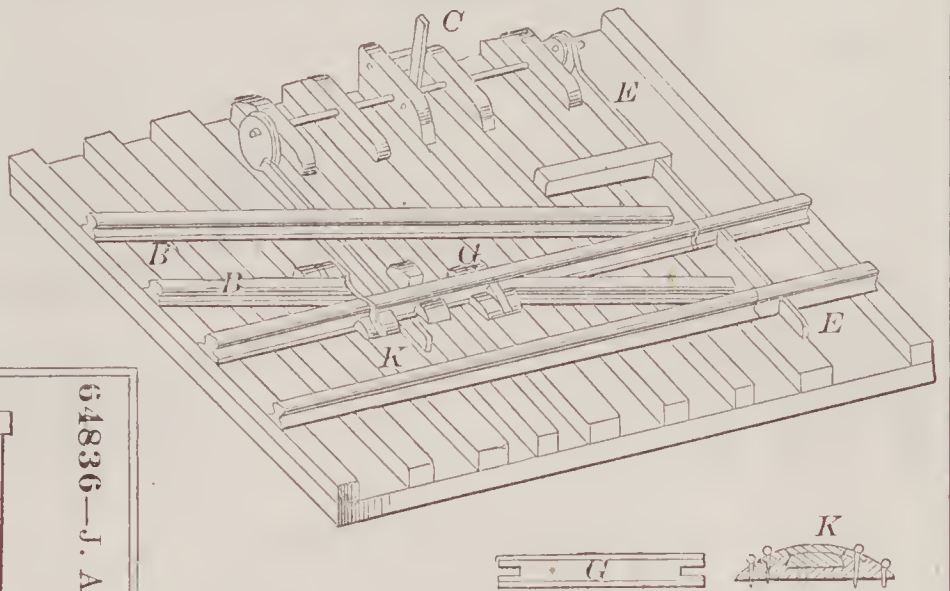


64822—S. S. Woodruff—*Baby Carriage.*64824—Yingling & Poorman—*For Mashing and Cooling in Breweries.*64823—J. B. Worsham—*Tobacco Belting Knife.*64825—J. H. Elward—*Measuring Funnel.*64829—F. Baker—*Carriage Window Frame.*64828—G. H. Aylworth—*Hay Press.*64827—G. Atkins—*Line Kilo.*64830—R. Barclay—*Sewing Machine.*64826—C. Appel—*For Holding Cigars.*

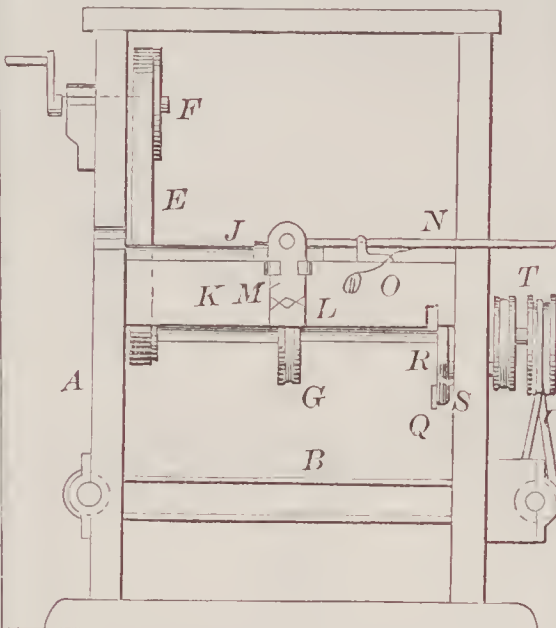
64832—A. Bridges—Peat Machine.



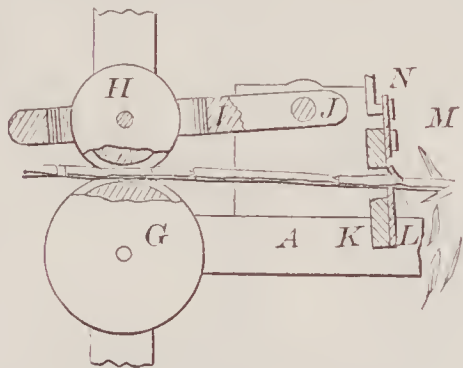
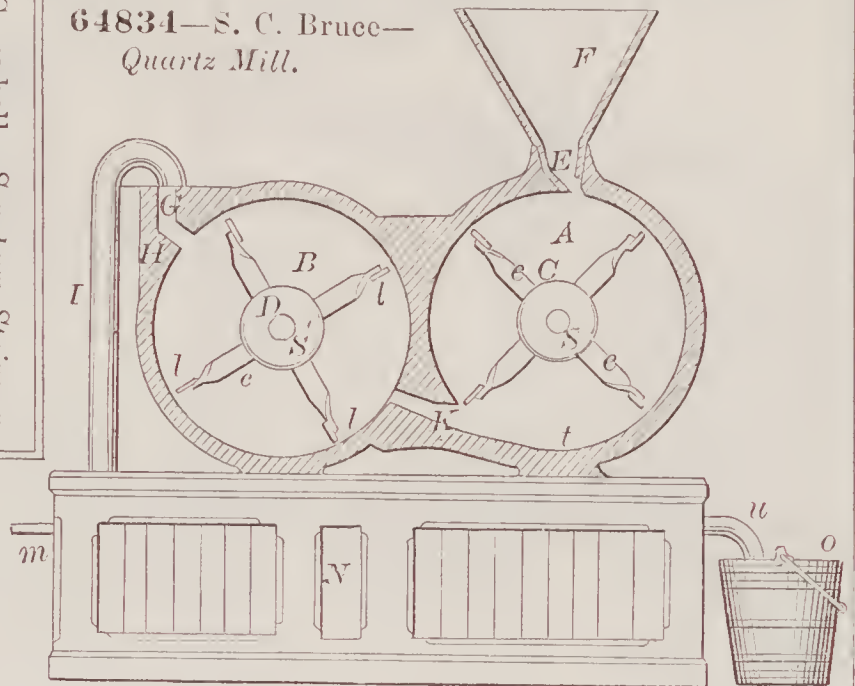
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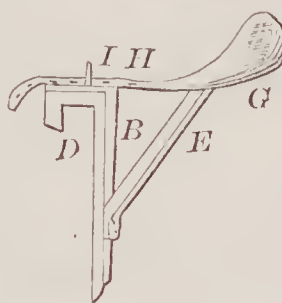
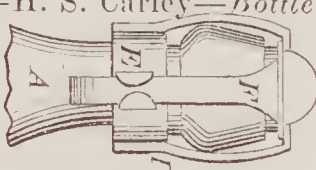
64836—J. A. Campbell—Sorghum Stripper.



64834—S. C. Bruce—Quartz Mill.

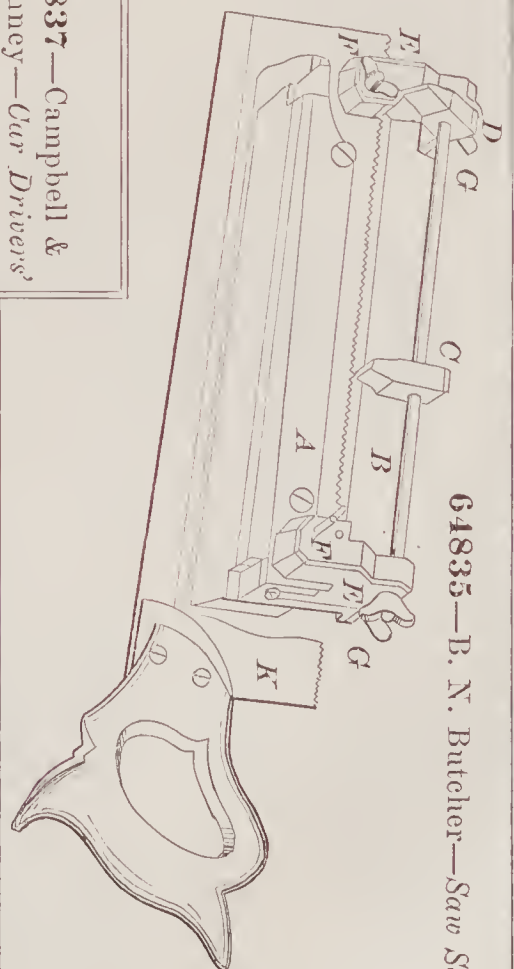
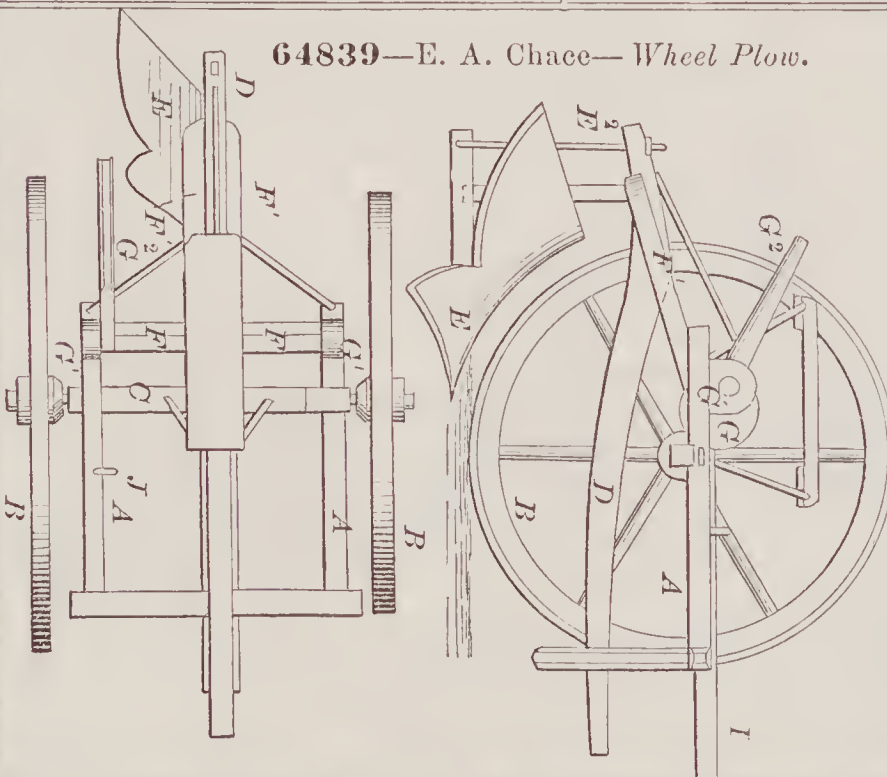


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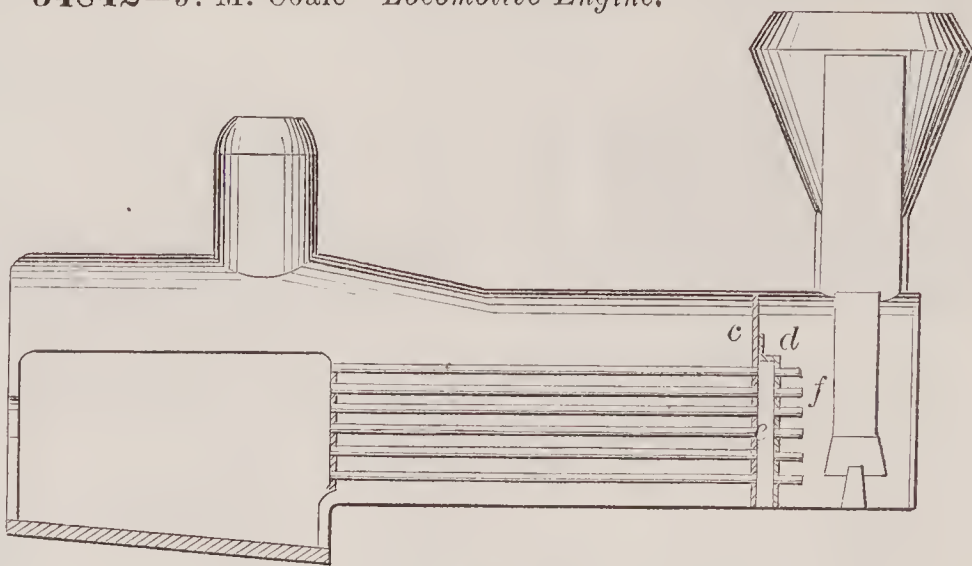
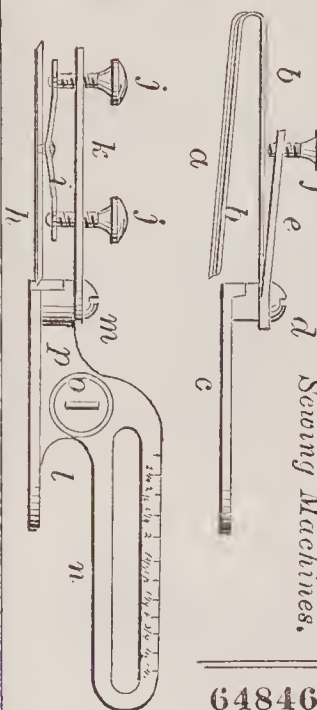
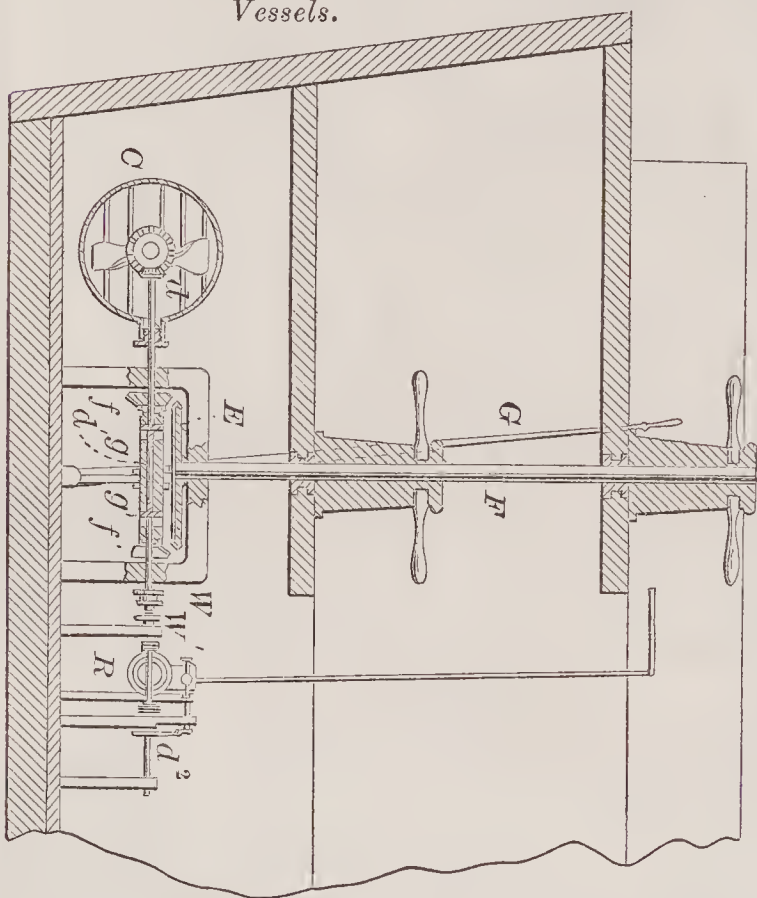
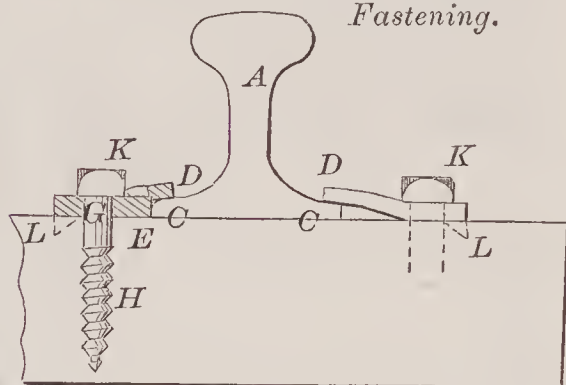
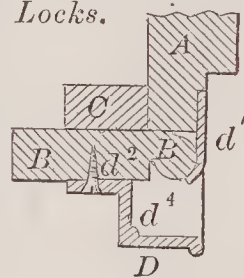
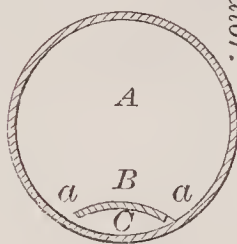
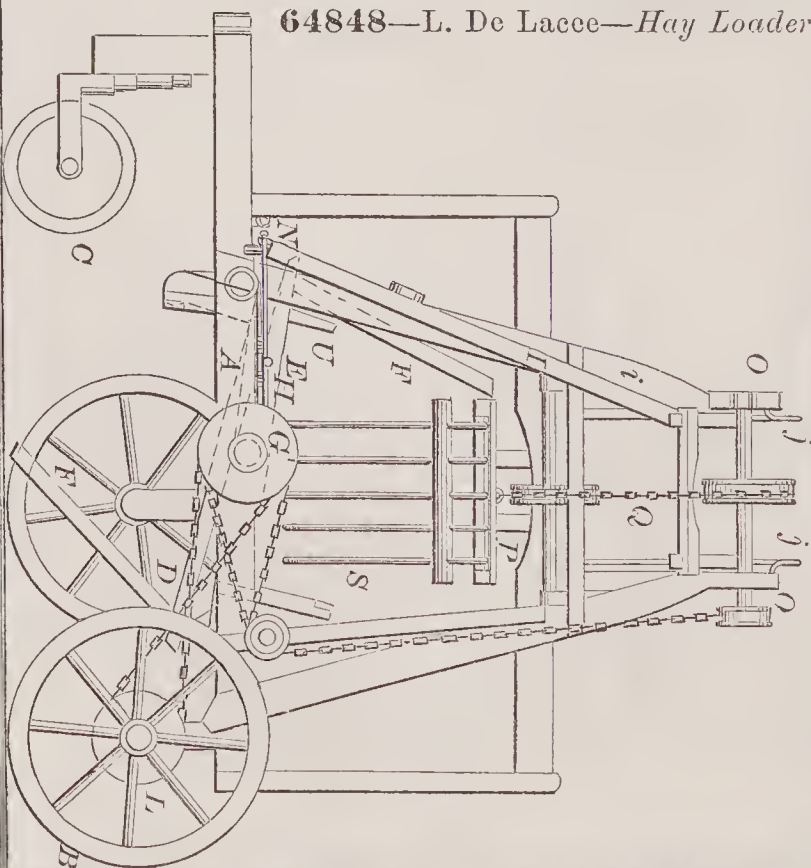
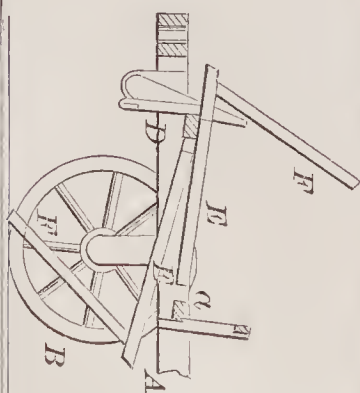
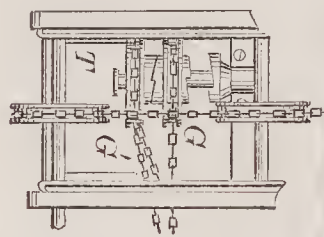


64837—Campbell & Tinney—Car Driver's Seat.

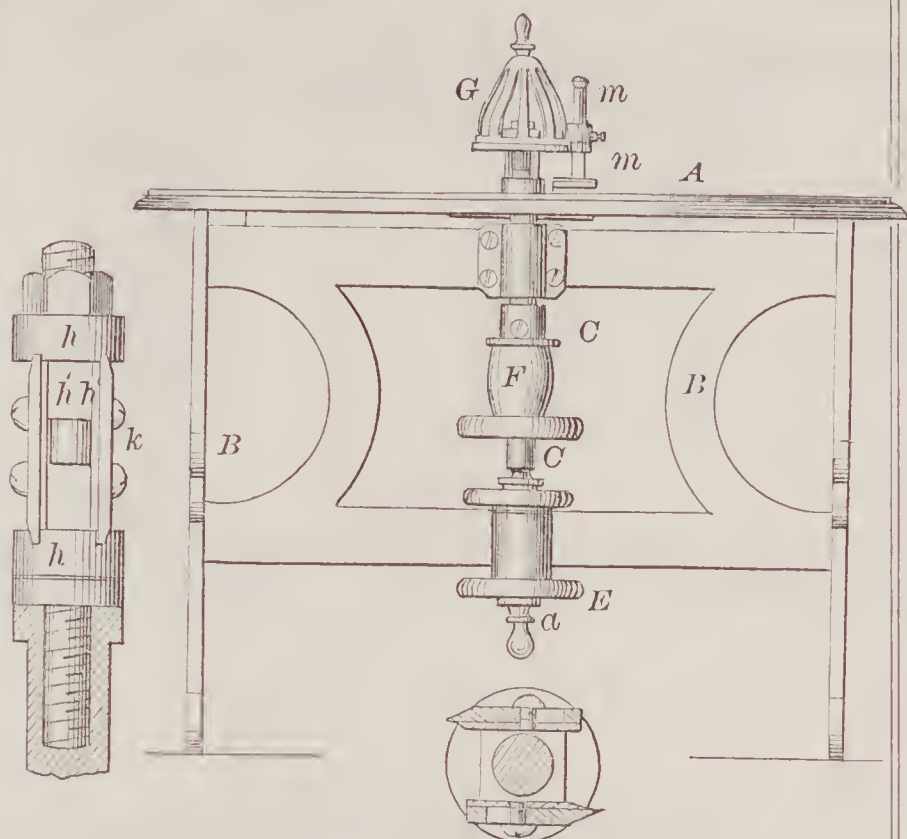
64839—E. A. Chace—Wheel Plow.



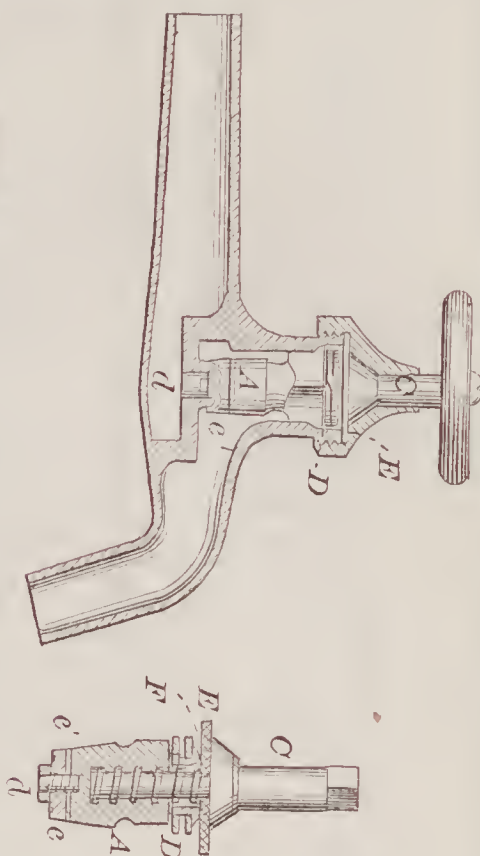
64835—B. N. Butcher—Saw Set.

64842—J. M. Coale—*Locomotive Engine.*64840—G. F. Clemens—*Cloth Guide for Sewing Machines.*64846—R. Creuzbaur—*For Steering Vessels.*64843—J. Cochrane—*Railroad Fastening.*64847—
G. W. Da Cunha—*Keeper for Door Locks.*64844—S. M. Colburn—*Steam Generator.*64848—L. De Lacce—*Hay Loader.*64841—Clifford & Bell—*Deodorizer for Privy Seats.*

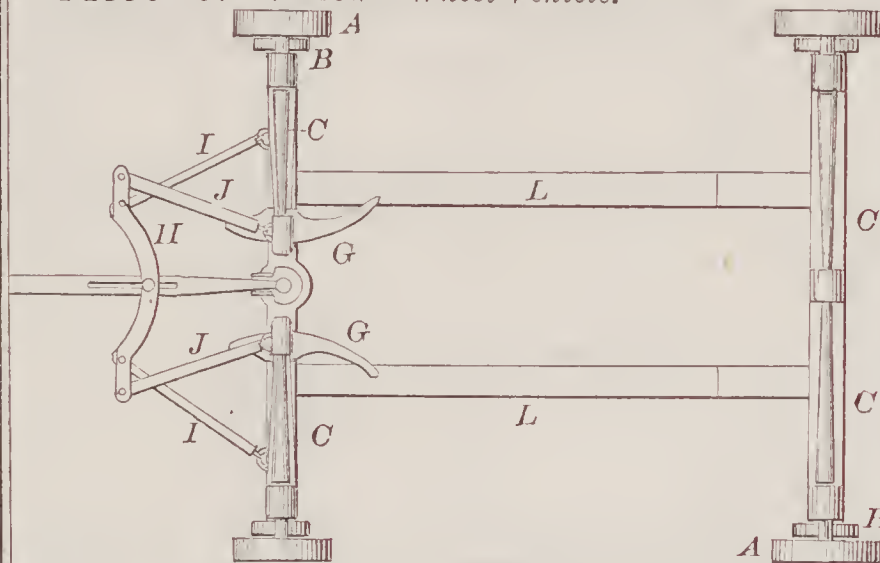
64849—Doane, Orton & London—*Planing Machine.*



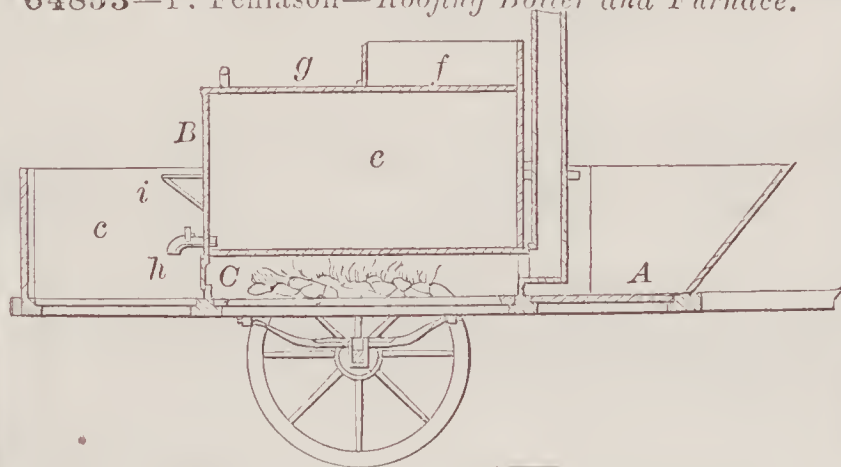
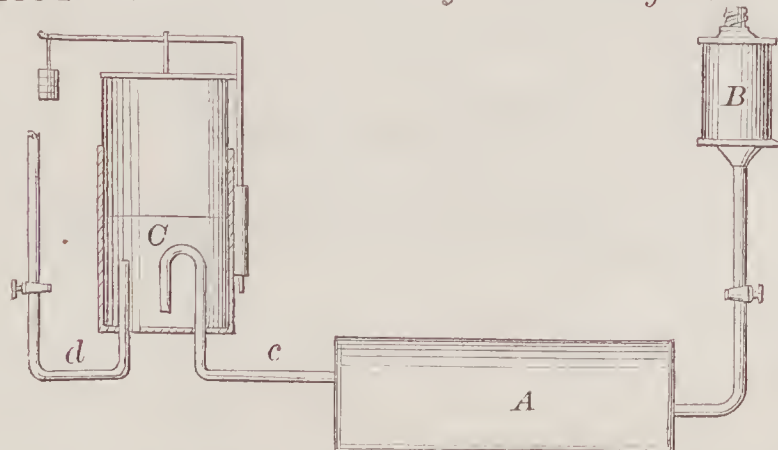
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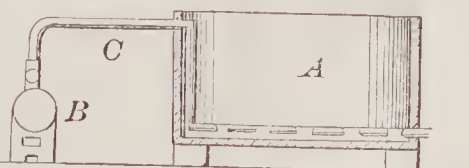
64850—J. W. Drew—*Wheel Vehicle.*



64853—P. Fenslon—*Roofing Boiler and Furnace.*

64854—B. L. Fetherolf—*Stove for Generating Gas.*

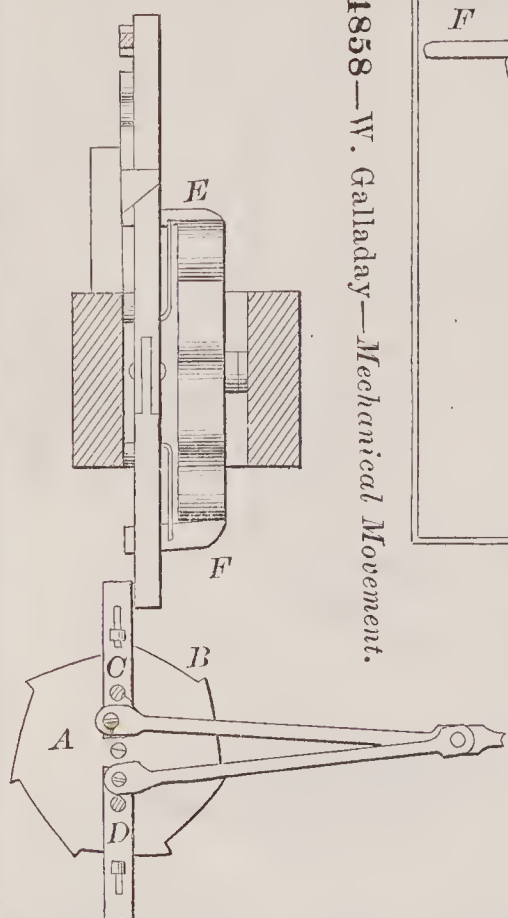
64855—P. G. Finn—*Putting
up Oil in Casks, &c.*



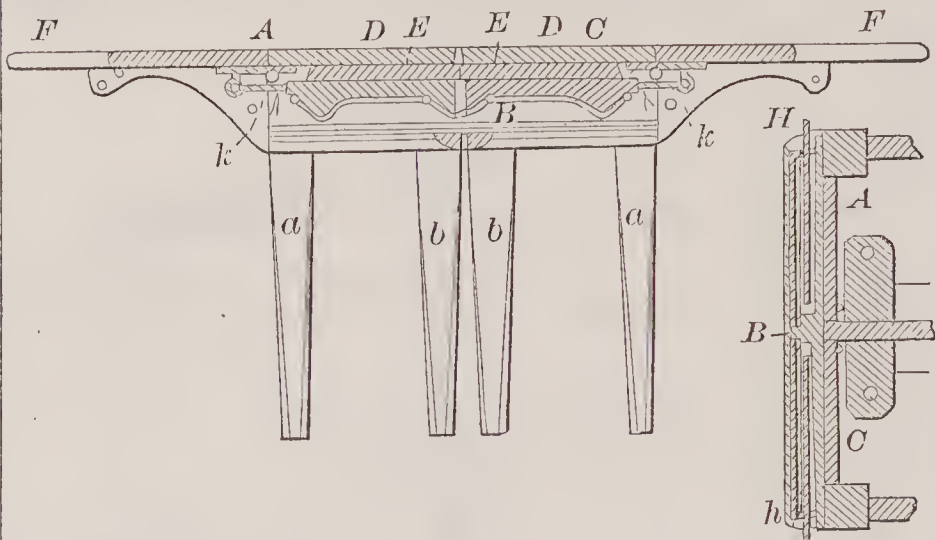
64852—J. A. Ehle—*Converting Rectilinear into Rotary Motion.*



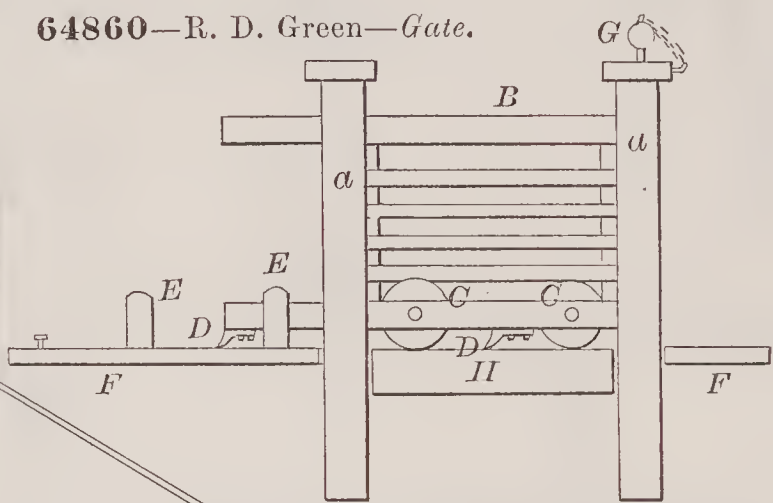
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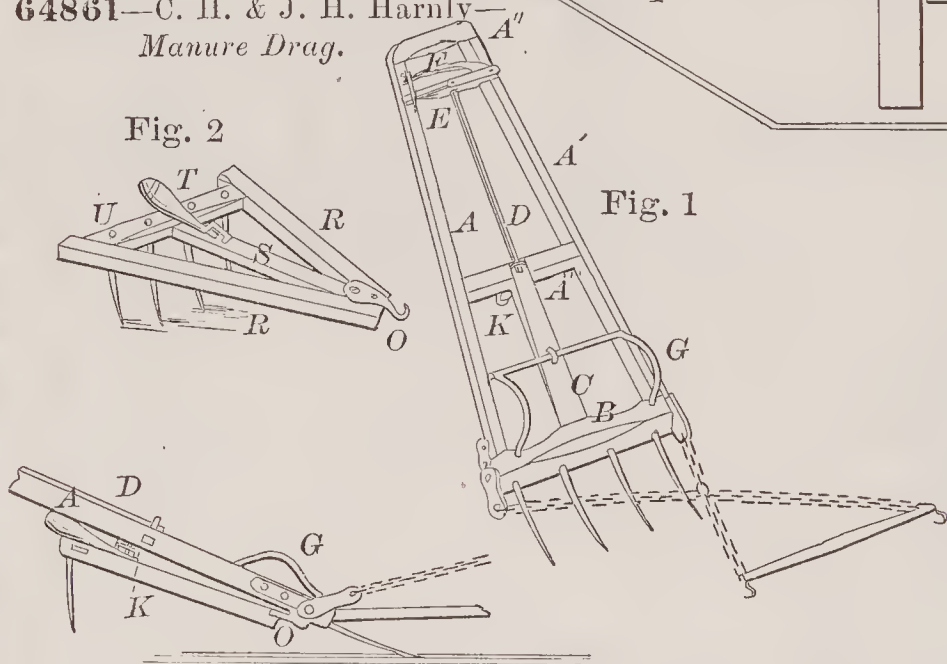
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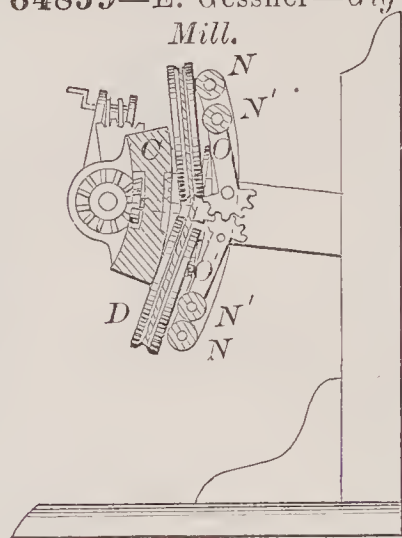
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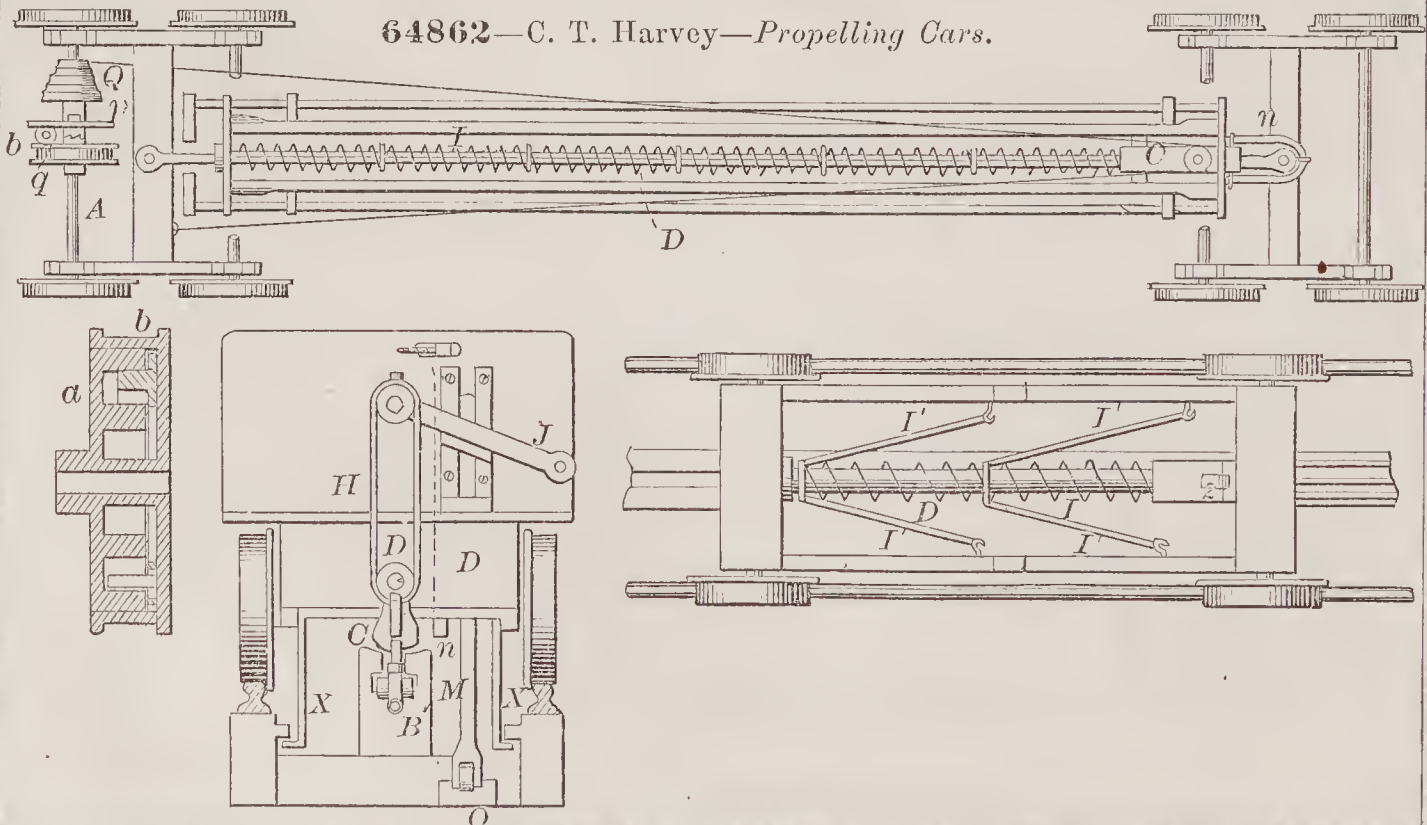
64861—C. H. & J. H. Harnly—Manure Drag.



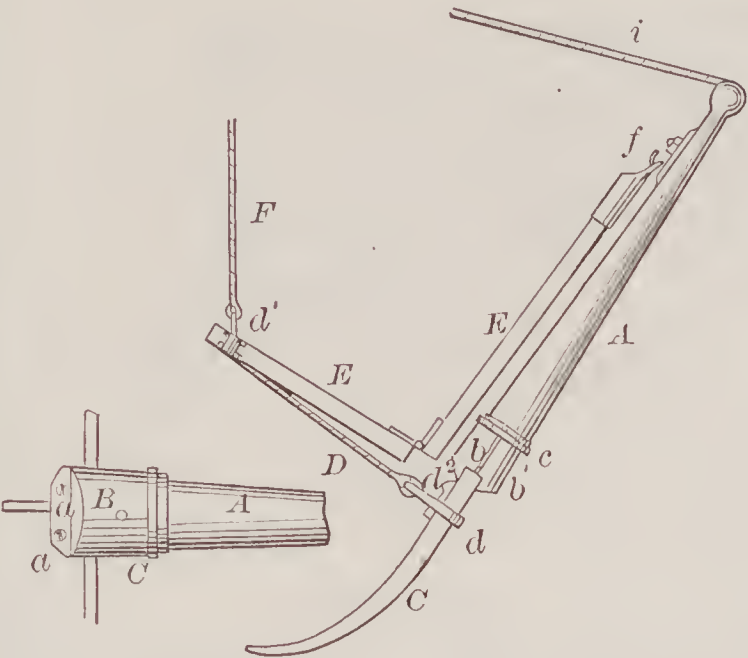
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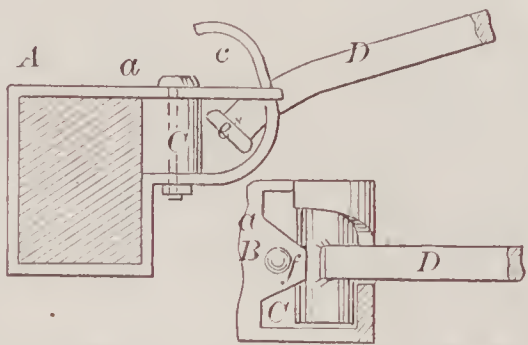
64862—C. T. Harvey—Propelling Cars.



64863—H. H. Hatheway—*Horse Hay Fork.*



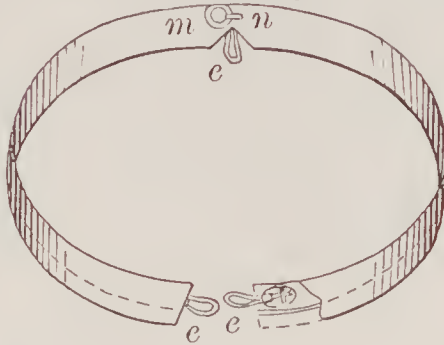
64865—T. Hersee, Jr.—*Attaching Thills to Vehicles.*



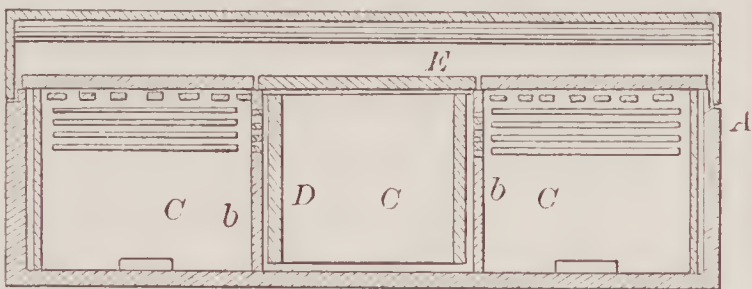
64866—B. T. Henry—*Carriage Spring.*



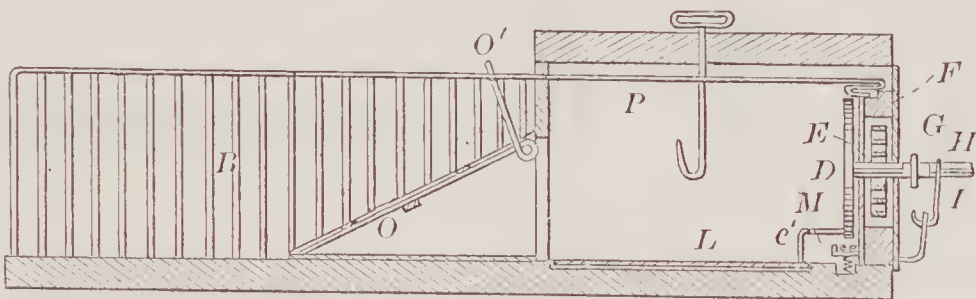
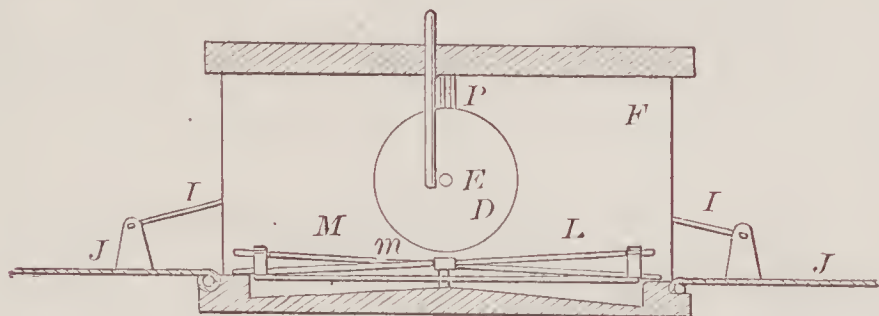
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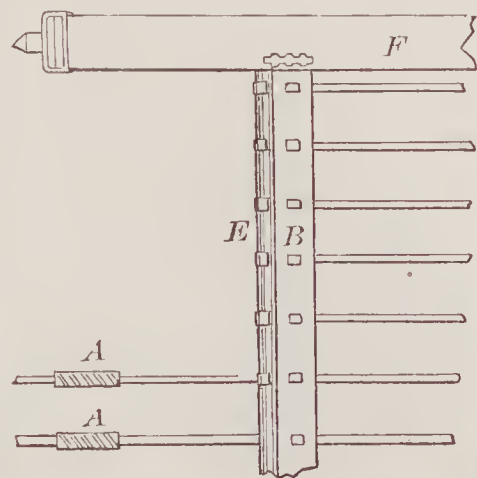
64864—B. S. & E. H. Haviland—*Beehive.*



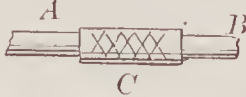
64869—J. W. Hollingsworth—*Animal Trap.*



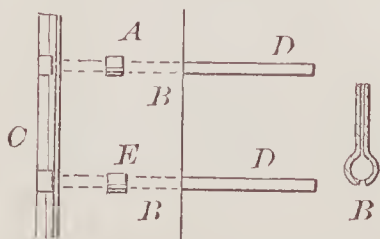
64870—W. E. Houston—*Hoop Skirt.*



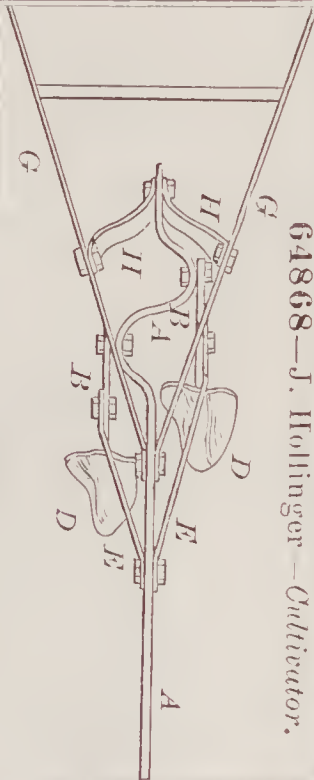
64871—W. E. Houston—*Hoop Skirt Clasp.*



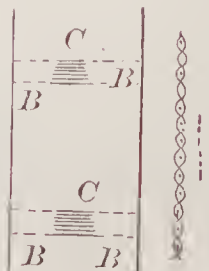
64872—W. E. Houston—*Hoop Skirt Tape.*



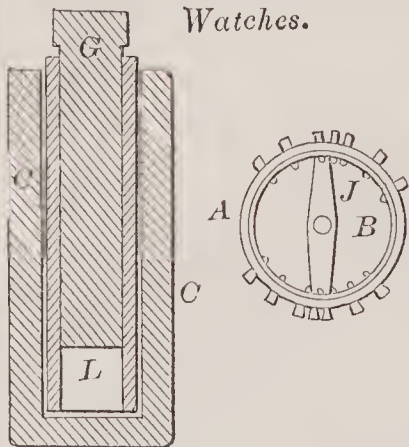
64868—J. Hollinger—*Cultivator.*



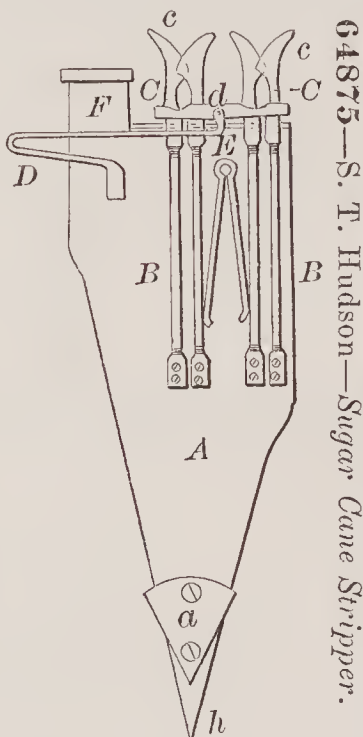
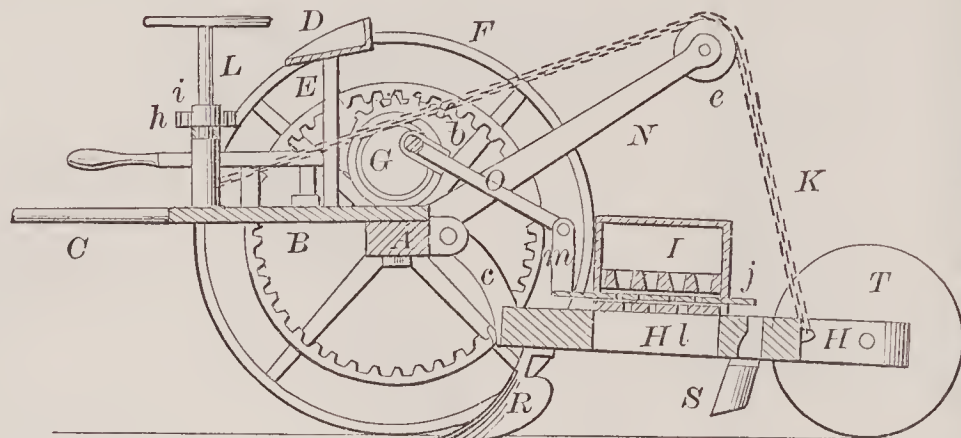
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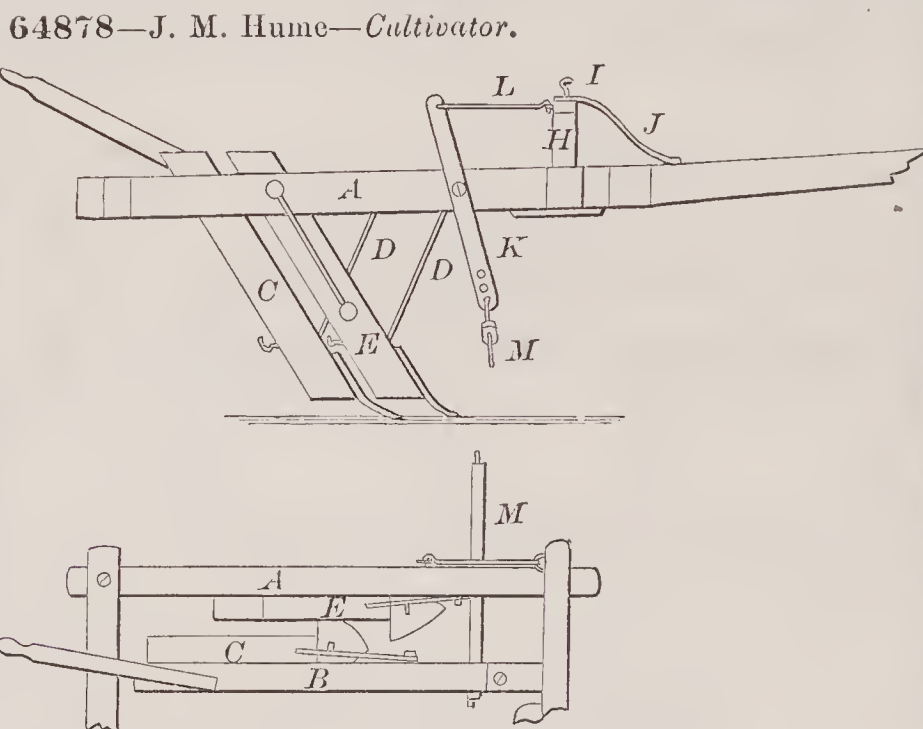
64874—E. Howard—*Balance Wheel for Watches.*



64877—D. H. Hull—*Seed Planter.*

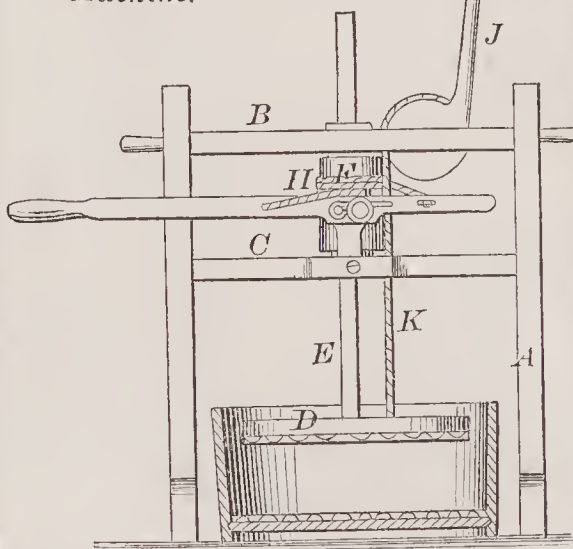


64875—S. T. Hudson—*Sugar Cane Stripper.*

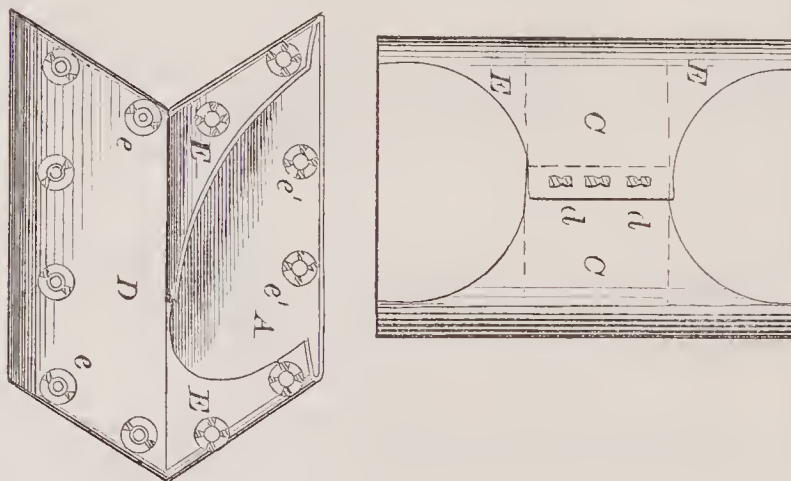


64878—J. M. Hume—*Cultivator.*

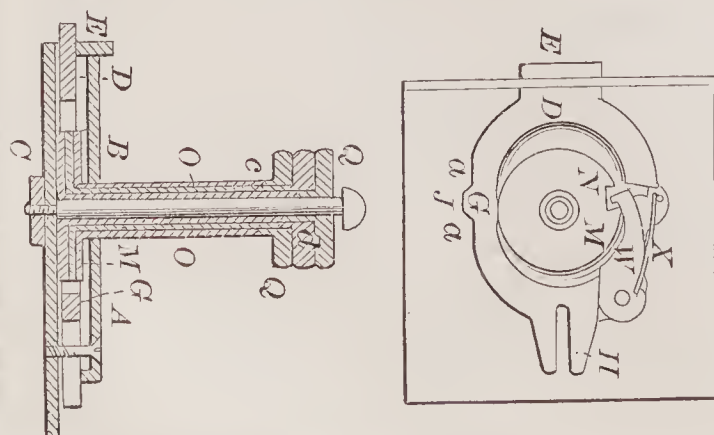
64876—G. R. Hughes—*Washing Machine.*



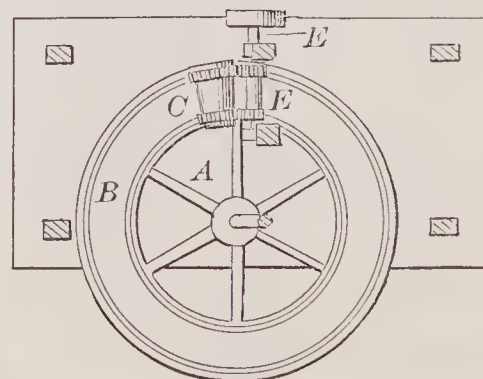
64879—R. S. Jennings—*Envelope.*



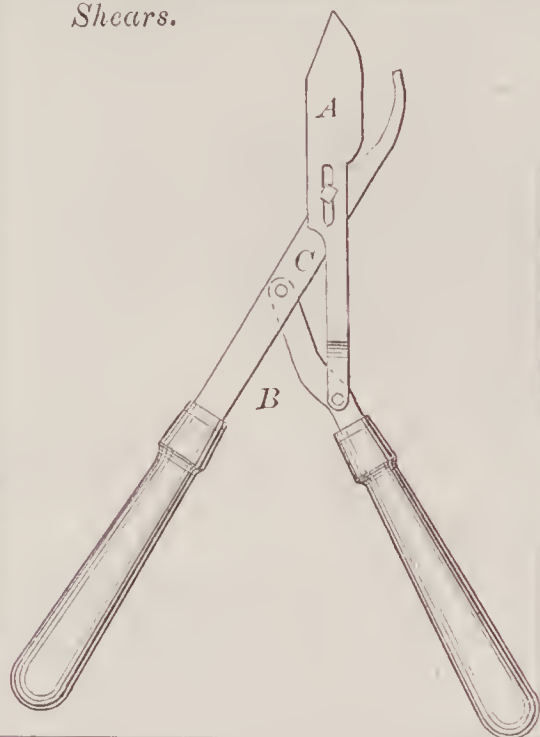
64880—Johnson & Thompson—*Permutation Lock.*



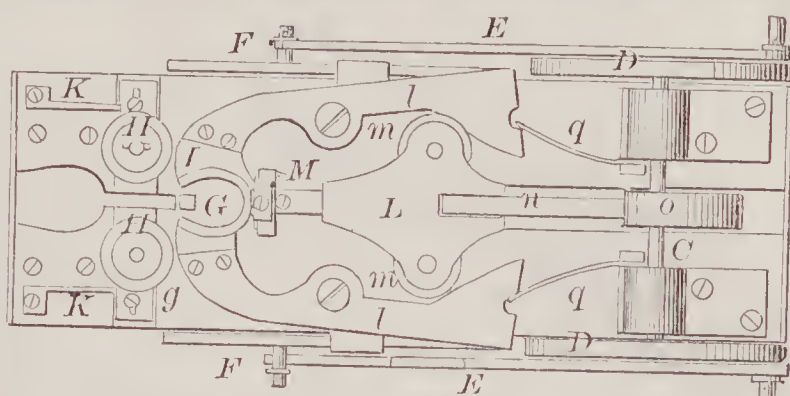
64881—W. B. Jones—*Motive Power.*



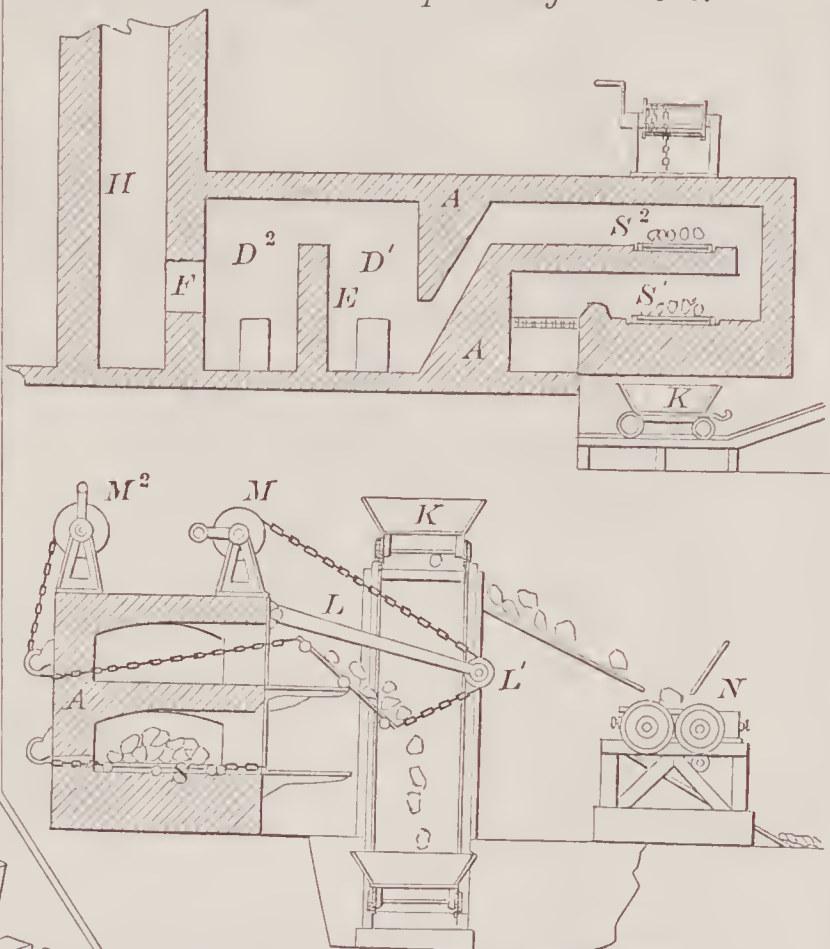
64882—P. Keck—*Pruning Shears.*



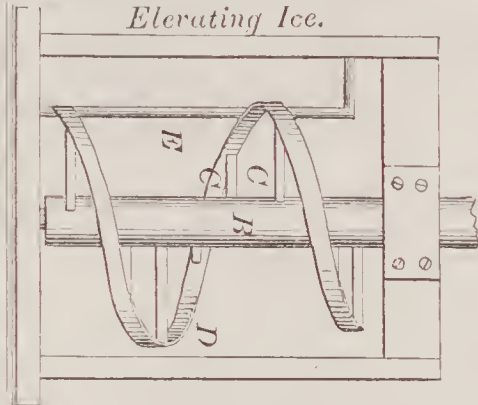
64883—J. W. Kingsbury—*Horse Shoe Machine.*



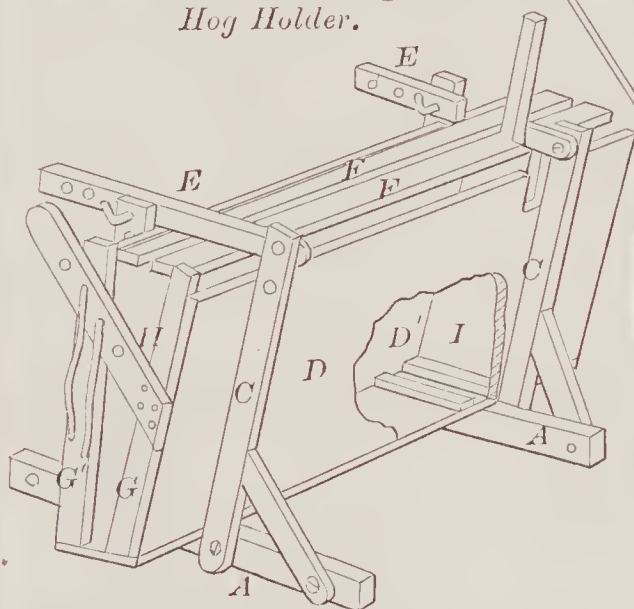
64887—J. Little—*Desulphurizing Iron Ore.*



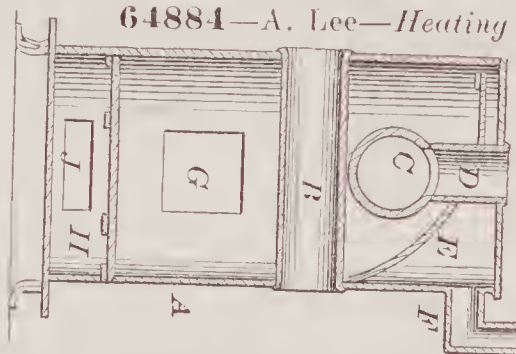
64886—H. Little—*For Elevating Ice.*



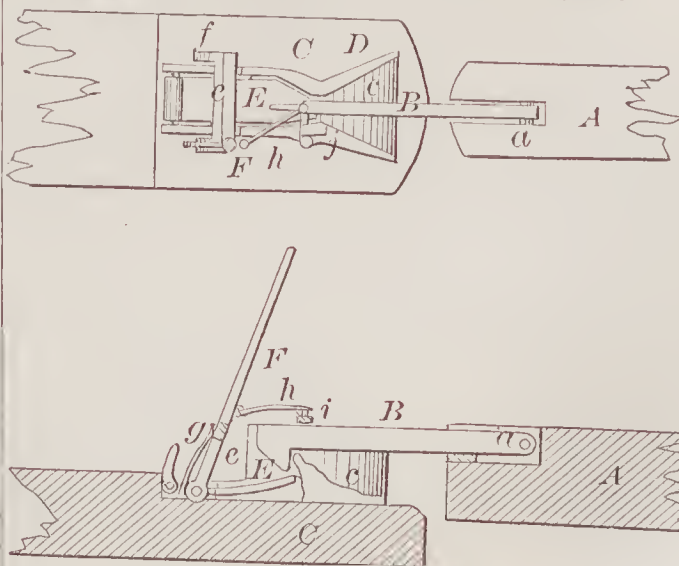
64885—W. & C. Leffingwell—*Hog Holder.*



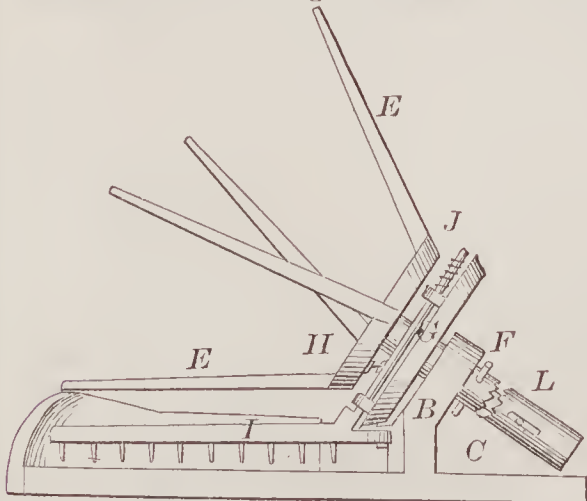
64884—A. Lee—*Heating Stove.*

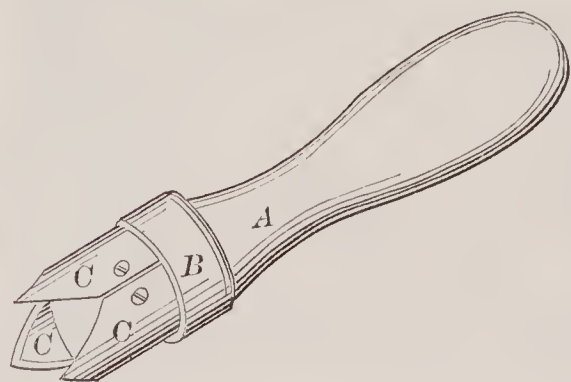
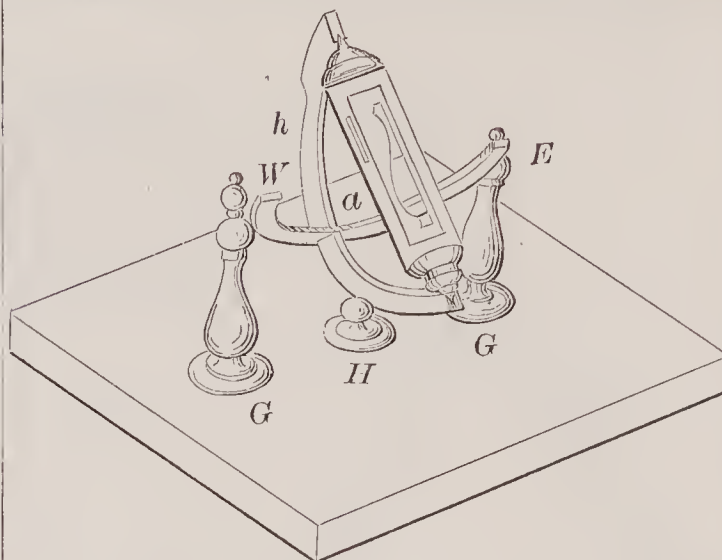
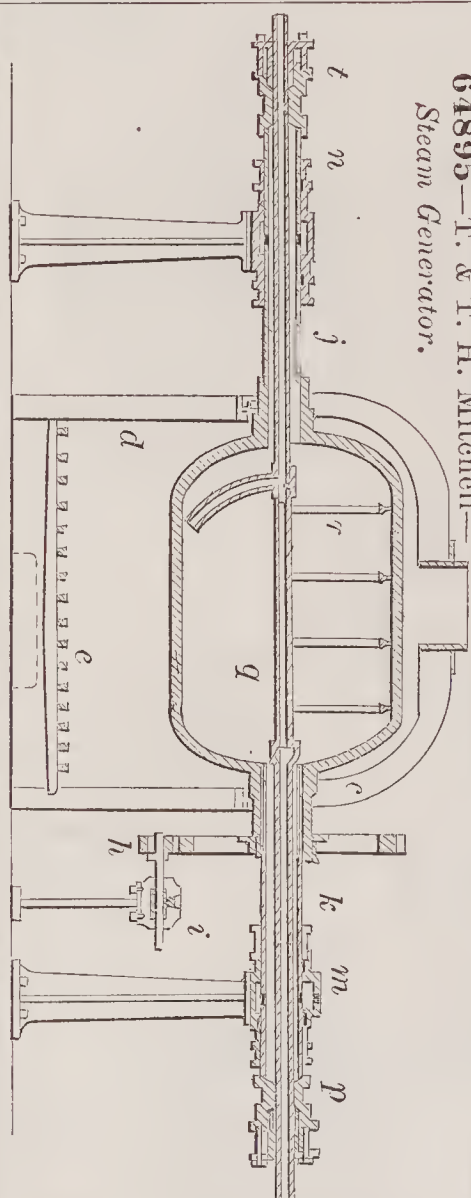
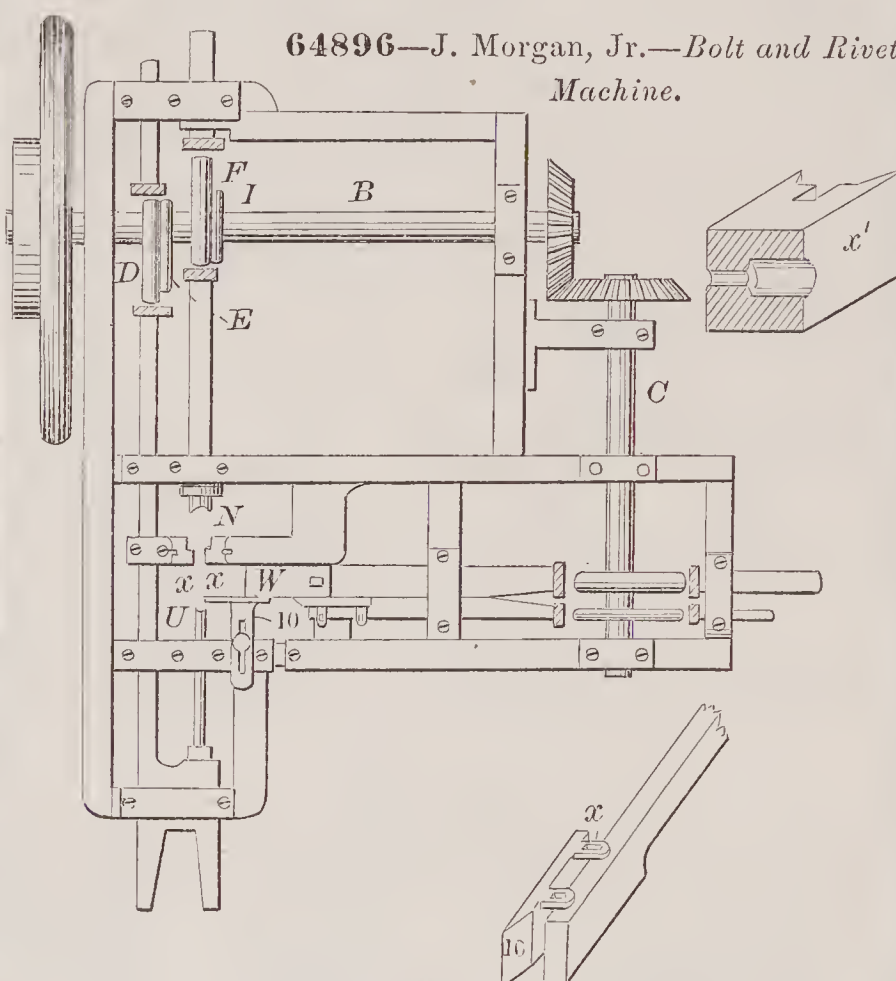
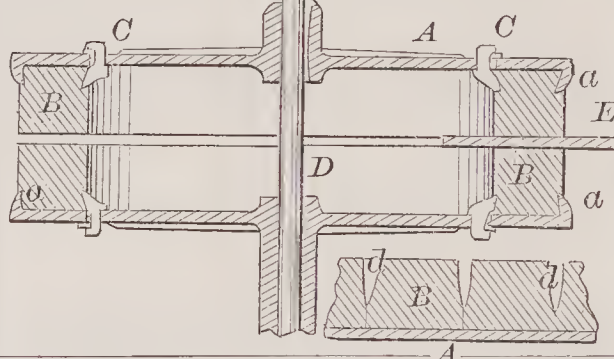
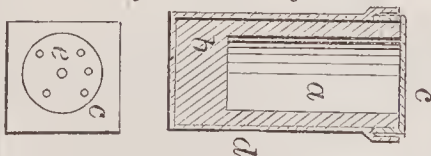
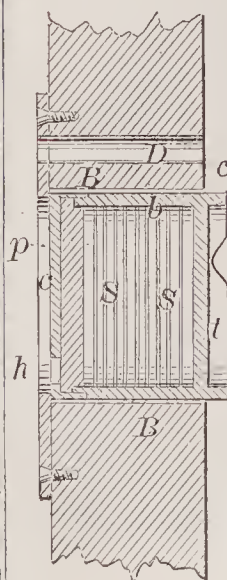
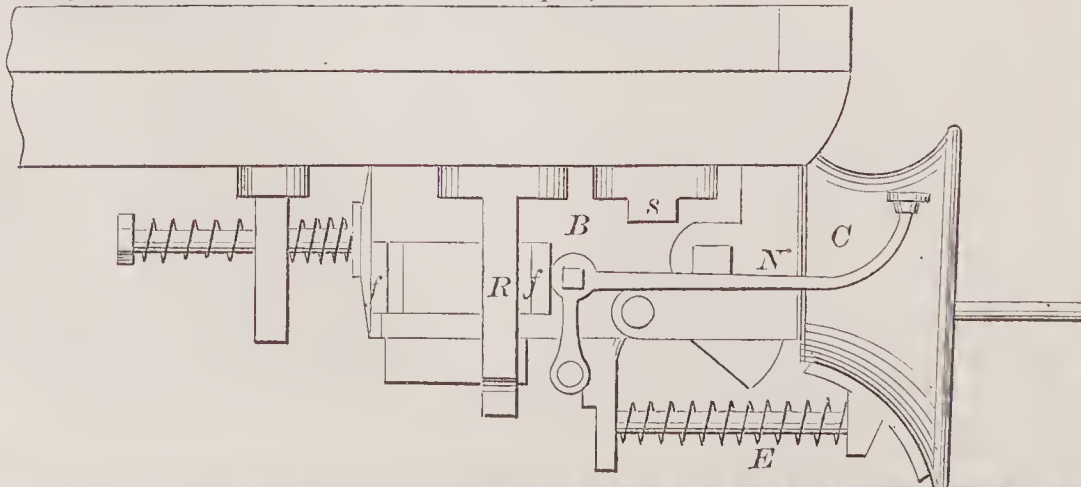


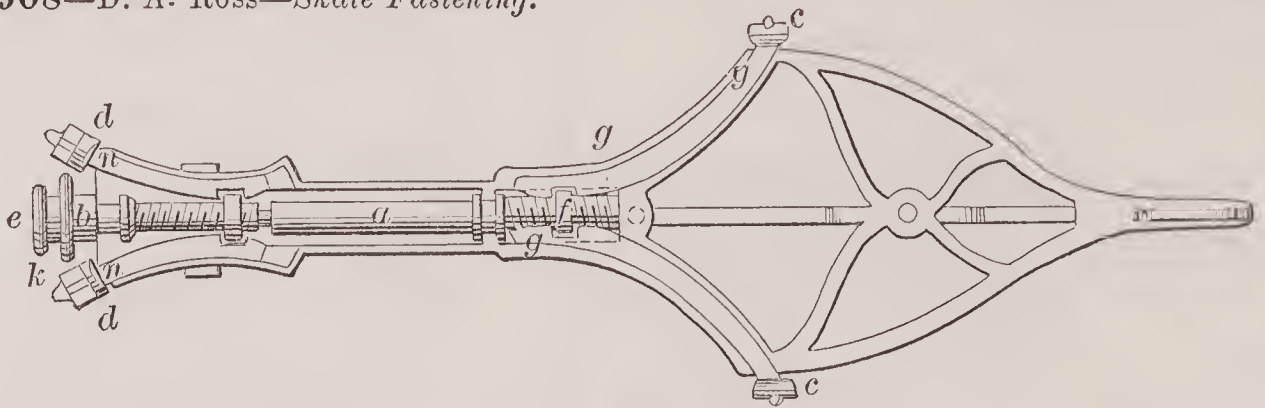
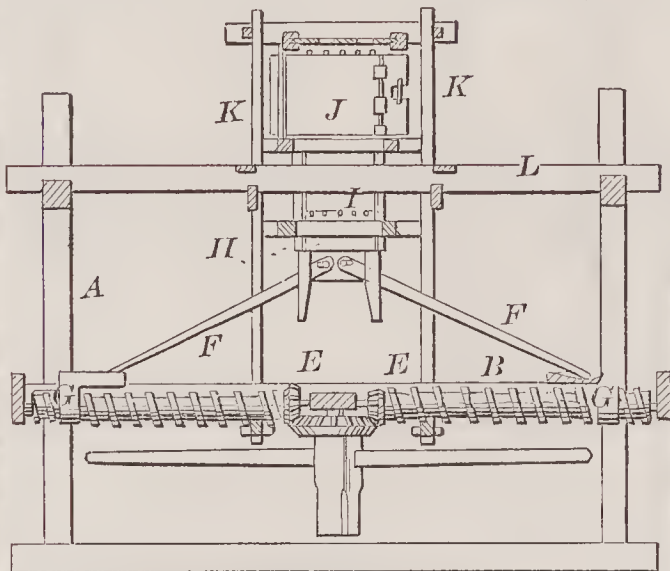
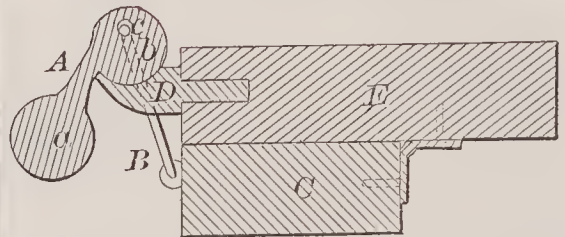
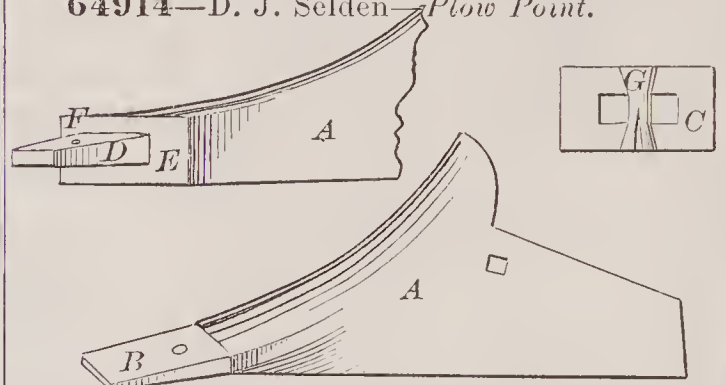
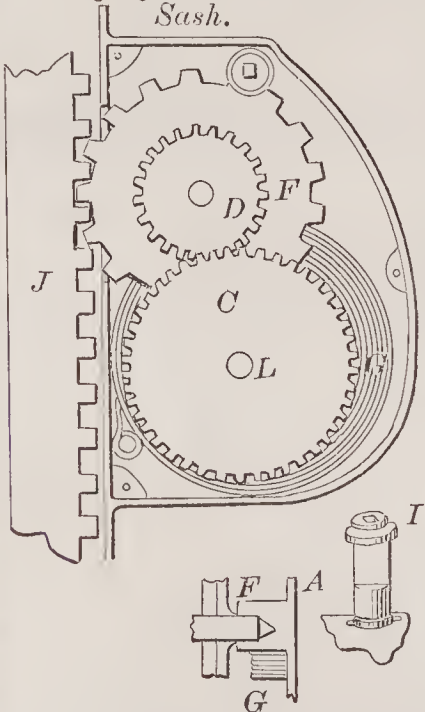
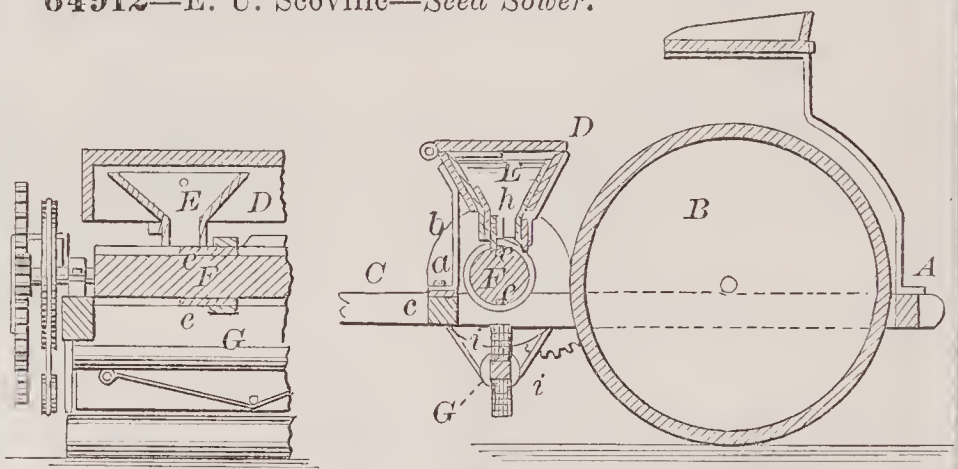
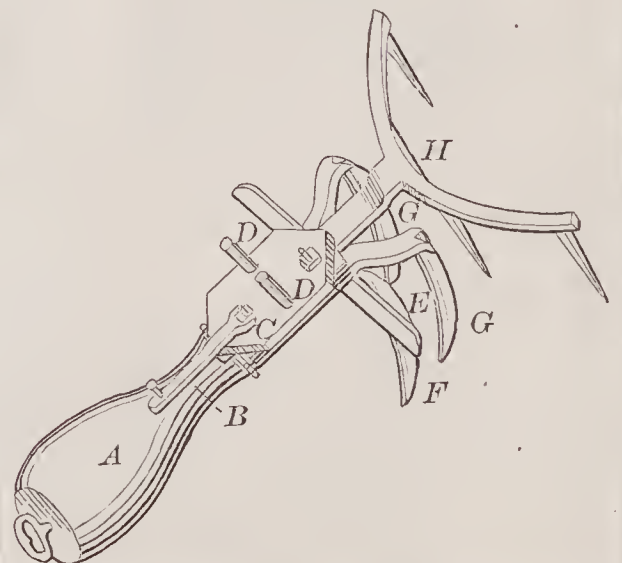
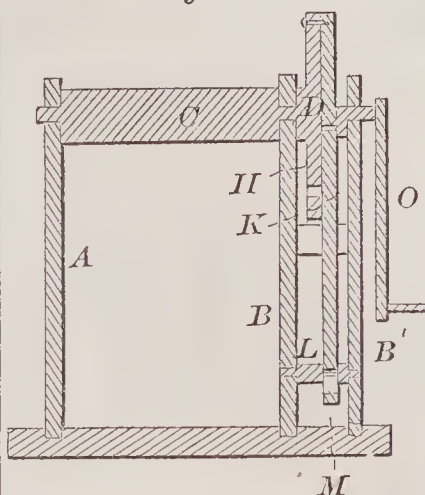
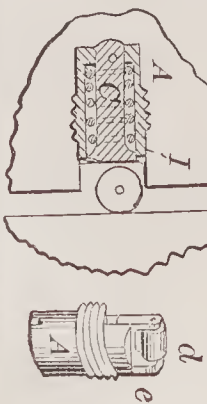
64890—W. H. Mayo—*Car Coupling.*



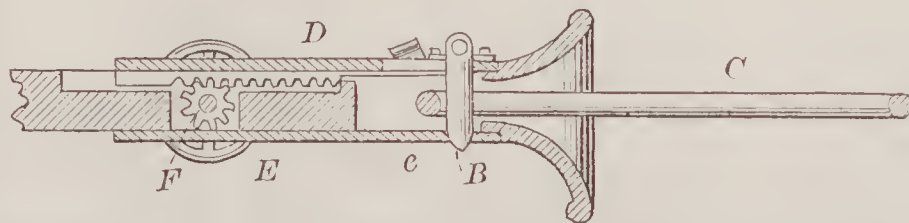
64888—J. M. Long—*Harvester Rake.*



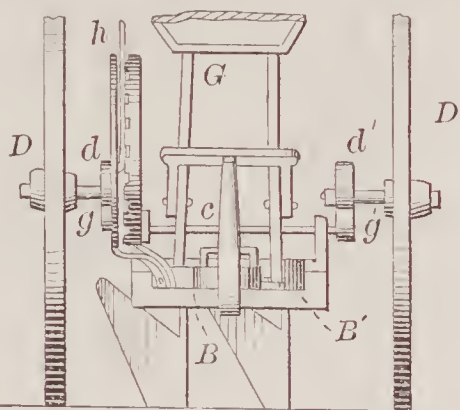
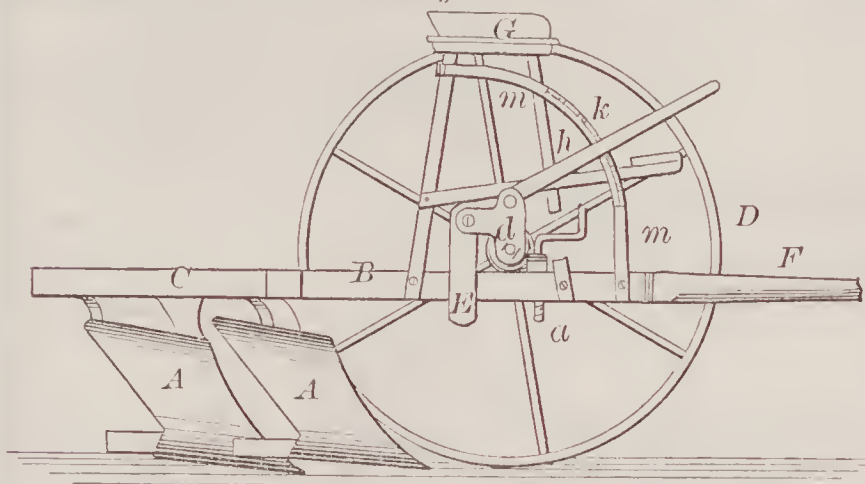
64891—T. A. McFarland—*Can Opener.*64892—L. Miffin—*Solar Chronometer.*64895—T. & T. H. Mitchell—*Steam Generator.*64896—J. Morgan, Jr.—*Bolt and Rivet Machine.*64893—W. P. Miller—*Grindstone.*64897—G. A. Moss—*Box for Blueing.*64894—F. E. Mills—*Door Indicator.*64898—J. H. J. O'Neill—*Car Coupling.*

64908—D. A. Ross—*Skate Fastening.*64909—J. G. Roux—*Cotton and Hay Press.*64913—J. E. Seavey—*Tip Cart Fastening.*64914—D. J. Selden—*Plow Point.*64910—C. A. Schaefer—*Hanging and Locking Sash.*64912—E. U. Seoville—*Seed Sower.*64917—G. W. Smith—*Garden Cultivator.*64915—H. F. Shaw—*Hoisting Gear.*64911—C. A. Schaefer—*Sash Supporter.*

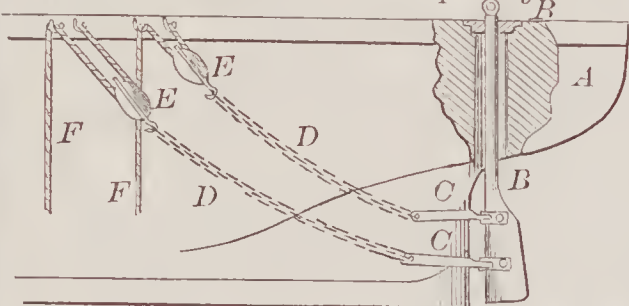
64918—Smith & Irvin—*Car Coupling.*



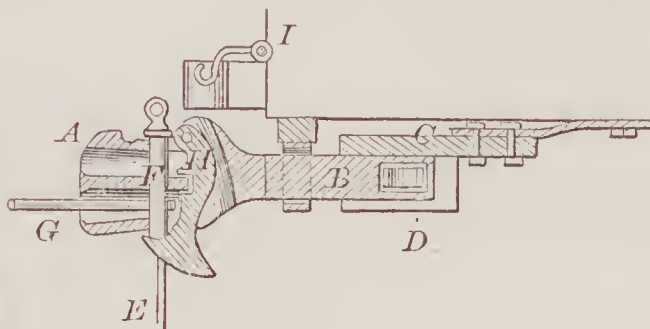
64923—J. W. Sursa—*Gang Plow.*



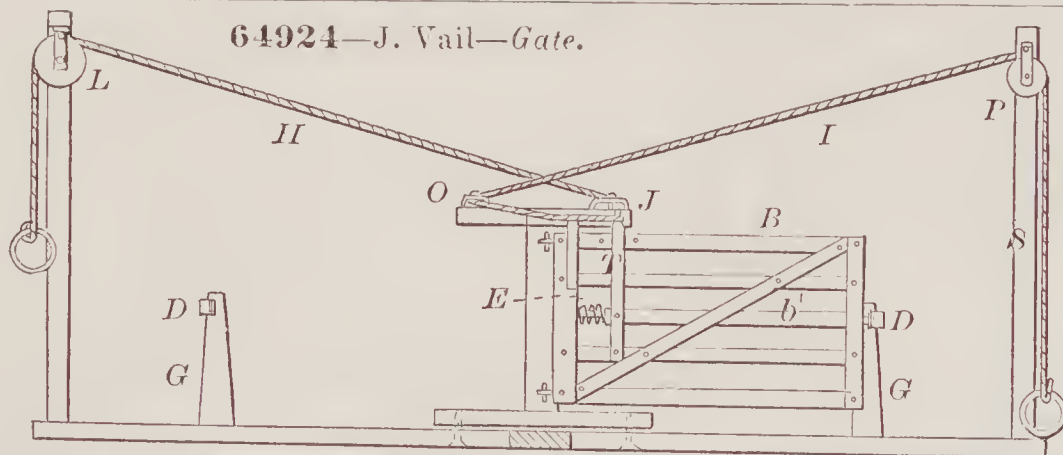
64920—H. L. Stibbs—*Temporary Rudder.*



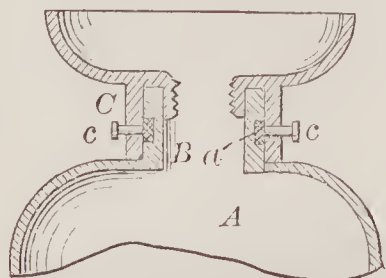
64921—W. A. Stowell—*Car Coupling.*



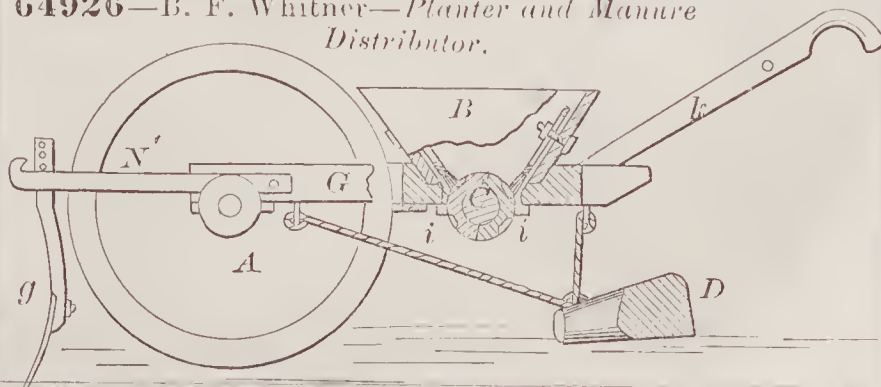
64924—J. Vail—*Gate.*



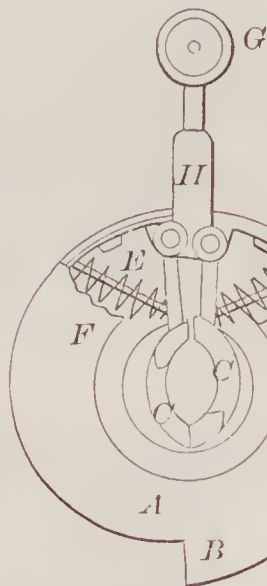
64925—H. Weston—*Attaching Burners to Lamps.*



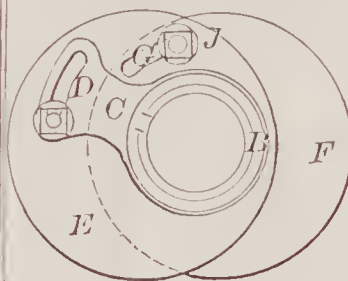
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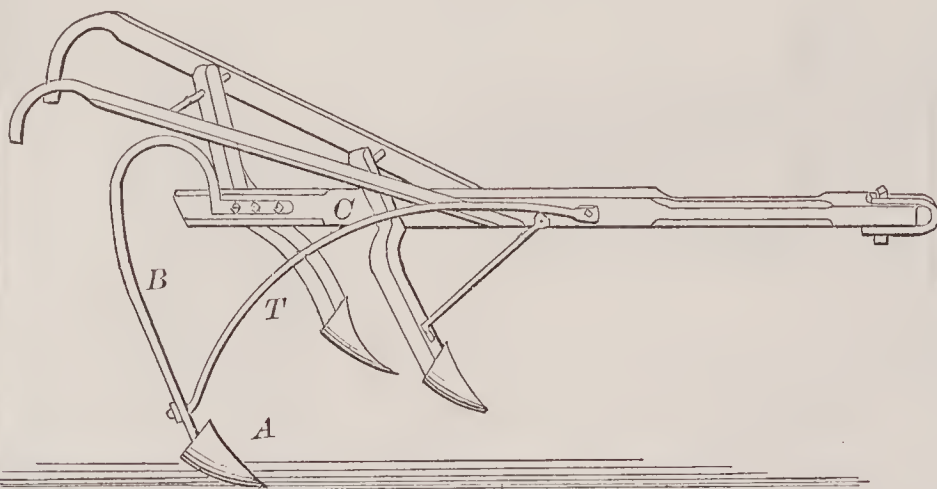
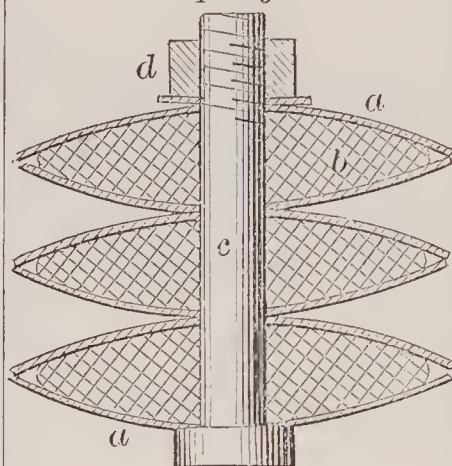
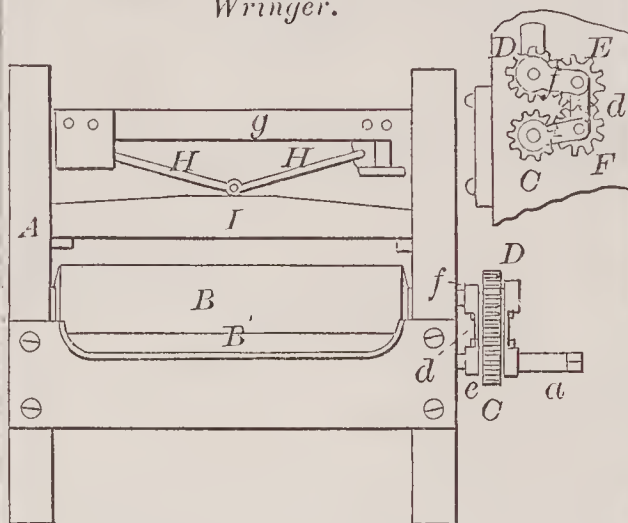
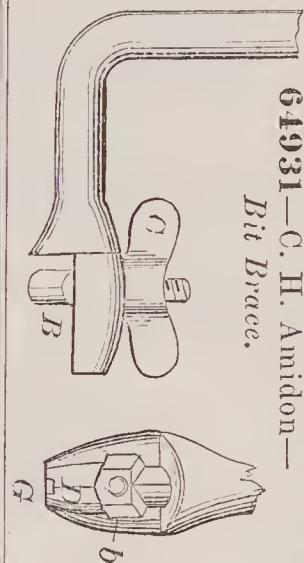
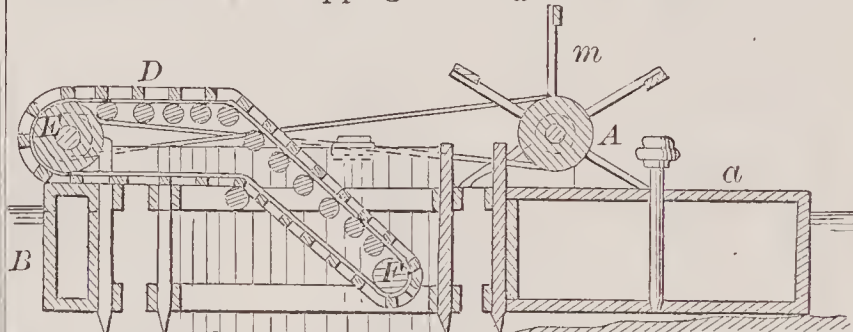
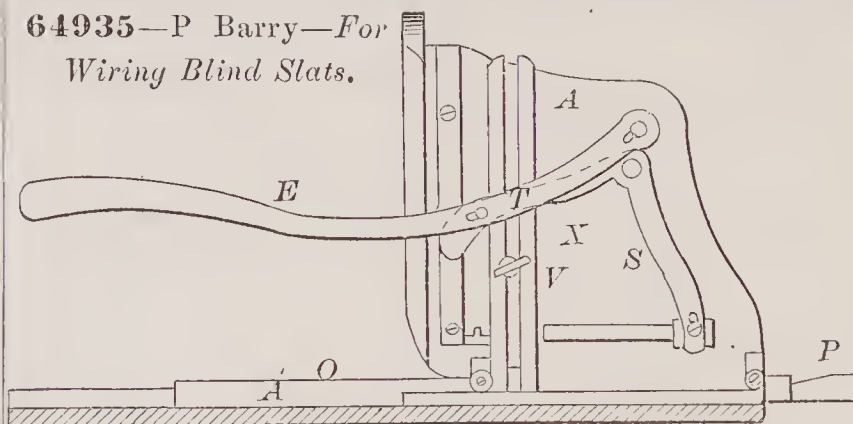
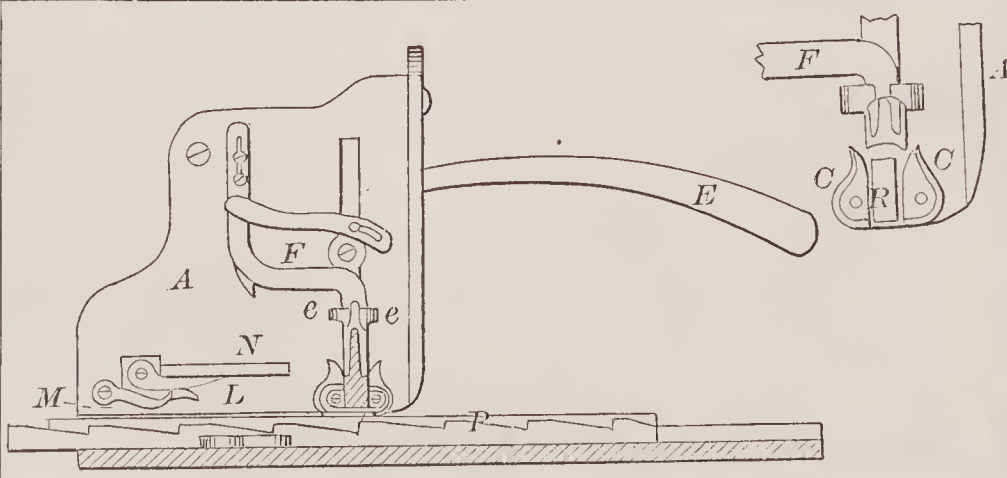
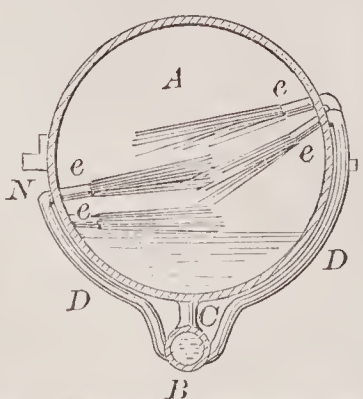


64919—E. E. Steadman—*Corn Shelter.*

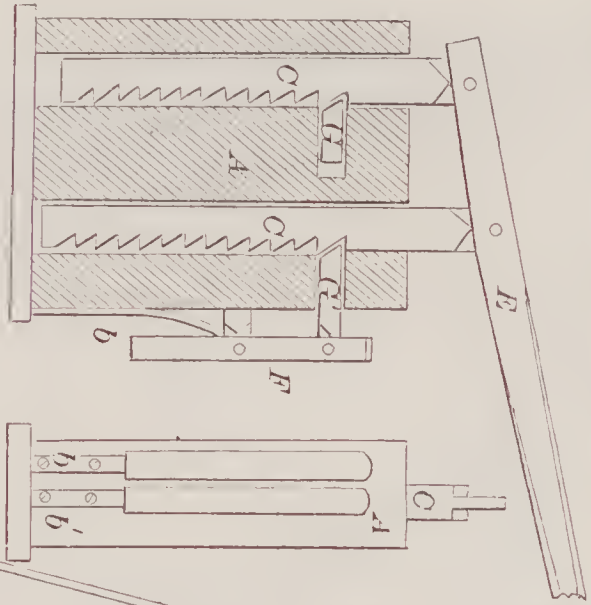
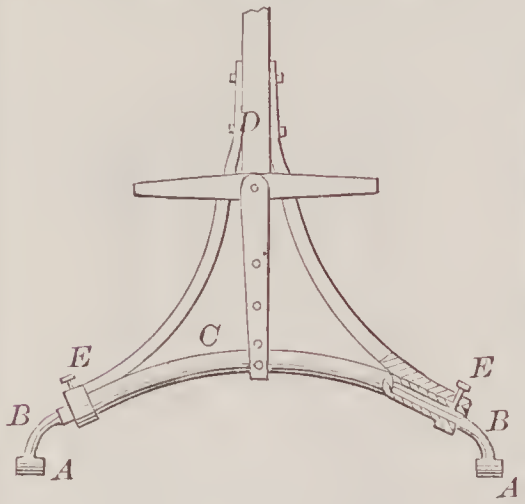


64922—J. B. Strickland—*Adjustable Eccentric.*



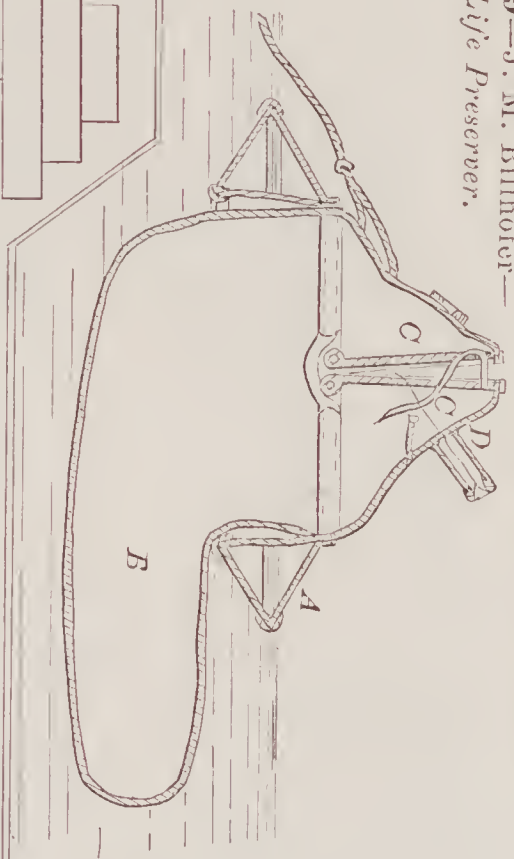
64927—A. Wilcox—*Shovel Plow.*64930—H. A. Alden—*Car Spring.*64932—C. H. Amidon—*Clothes Wringer.*64931—C. H. Amidon—*Bit Brace.*64933—W. H. Applegate—*Coffer Dam and Boat.*64935—P. Barry—*For Wiring Blind Slats.*64929—J. Woodruff—*Steam Generator.*

64936—A. R. Bartram—
Attaching Carriage Thills.

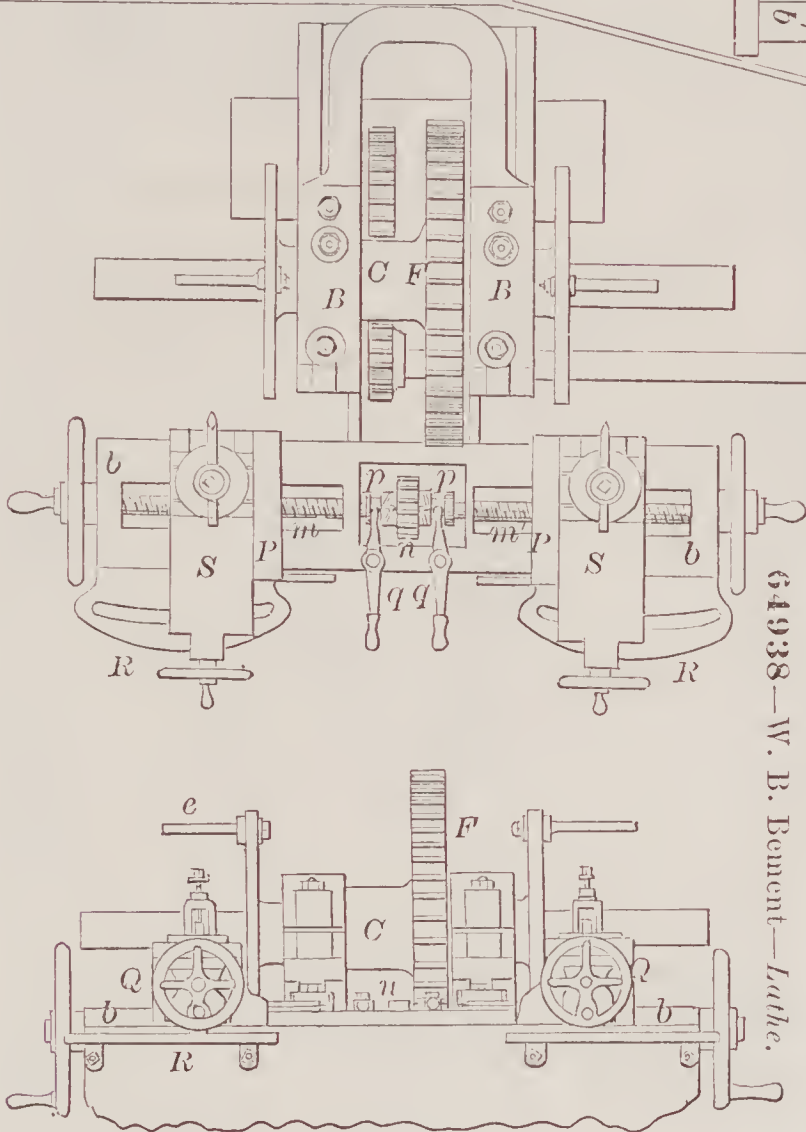


64937—J. H. Bean—*Lifting Jack.*

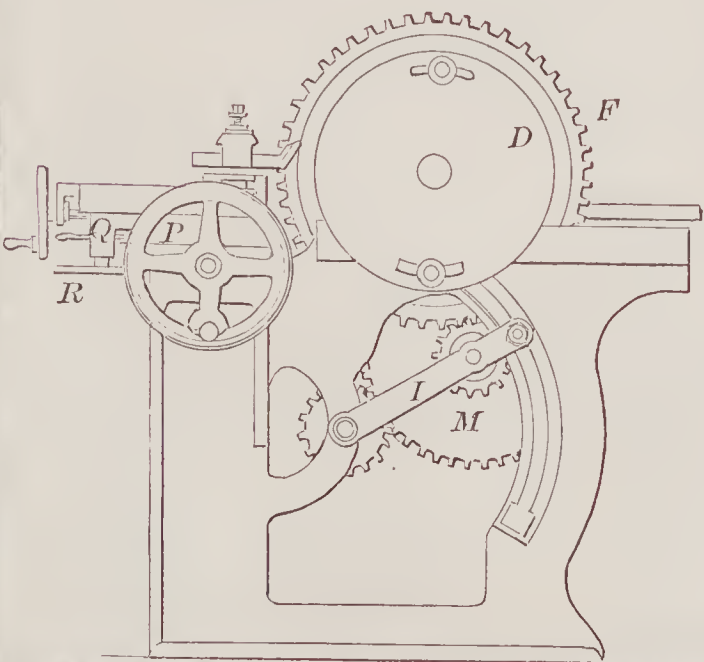
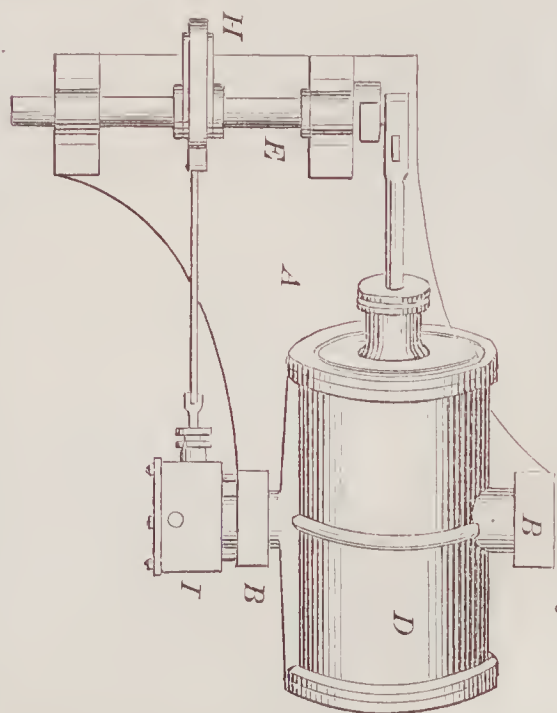
64939—J. M. Billhofer—
Life Preserver.



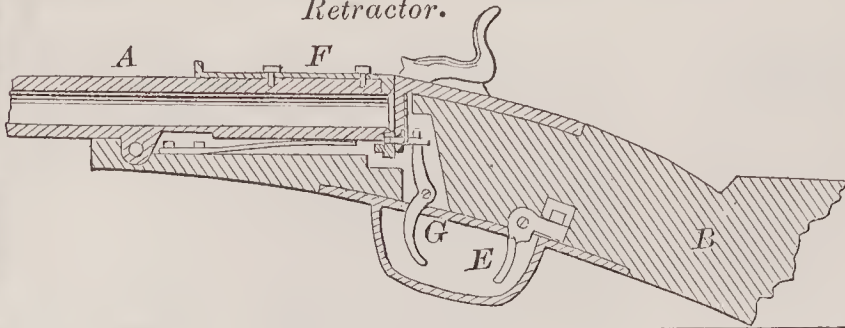
64938—W. B. Bement—*Lathe.*



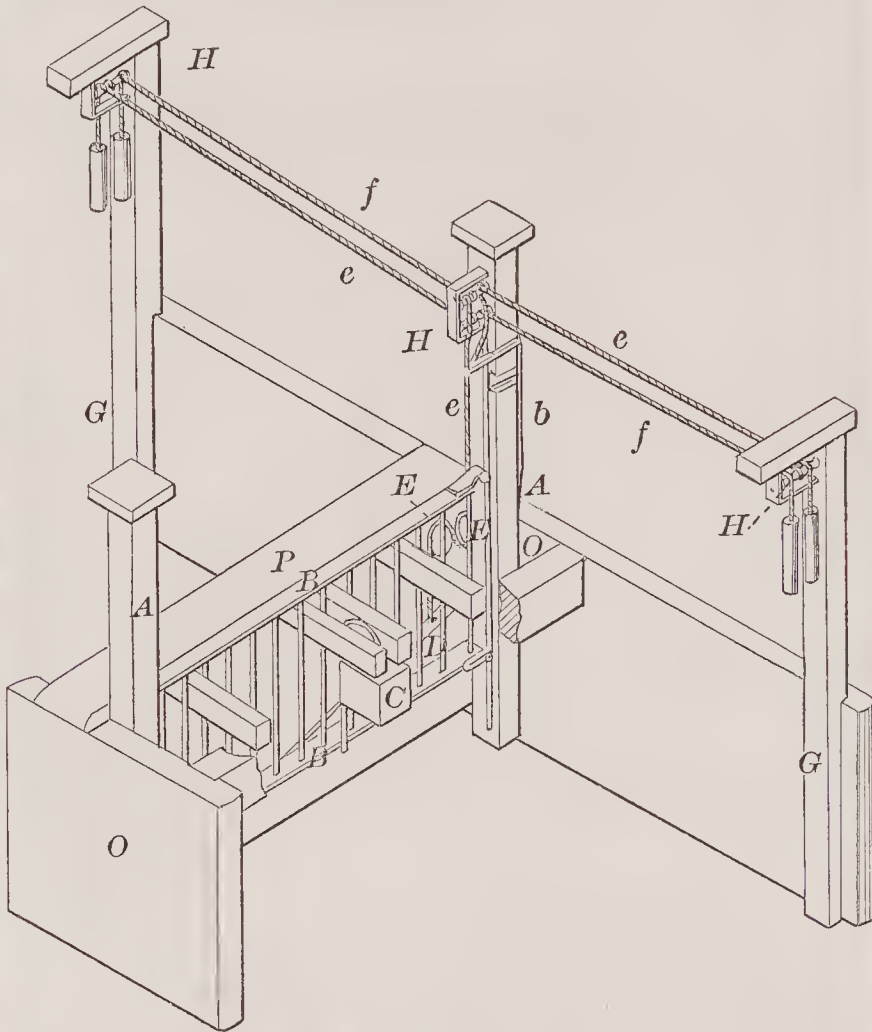
64940—W. E. Bird—*Oscillating Engine.*



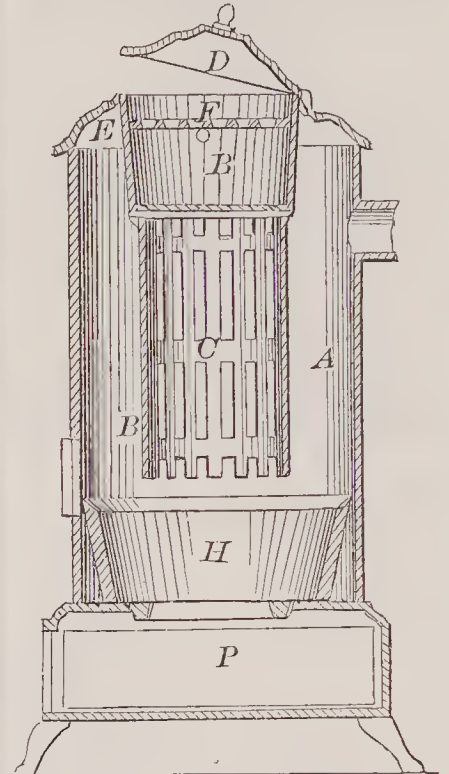
64941—G. W. Bowlby—*Back Sight and Cartridge Retractor.*



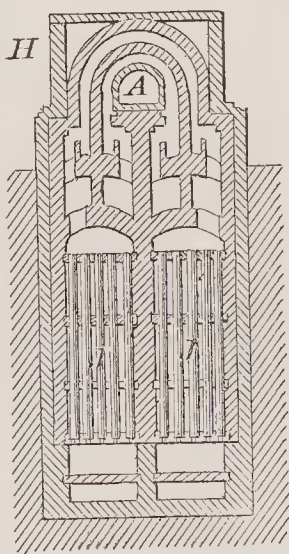
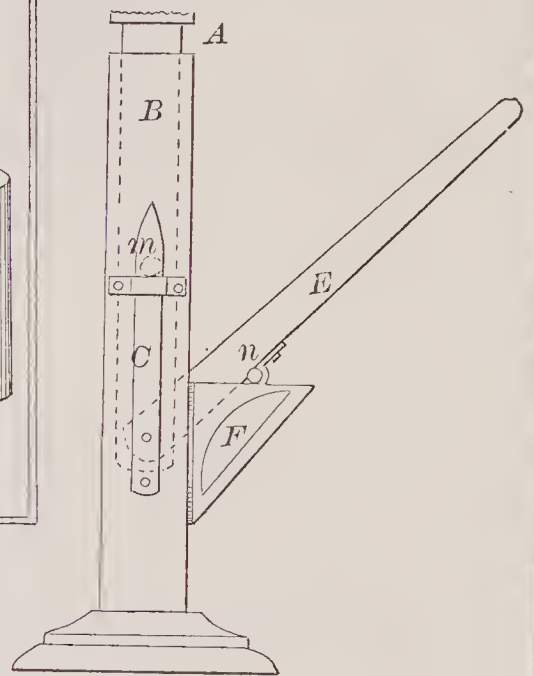
64945—J. A. Burchard—*Gate.*



64943—A. Brown—*Heating Stove.*



64946—C. Butterworth—*Lifting Jack.*

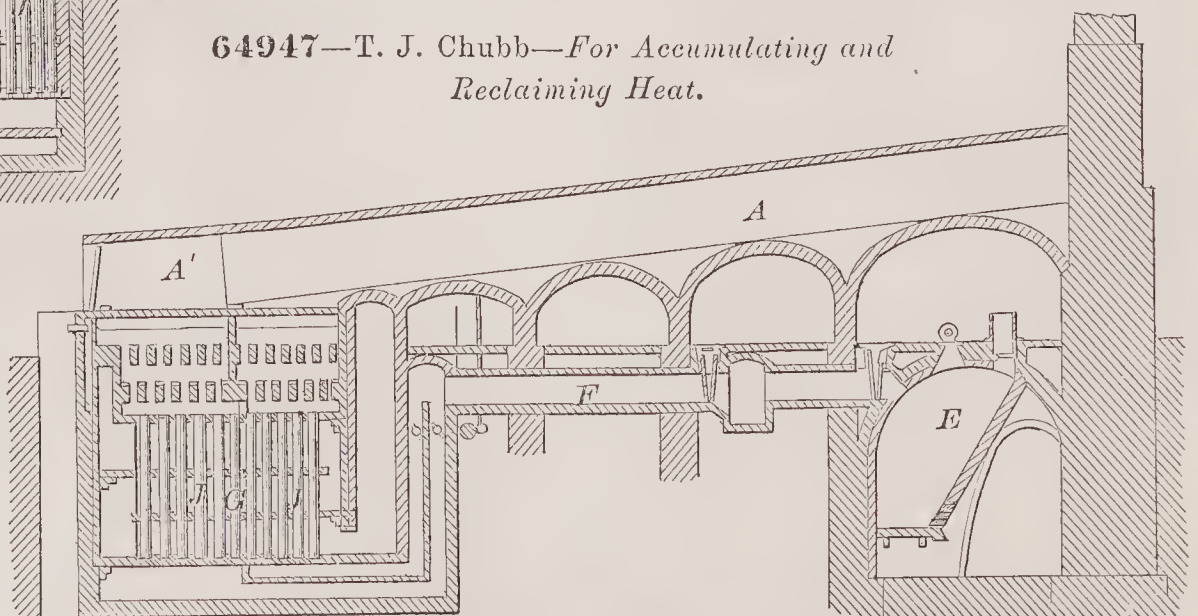


64942—C. Bried—*Carriage Trimming.*

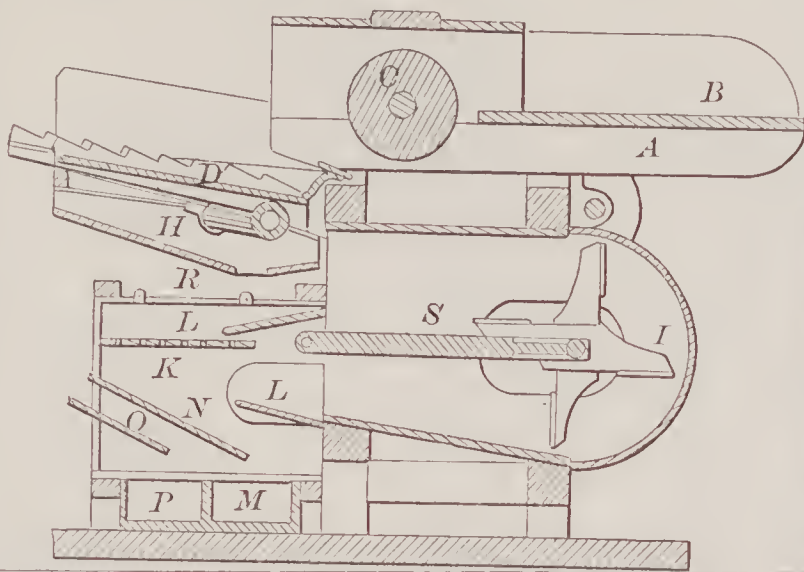


64944—D. C. Brown—*Wire Heddle for Loom Harness.*

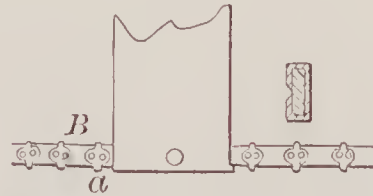
64947—T. J. Chubb—*For Accumulating and Reclaiming Heat.*



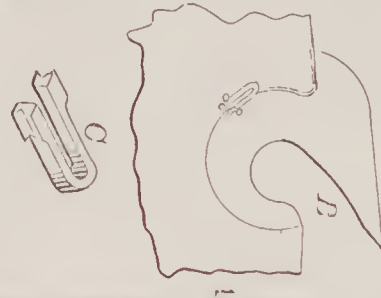
64948—A. Cornell—*Grain Thresher and Cleaner.*



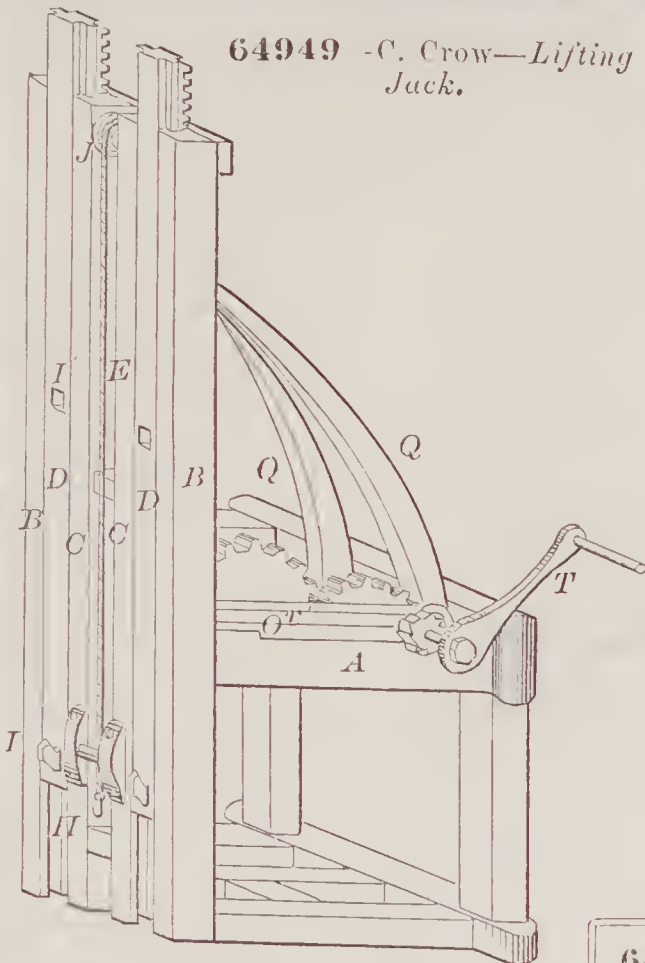
64952—L. De Forest—*Skirt Hoop.*



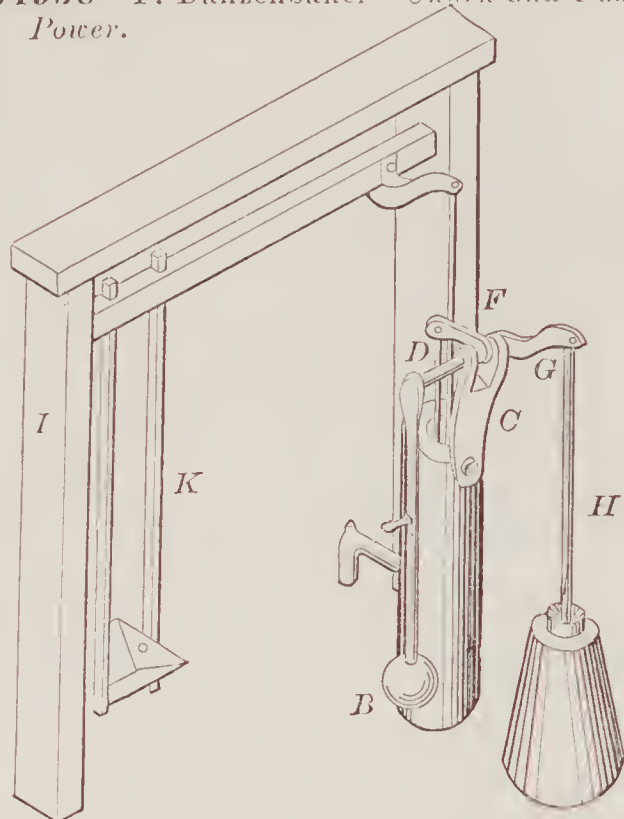
64953—C. Disston—*Saw.*



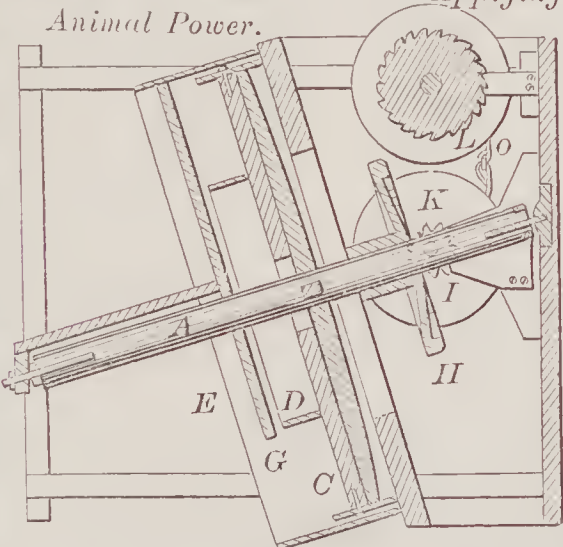
64949 -C. Crow—*Lifting Jack.*



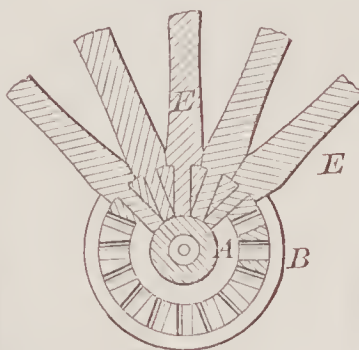
64950—F. Danzenbaker—*Churn and Pump Power.*



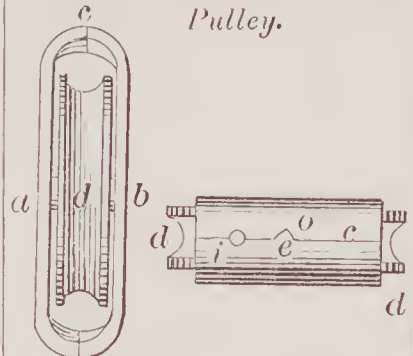
64951—J. Dearborn—*For Applying Animal Power.*



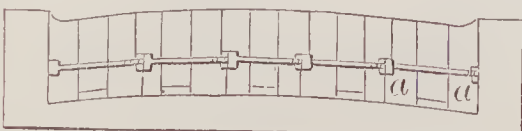
64955—L. Dorman—
Carriage Wheel Hub.



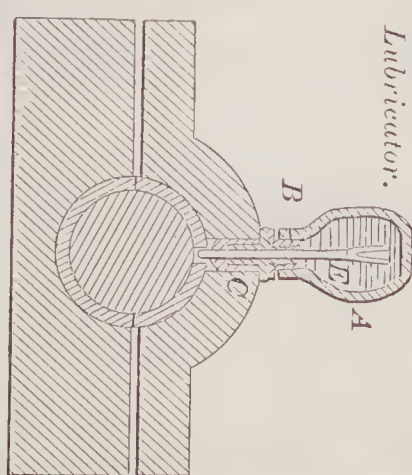
64957—S. Drum—Sash
Pulley.



64959—H. Fayette—*Wooden
Pavement.*



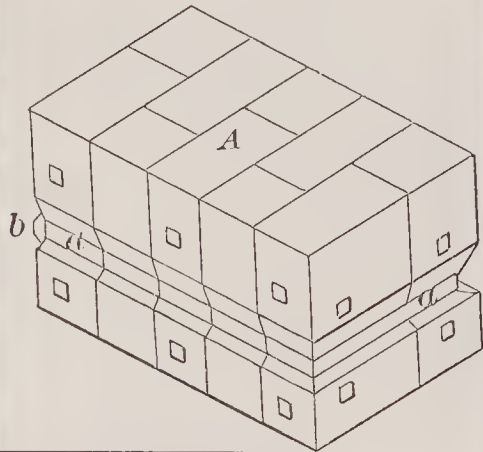
64956 I. Dreyfus—Automatic Lubricator.



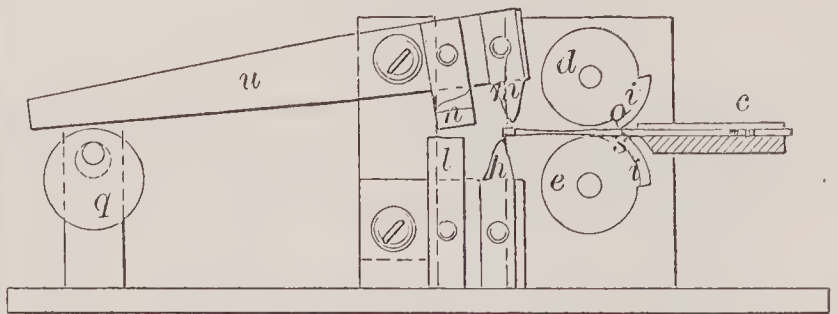
64958—S. W. Eaton—*Bearing for Friction Rollers.*



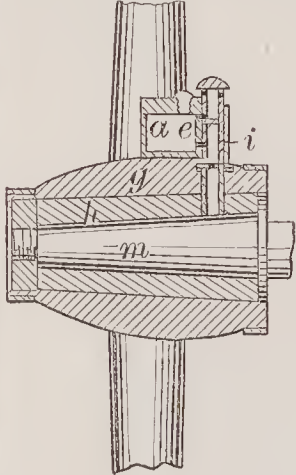
64960—H. Fayette—*Wooden Pavement.*



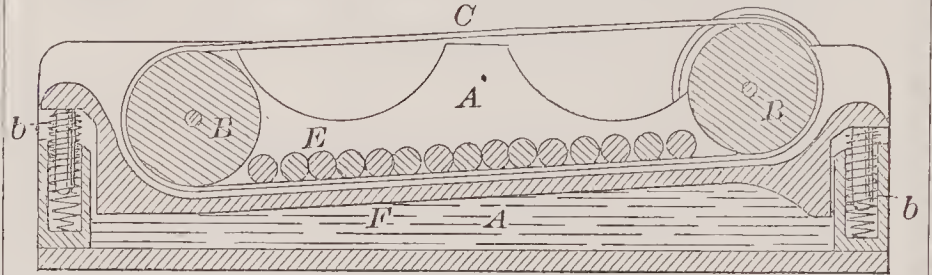
64963—T. Fowler—*For Making Nails.*



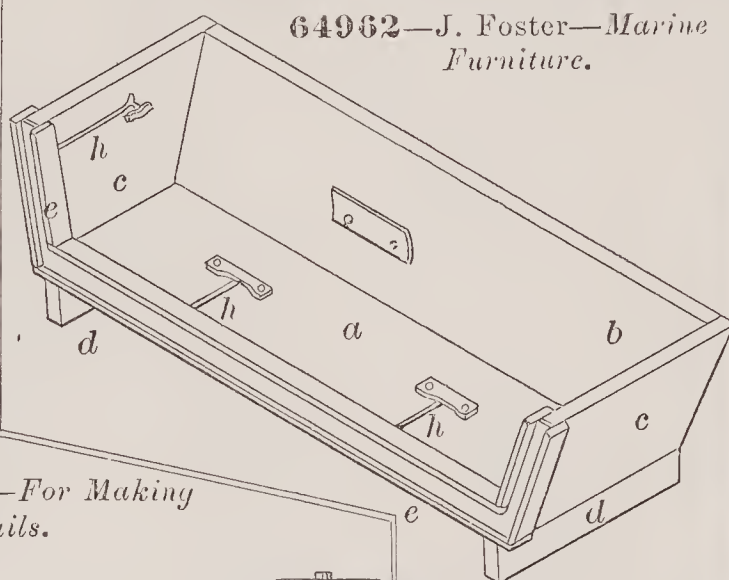
64961—J. C. Fish—*For Lubricating Wheels, &c.*



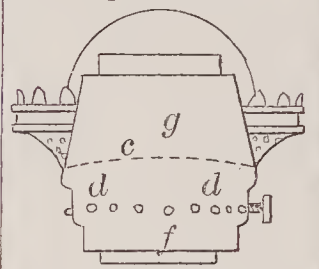
64967—E. R. Gardiner—*For Sizing and Felting Hats.*



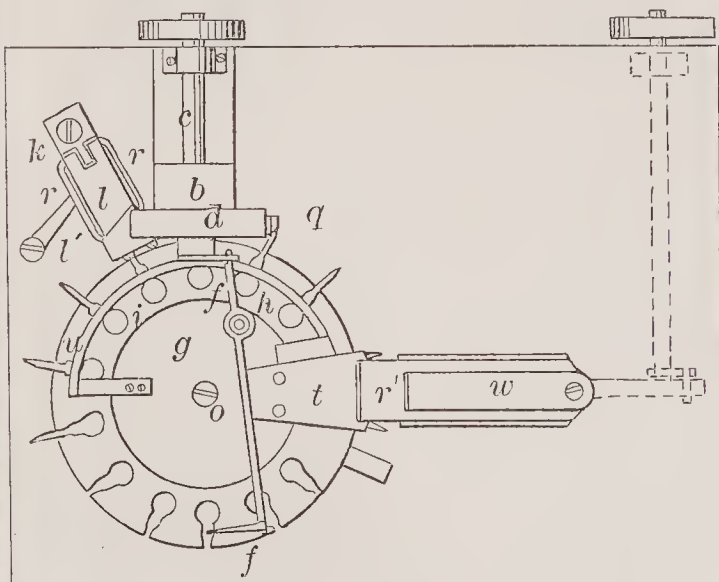
64962—J. Foster—*Marine Furniture.*



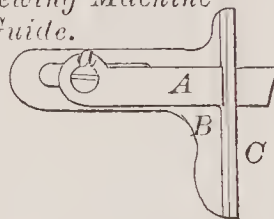
64965—
J. A. Frey—*Lamp Burner.*



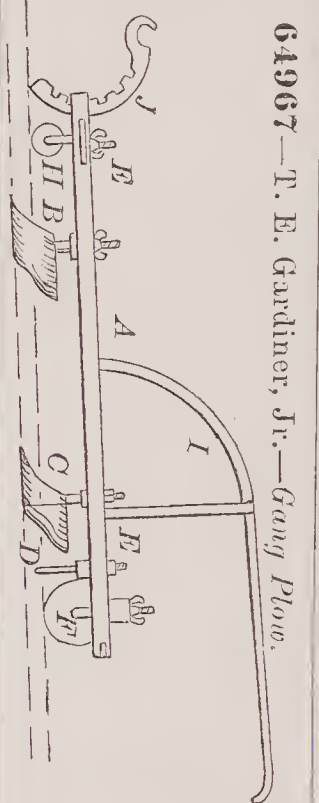
64964—T. Fowler—*For Making Horse Shoe Nails.*



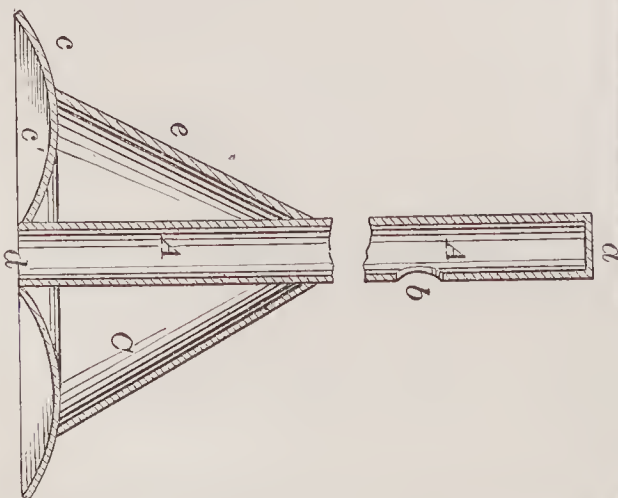
64968—G. D. Garvie—*Sewing Machine Guide.*



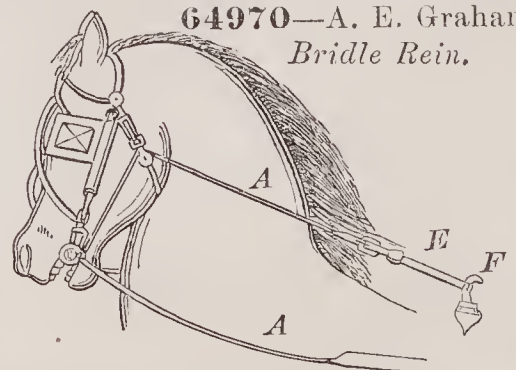
64967—J. E. Gardiner, Jr.—*Gang Plow.*



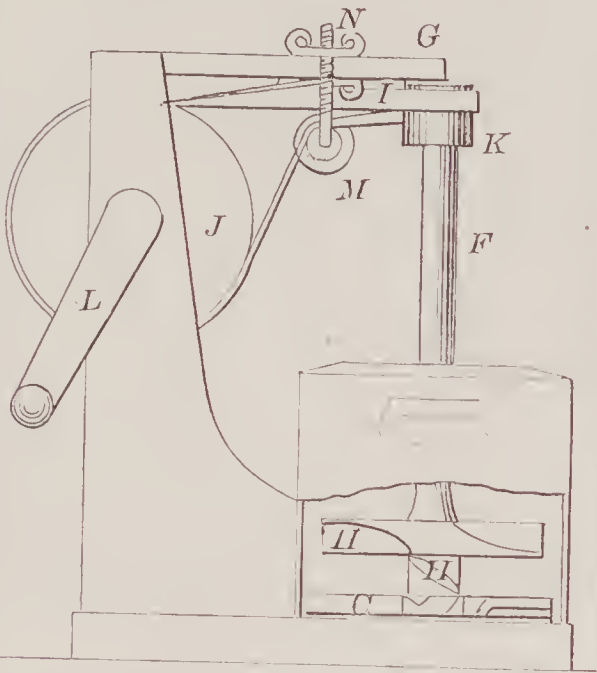
64969—J. C. Gaston—*Atmospheric Churn Dasher.*



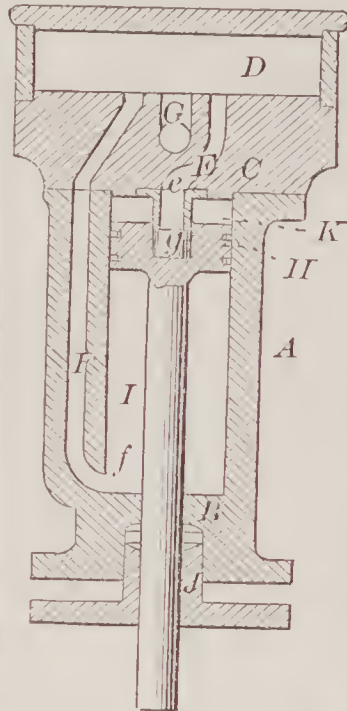
64970—A. E. Graham—*Bridle Rein.*



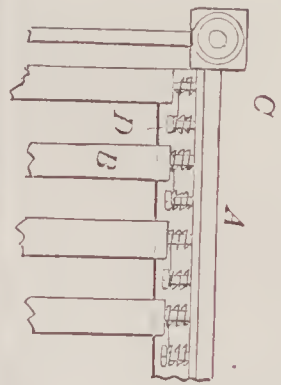
64971—A. W. Gray—*Churn.*



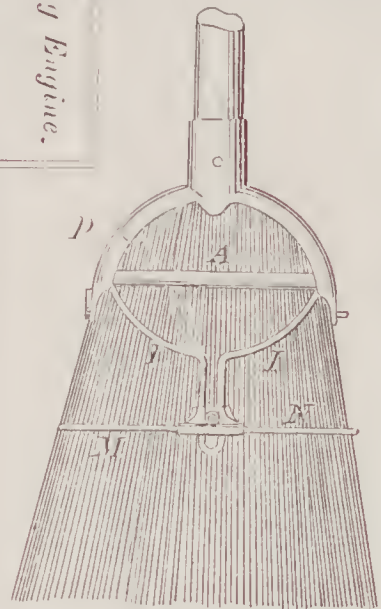
64972—W. D. Grimshaw—*Reciprocating Engine.*



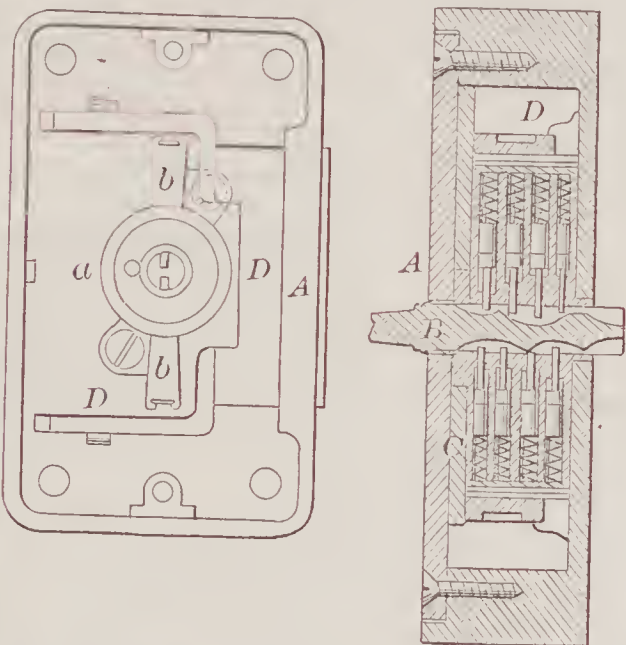
64973—C. H. Hall—*Bed Bottom.*



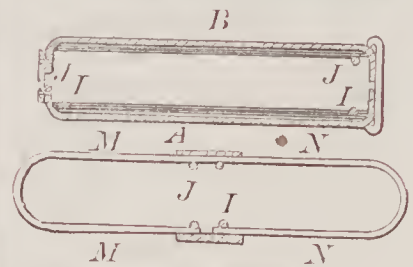
64979—W. G. Hughes—*Broom Head.*



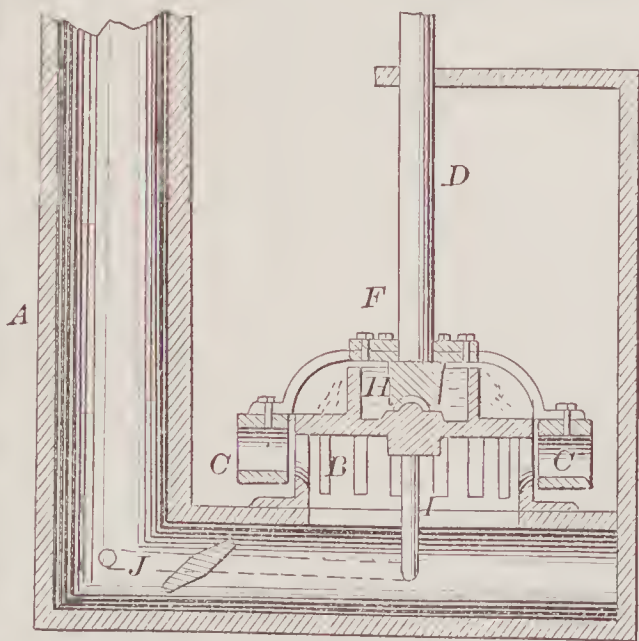
64975—W. I. & J. W. Harris—*Door Lock.*



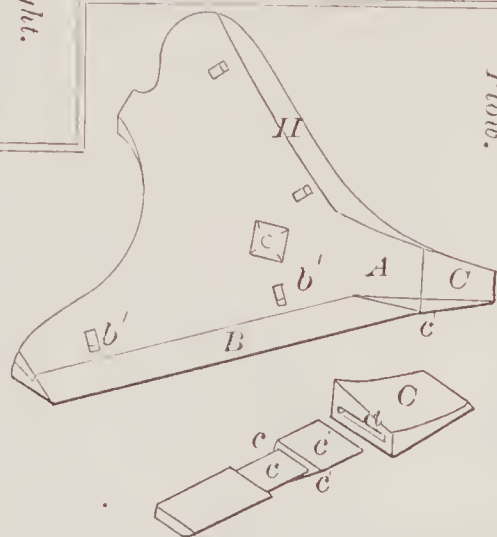
64976—H. A. Harvey—*Window Sash Weight.*



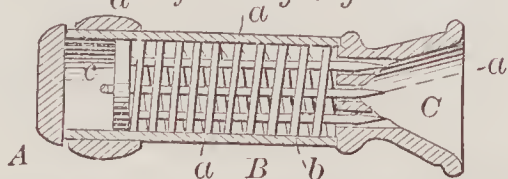
64977—B. Holly—*Turbine Water Wheel.*



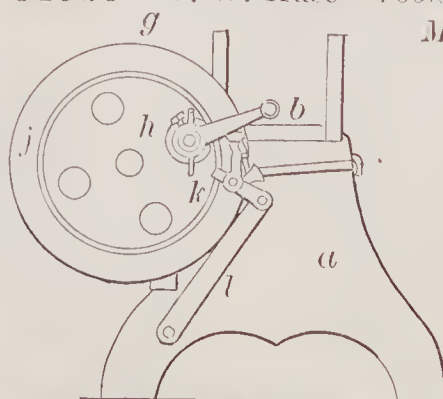
64974—H. G. & E. L. Hall—*Plow.*



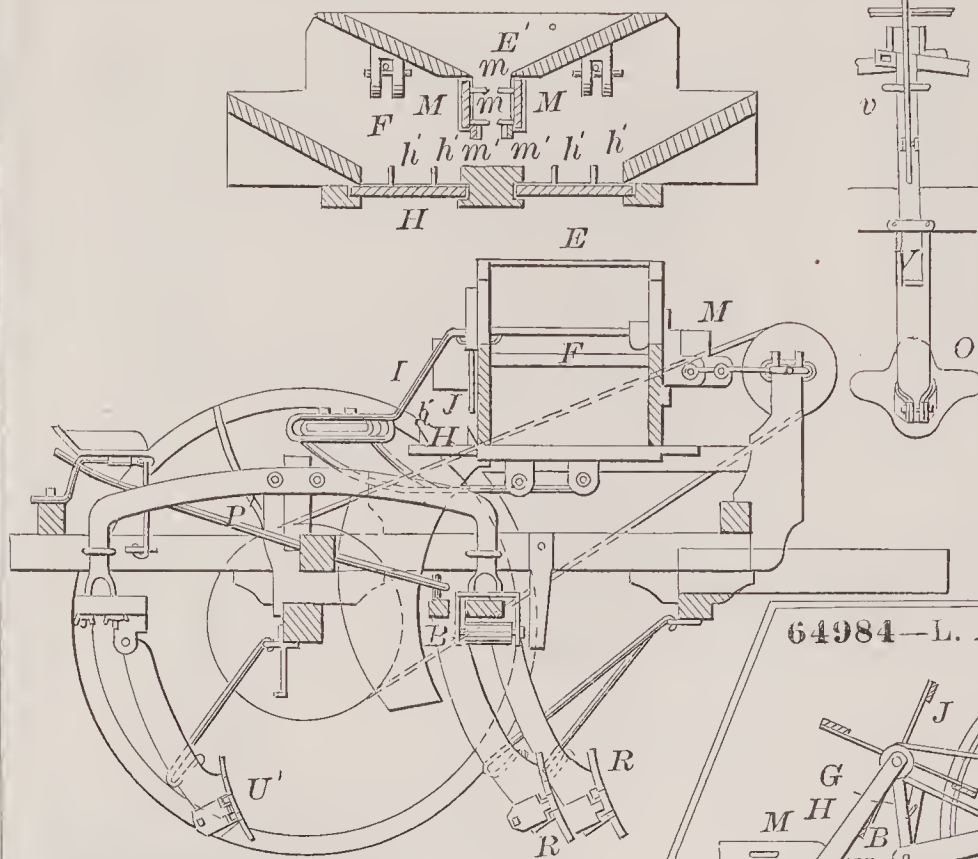
64978—Houghton & Wingfield—*For Perforating Cigars.*



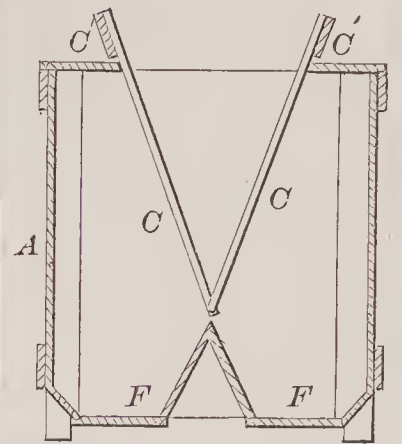
64980—W. W. Huse—*Tobacco Cutting Machine.*



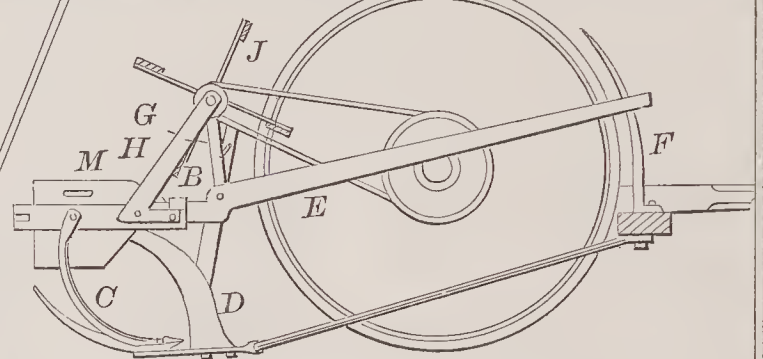
64981—H. Hutchison—Seeding Cultivator.



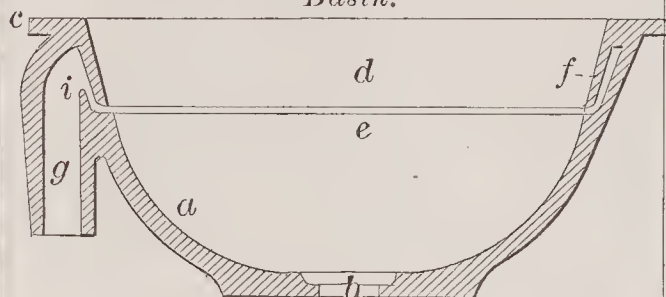
64983—H. G. Ives—Sheep Rack.



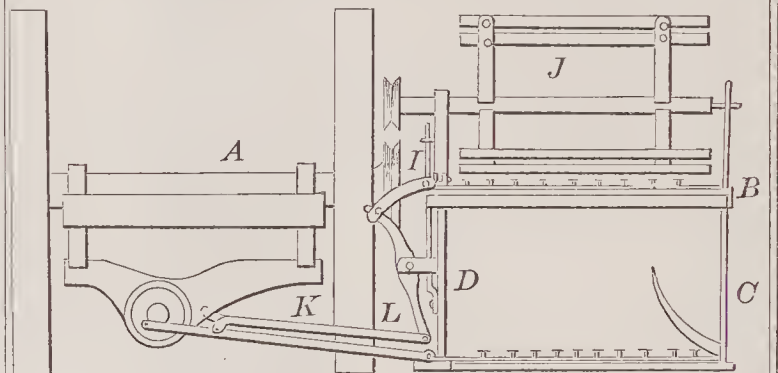
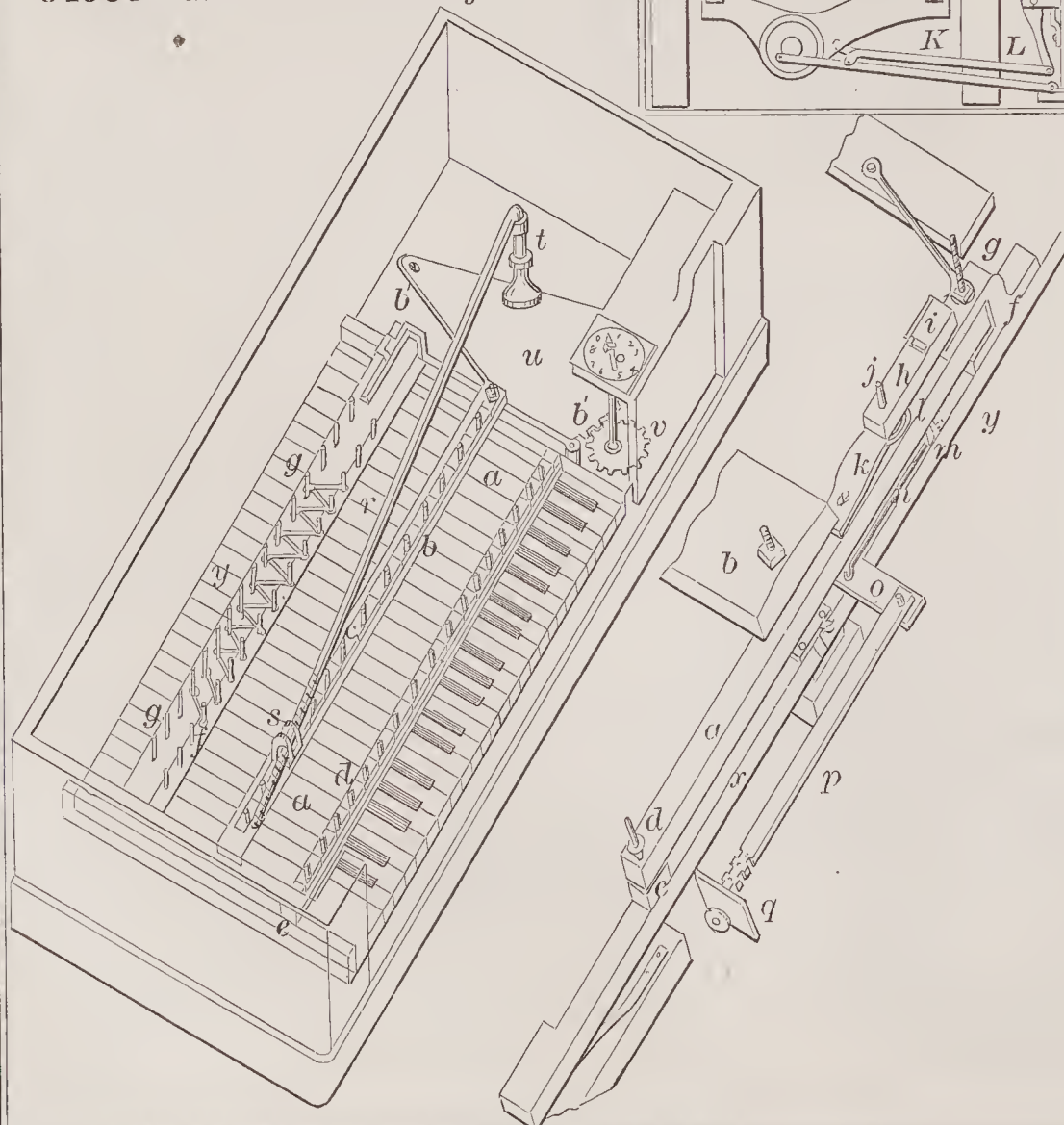
64984—L. A. & G. J. Jones—Harvester.



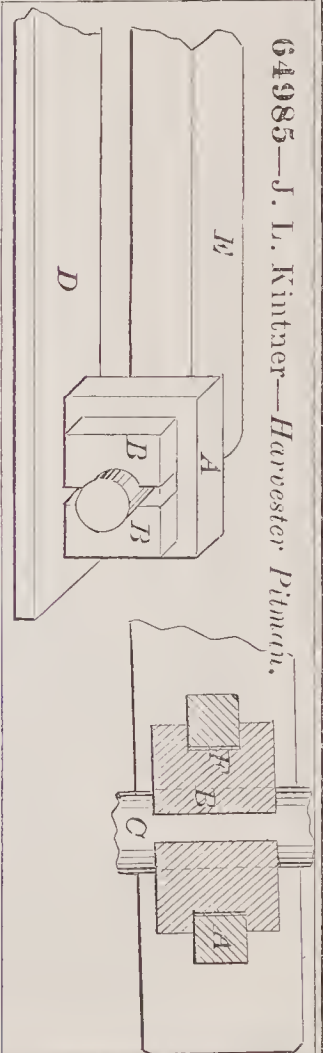
64982—A. Ivers—Stationary Wash Basin.



64986—G. B. Kirkham—Organ.



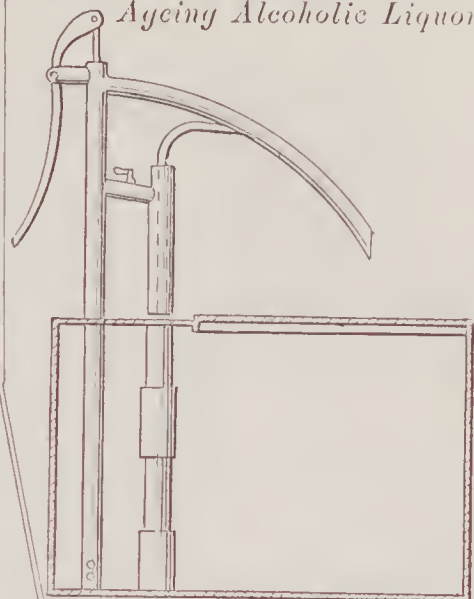
64985—J. L. Kintner—Harvester Pivots.



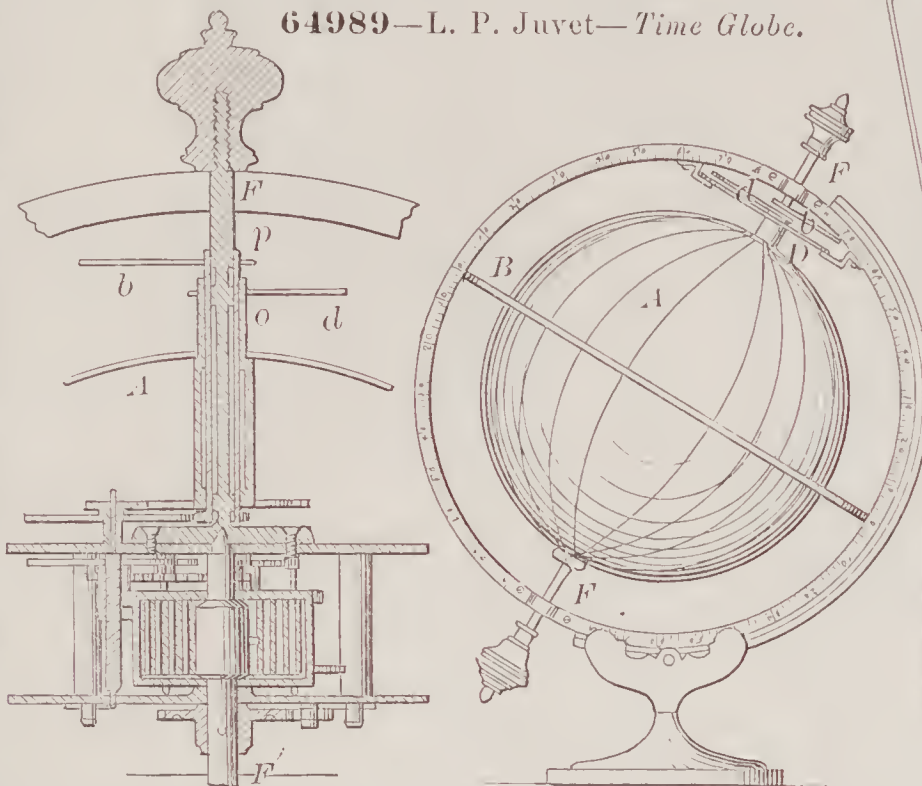
64987—A. Larrowe—*Gate.*



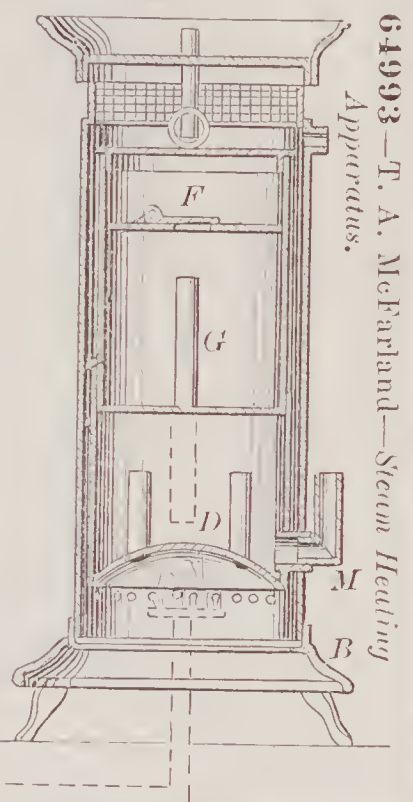
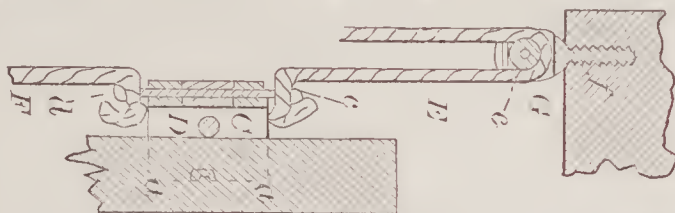
64990—J. L. Martin—*For Ageing Alcoholic Liquors.*



64989—L. P. Juvet—*Time Globe.*



64988—J. Le Ferre—*Window Sash Elevator.*

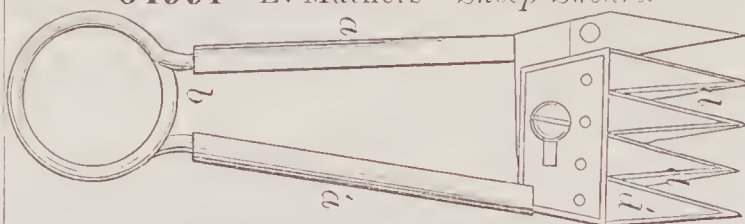


64993—T. A. McFarland—*Steam Heating Apparatus.*

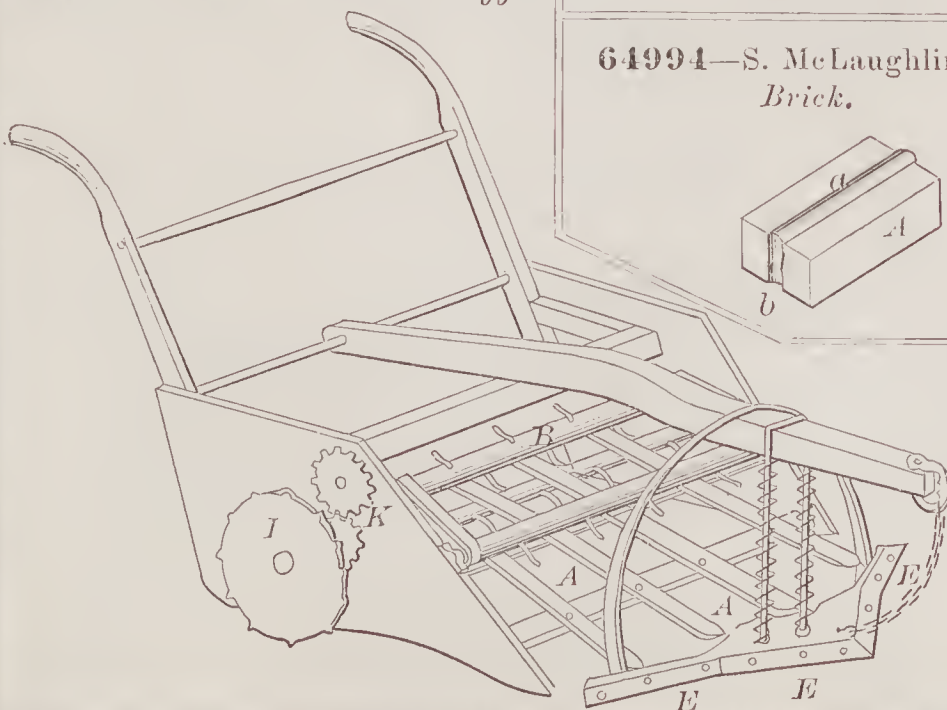
64995—W. H. Miller—*Packing for Stuffing Boxes.*



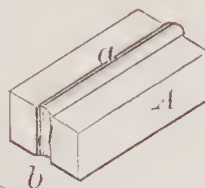
64991—E. Mathers—*Sheep Shears.*



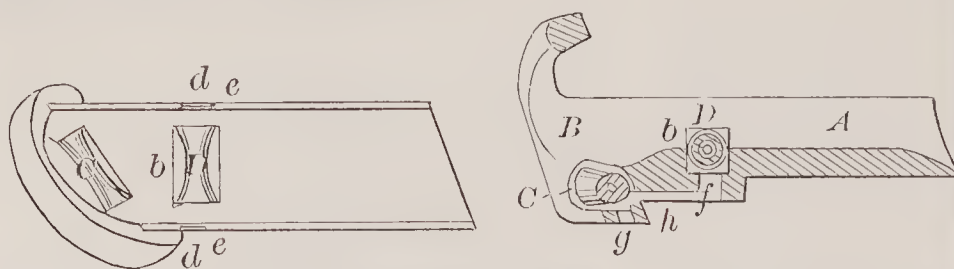
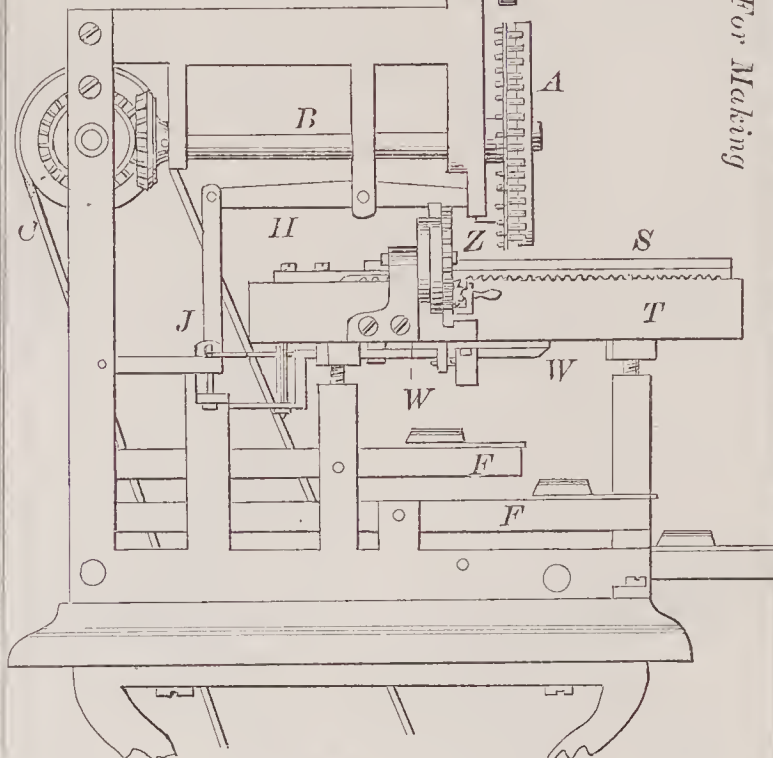
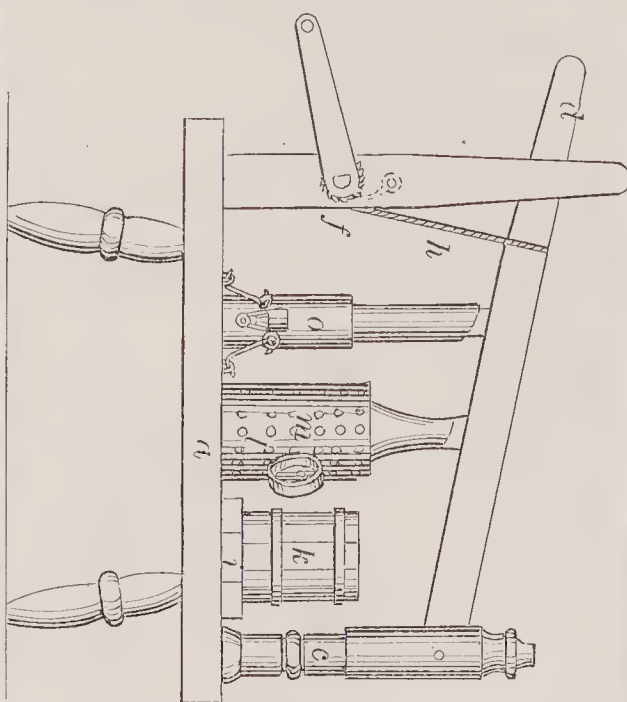
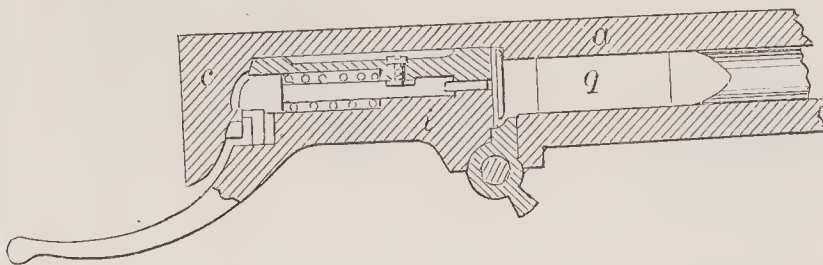
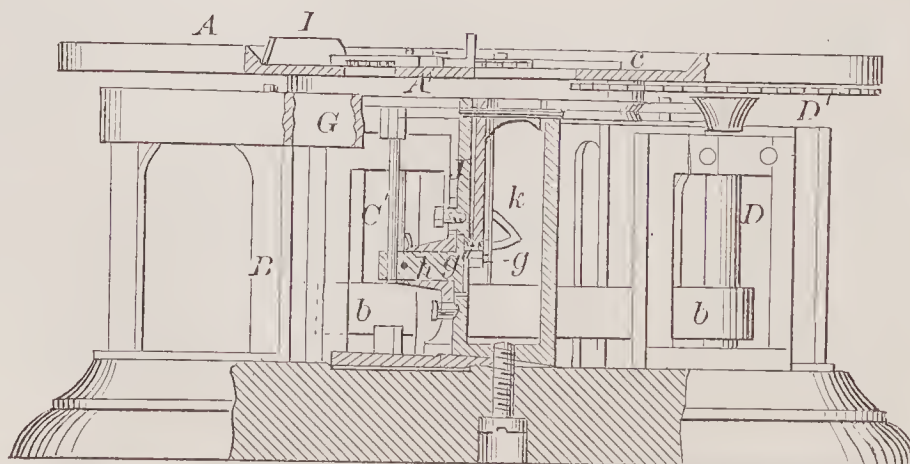
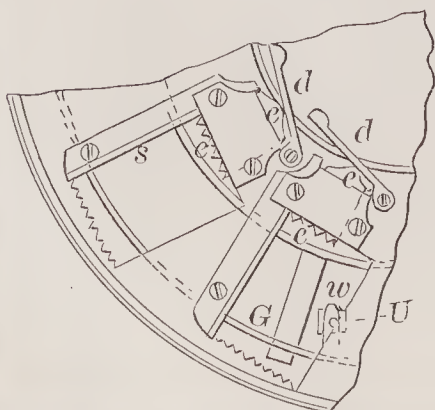
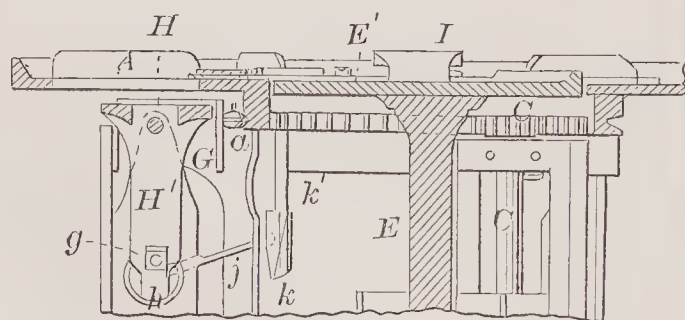
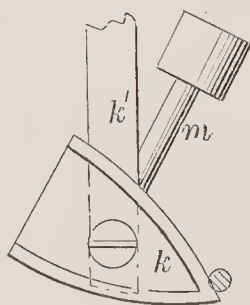
64996—A. Minnis—*Potato Digger.*



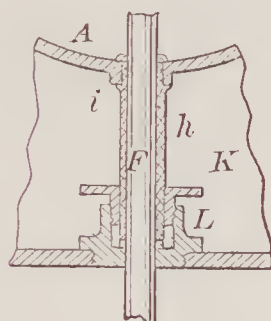
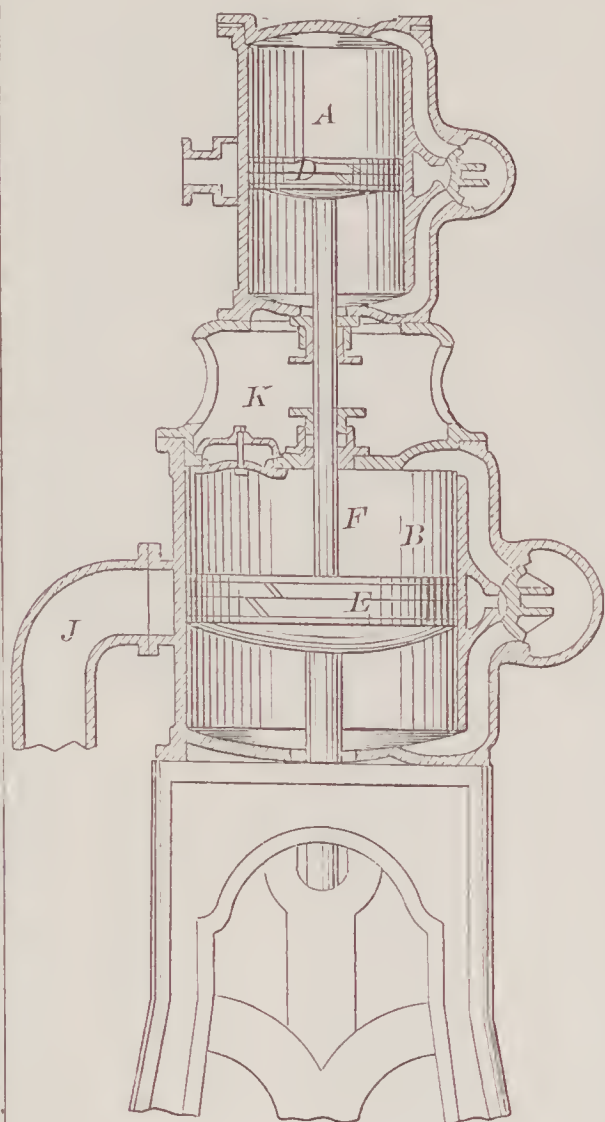
64994—S. McLaughlin—*Brick.*



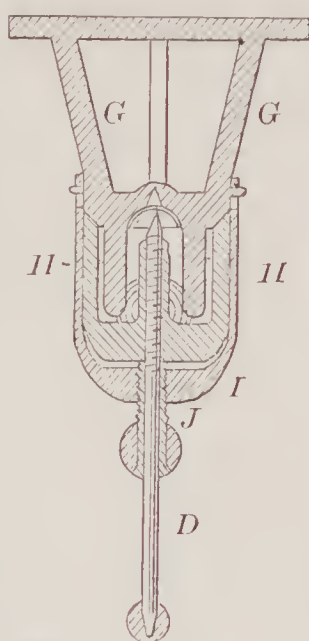
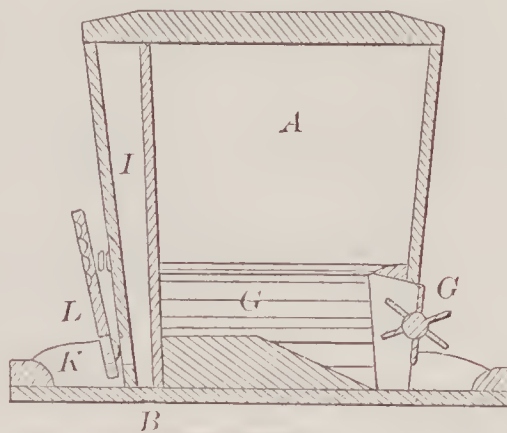
64992—D. Matthew—*For Preventing Incrustation of Steam Boilers.*

64997—P. Moody—*Hawse Pipe*.64998—C. C. Musselman—*Cheese Press*.64999—J. & G. H. Needham—*Breech-Loading Fire Arm*.65001—E. R. Osgood—*Shingle Machine*.65000—M. Nelson—*For Making Type Moulds*.

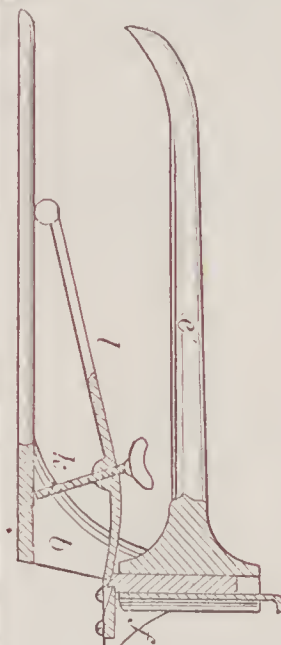
65003—Perry & Lay—*Steam Engine.*



65004—I. S. Pope—*Hog Feeder.*

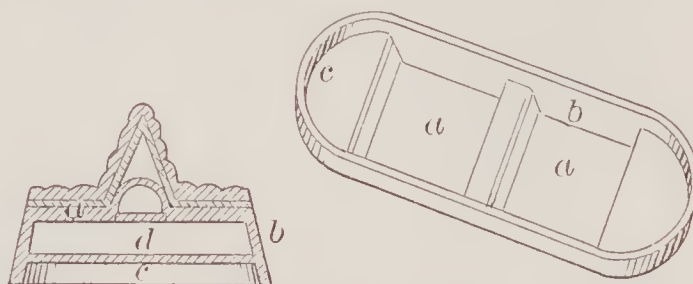


65005—Porter & Brown—*Vapor Burner.*

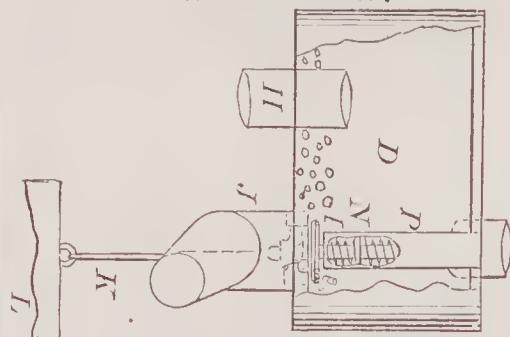


65006—E. L. Pratt—*For Cutting Tobacco.*

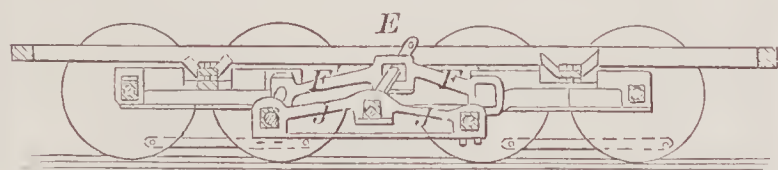
65007—S. E. Pratt—*Furniture for Vessels.*



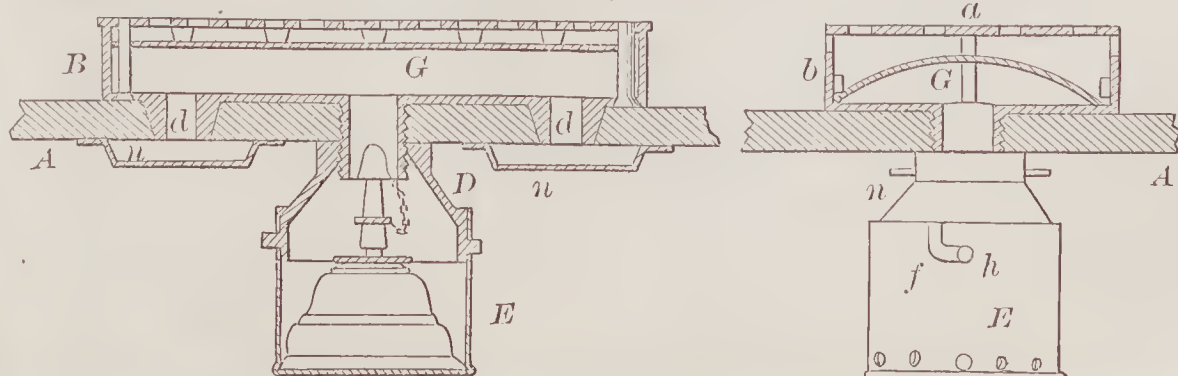
65009—H. Rensch—*Automatic Water Leader.*

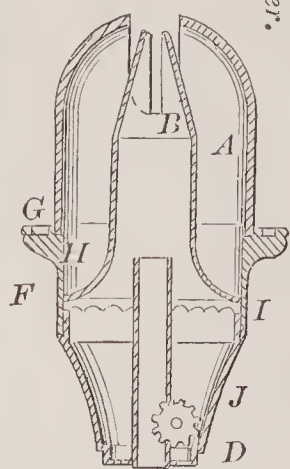


65008—L. Rarchaert—*Locomotive Engine.*

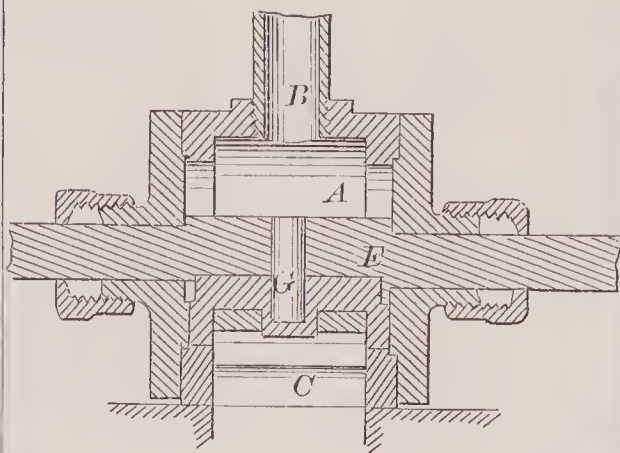
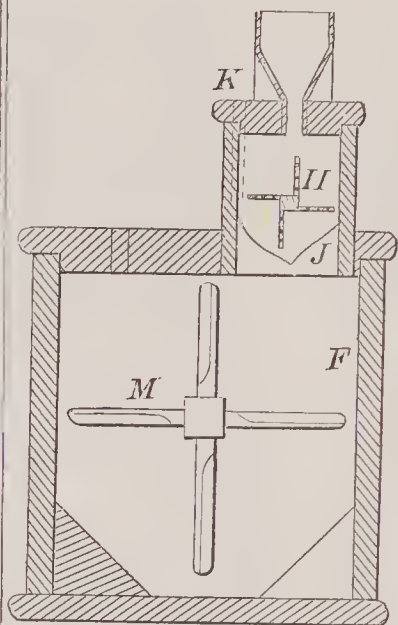


65010—E. H. Reynolds—*Lamp Heater for Vehicles.*

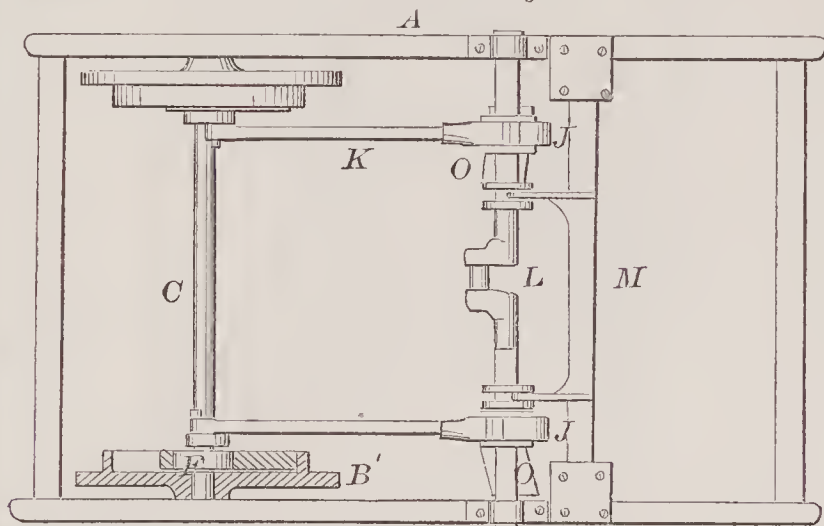


65011—H. M. Richmond—Vapor
Burner.

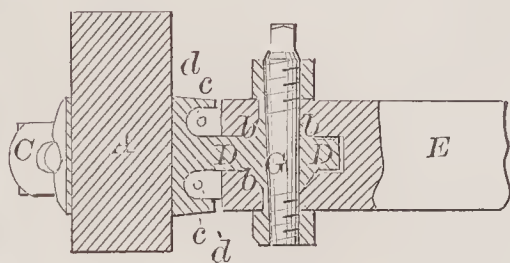
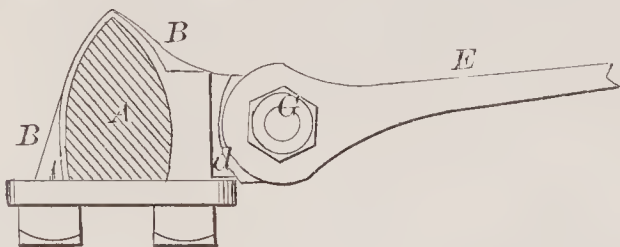
65013—J. B. Root—Rotary Valve.

65014—W. W. Sanborn—
Churn.

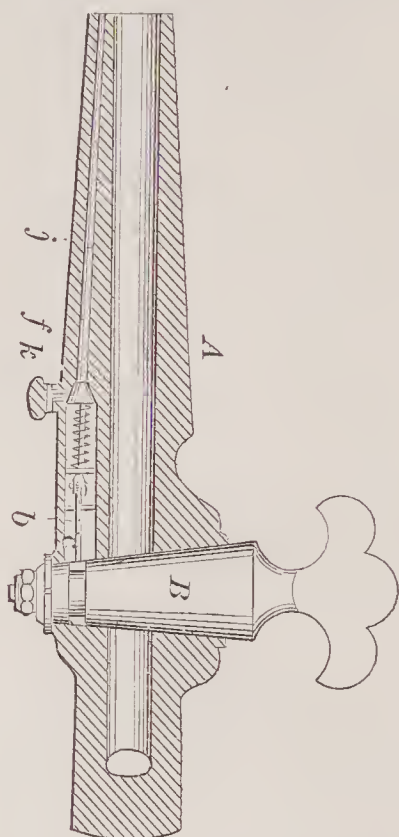
65012—J. B. Root—Traction Engine.



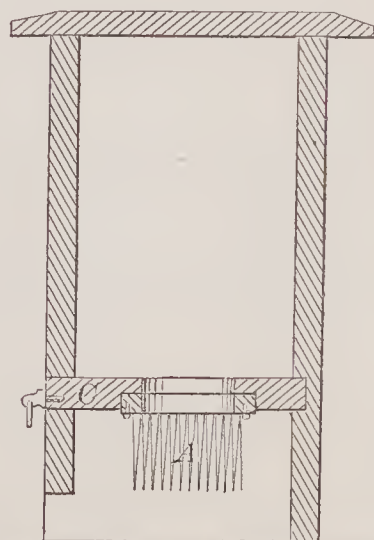
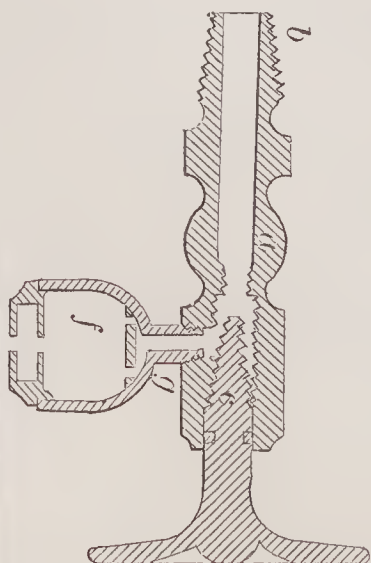
65017—G. Schreyer—Attaching Carriage Thills.



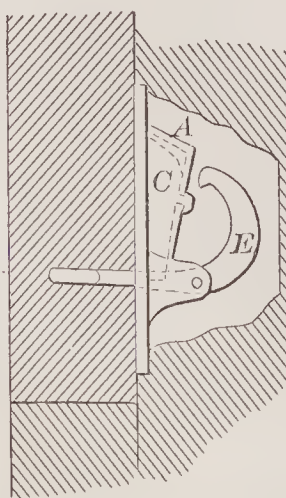
65016—H. & J. Schild—Vented Faucet.

65019—G. B. Simpson—Insulating
Submarine Cable.

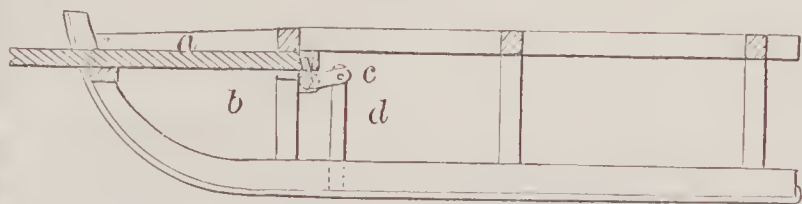
65020—N. Simpson—Beehive.

65018—T. Shaw—Steam Generator
Gauge Cock.

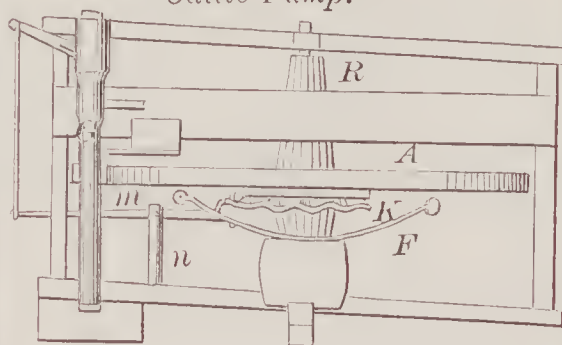
65015—J. N. Sawtell—Sash Support.



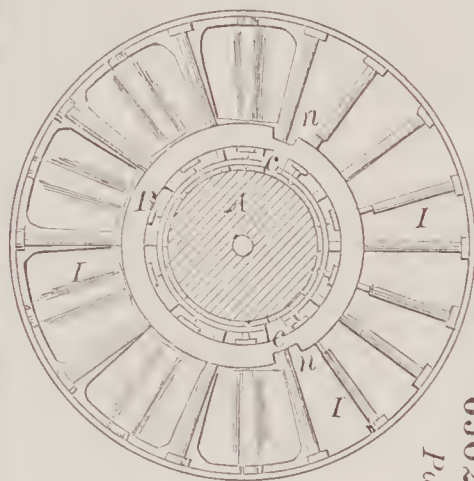
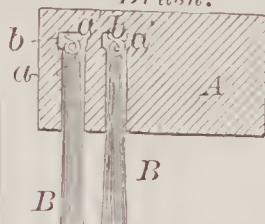
65021—H. Sipe—*Sleigh Brake.*



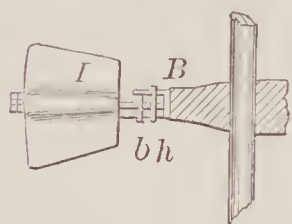
65026—H. W. Thornburg—*Cattle Pump.*



65029—
A. M. White—*Brush.*



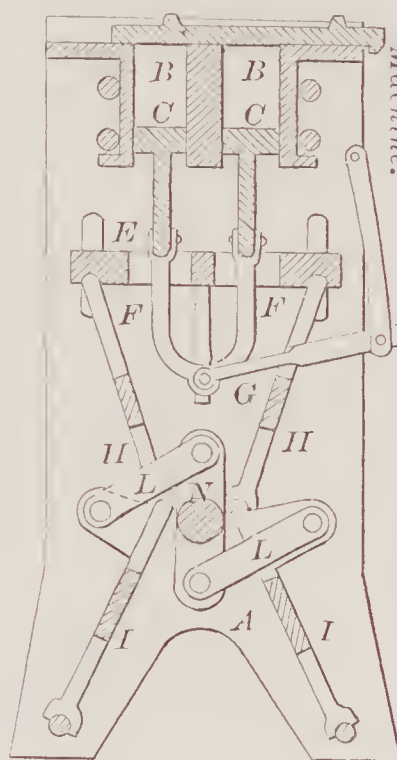
65023—E. Spencer—*Paddle Wheel.*



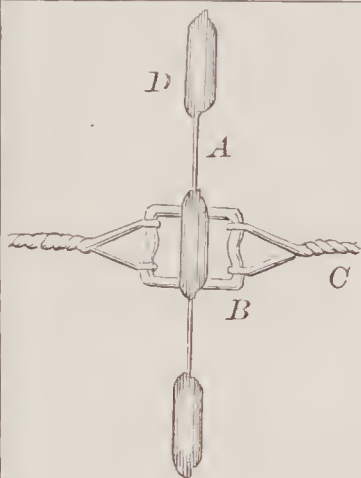
65028—C. Weed—*Bed Bottom.*



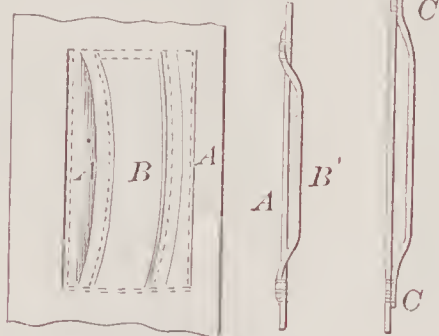
65024—Stewart & Windsor—*Concrete Brick Machine.*



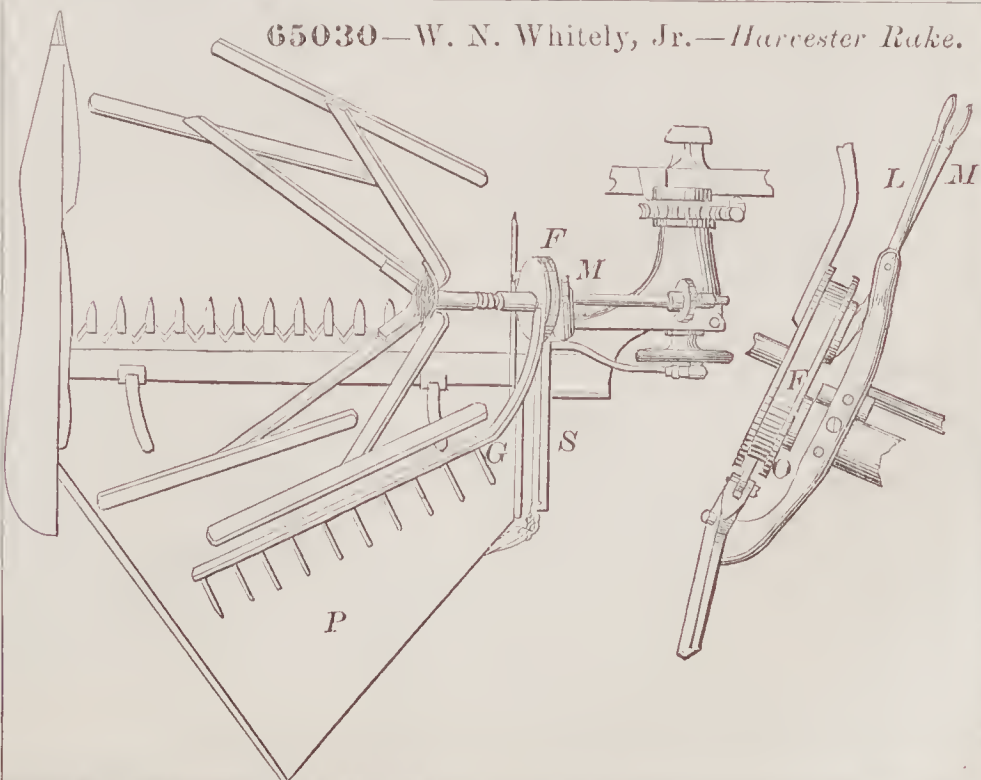
65022—G. W. Sizer—*Toy.*



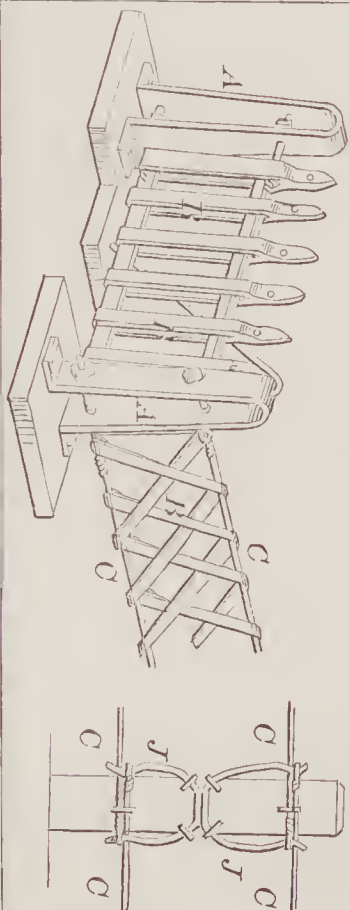
65027—W. J. Turner—*Boot and Gaiter Strap.*



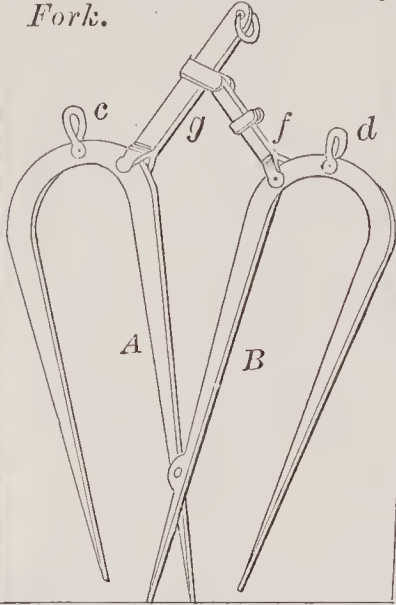
65030—W. N. Whitely, Jr.—*Harcester Rake.*



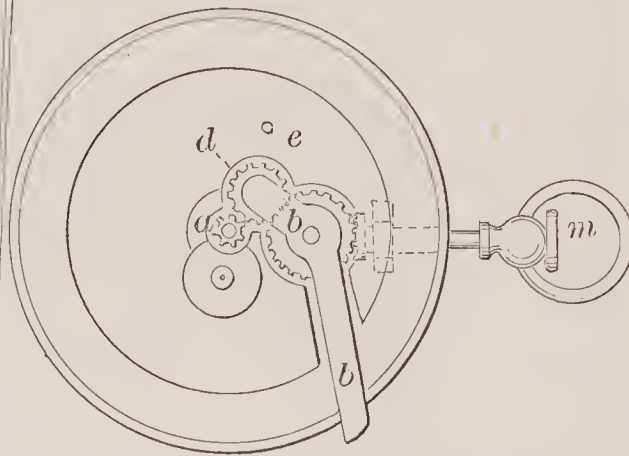
65025—J. Thomas—*Fence.*



65031—Winsler, Campbell & Hardman—*Horse Hay Fork.*



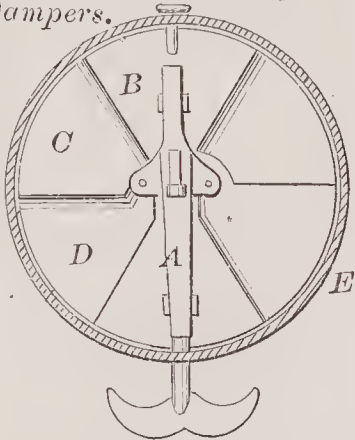
65034—C. V. Woerd—*Watch.*



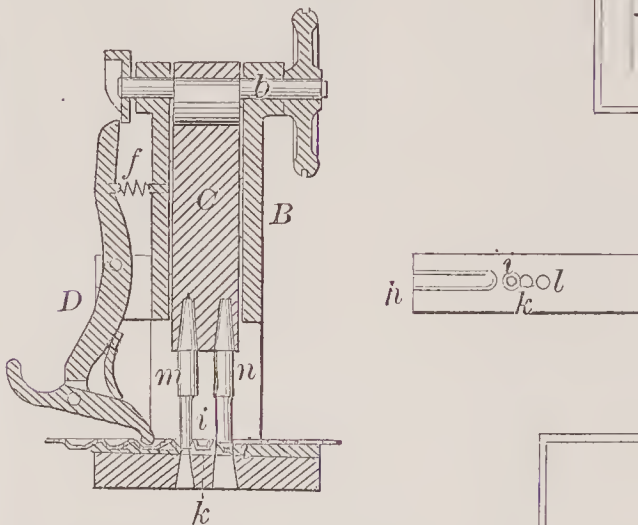
65038—W. Adamson—*For Securing Pulverized Materials to Paper.*



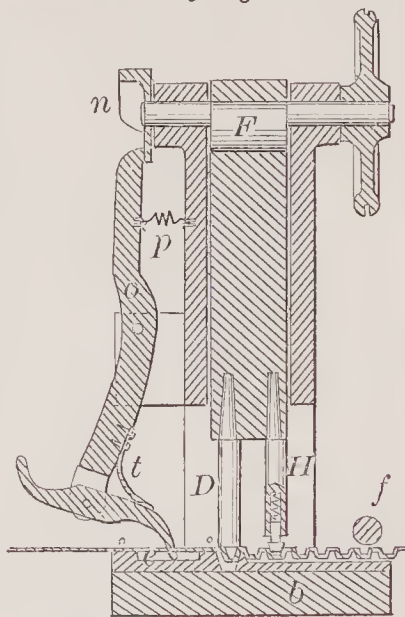
65033—G. B. Wiseman—*Valve for Stove Pipe Dampers.*



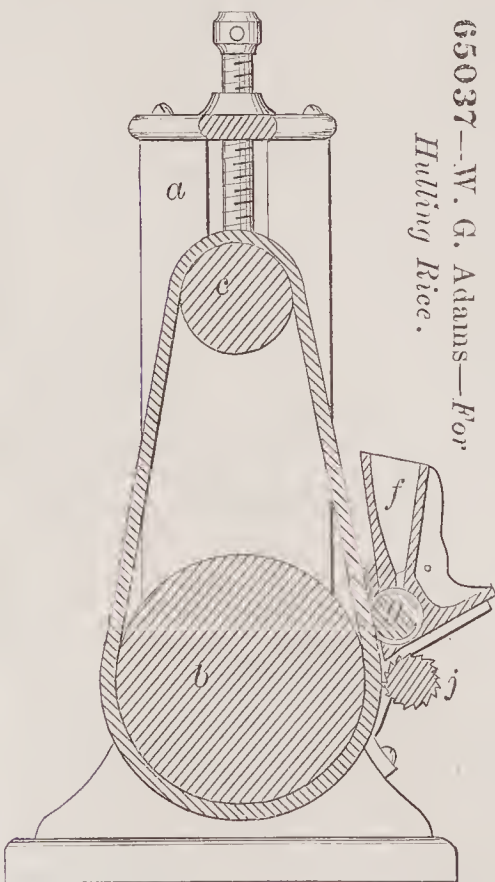
65035—S. W. Young—*For Making Eyelets.*



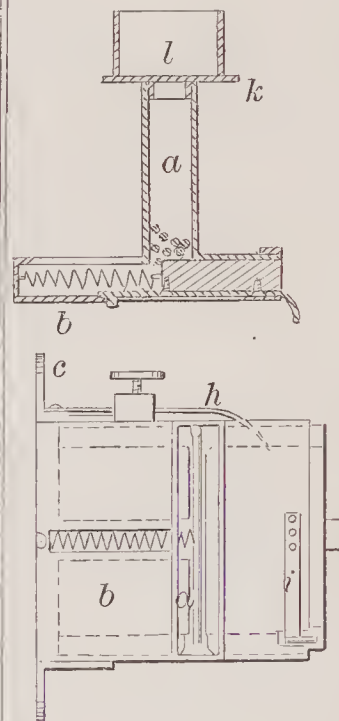
65036—S. W. Young—*For Making Eyelets.*



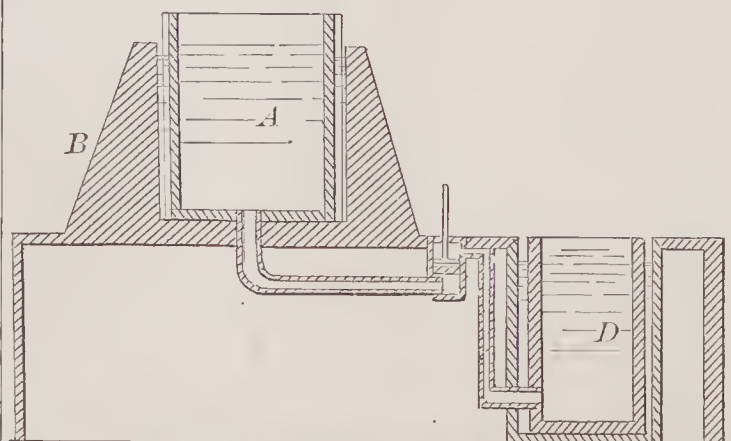
65037—W. G. Adams—*For Hulling Rice.*



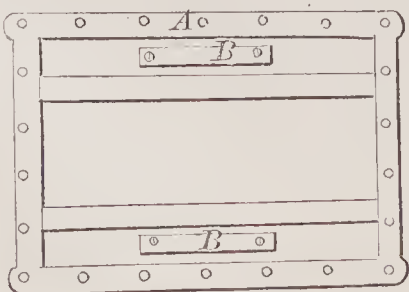
65041—C. A. Babcock—*Match Safe.*



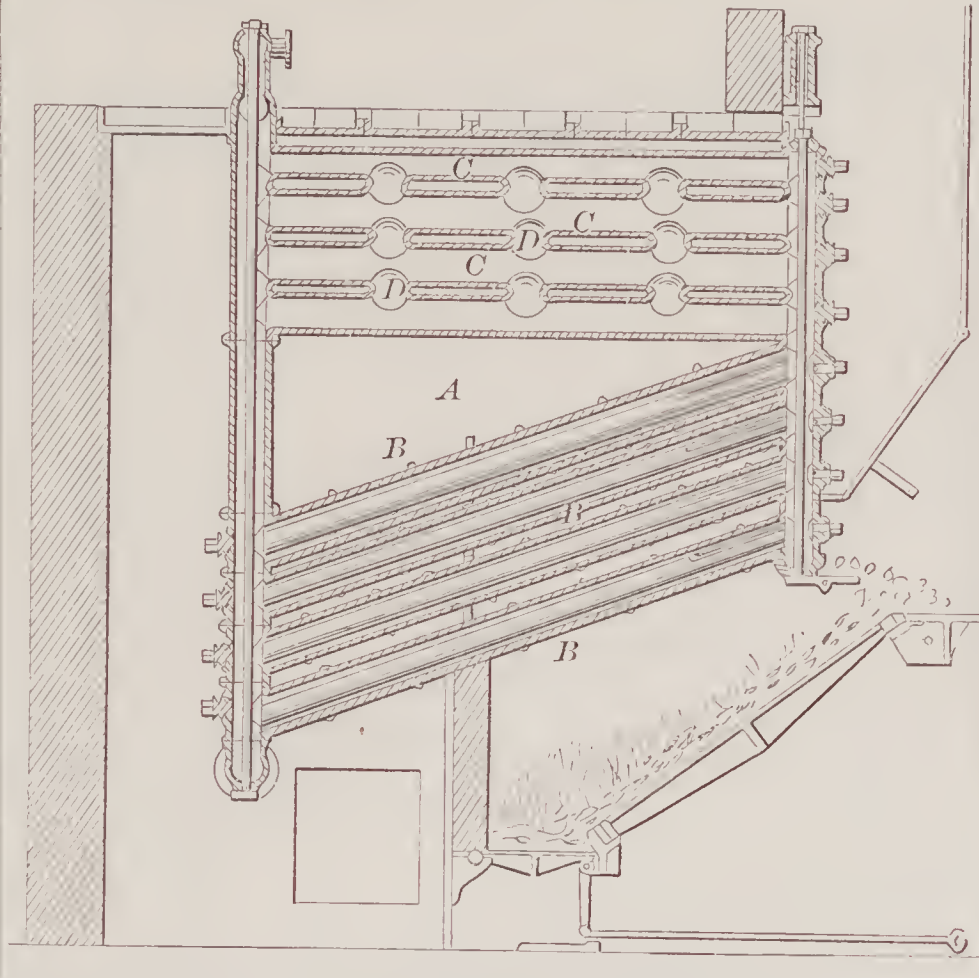
65040—P. Andrew—*Tank for Storage of Petroleum.*



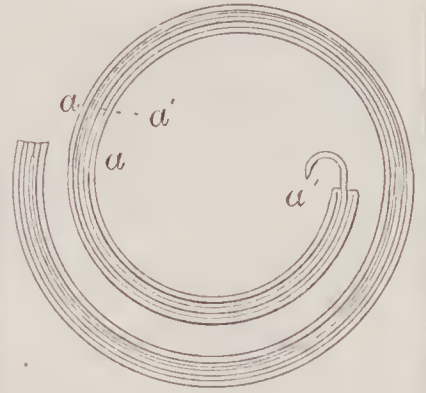
65039—J. H. Aldrich—*Wagon Body.*



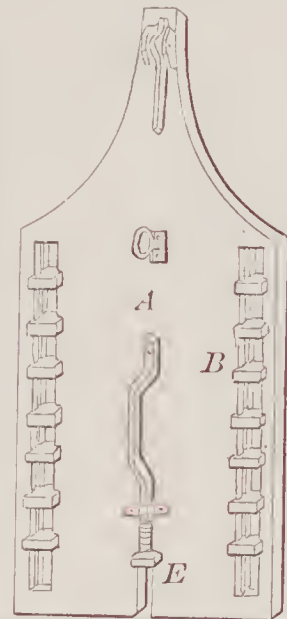
65042—Babcock & Wilcox—*Steam Generator.*



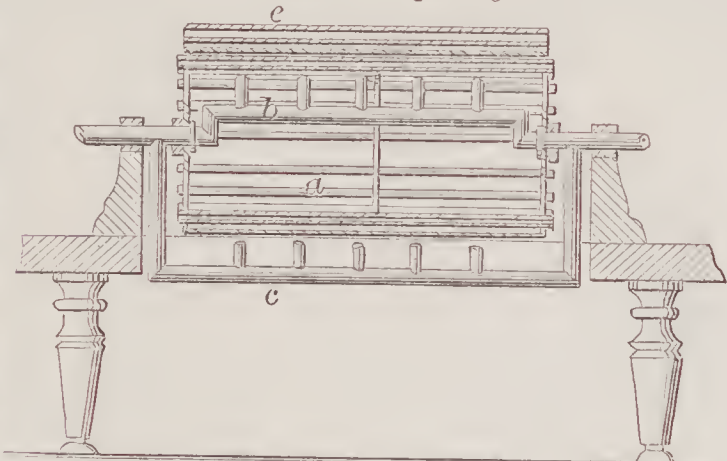
65046—W. Barnes—*Tempering Springs.*



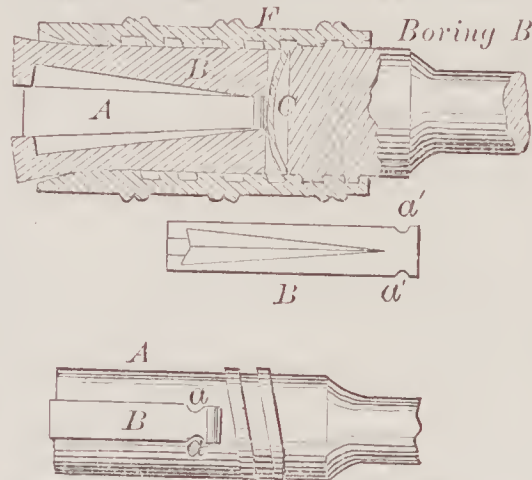
65048—W. L. Beardsley—*Lathing Apparatus.*



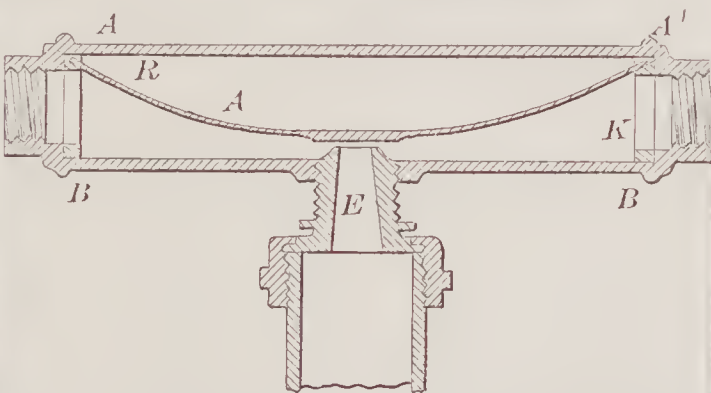
65043—T. W. Ball—*Tempering Umbrella Ribs.*



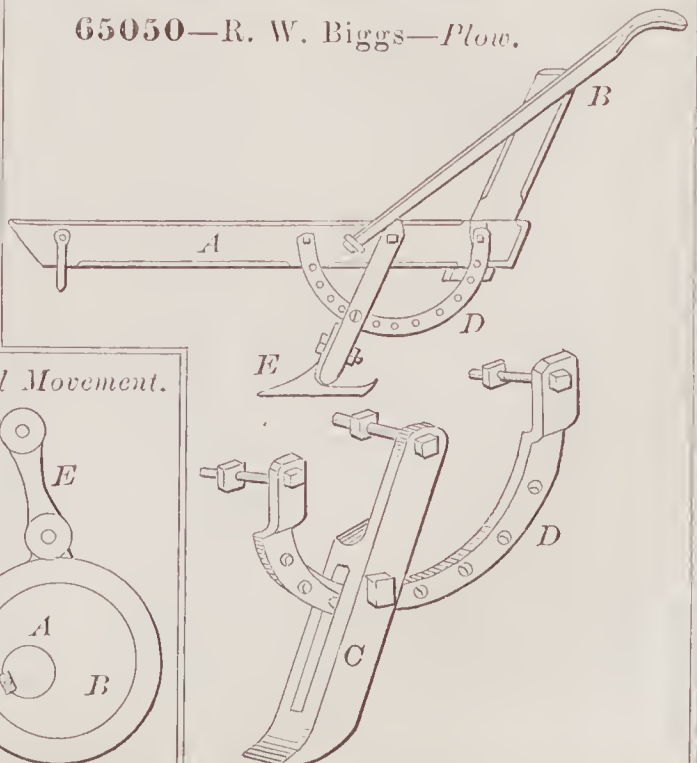
65046—U. S. Bartholomew—*Brace for Boring Bits.*



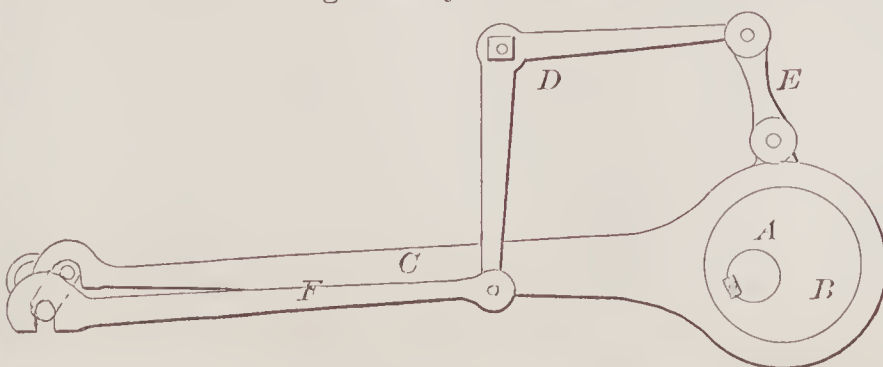
65047—H. W. Bartol—*Steam Trap.*



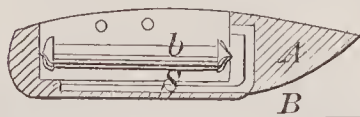
65050—R. W. Biggs—*Plow.*



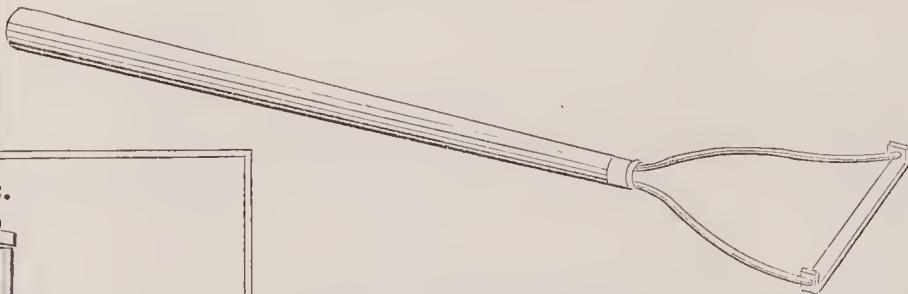
65051—Bloomsburg & Molyneux—*Mechanical Movement.*



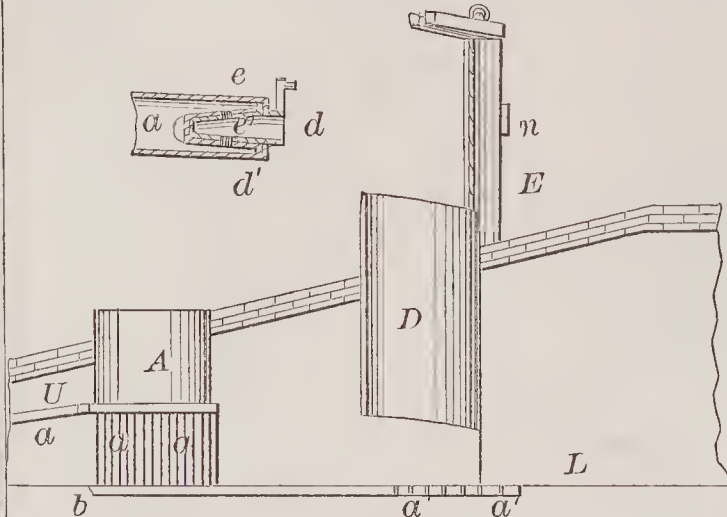
65052—Booth & Davis—*Sewing Machine Shuttle.*



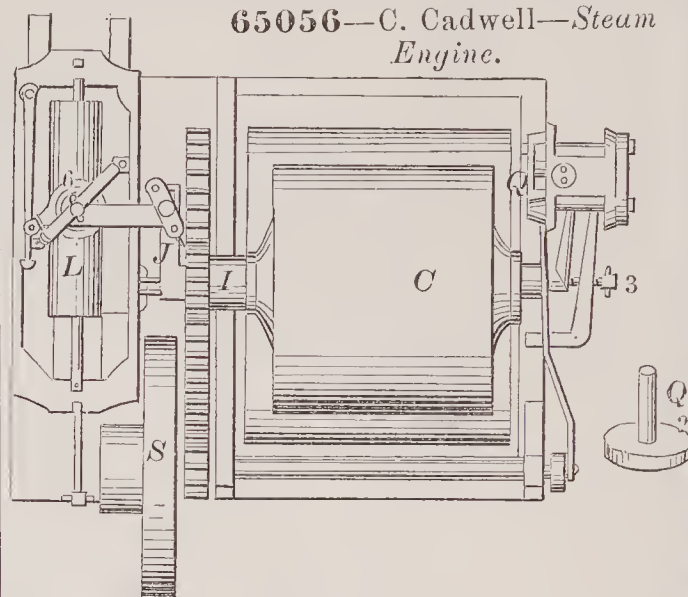
65053—J. H. Brewer—*Garden Hoe.*



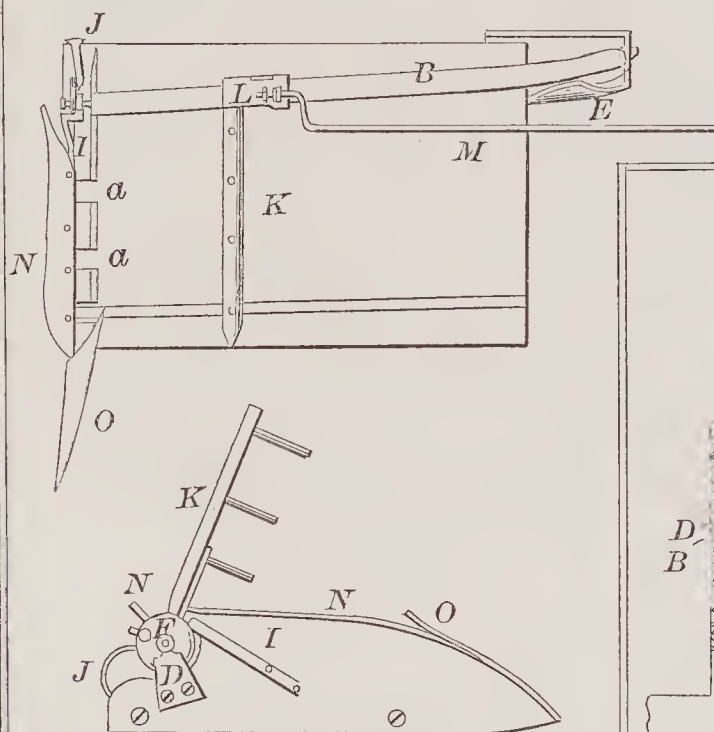
65054—J. Burt—*Canal Lock.*



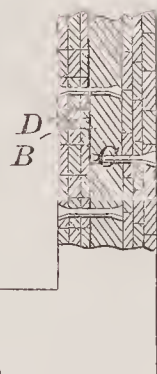
65056—C. Cadwell—*Steam Engine.*



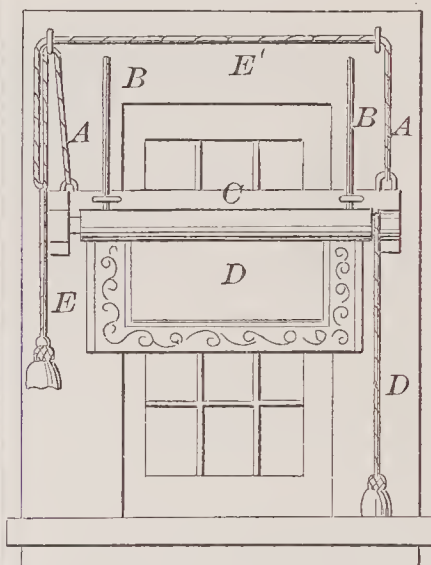
65059—F. E. Cook—*Harvester Rake.*



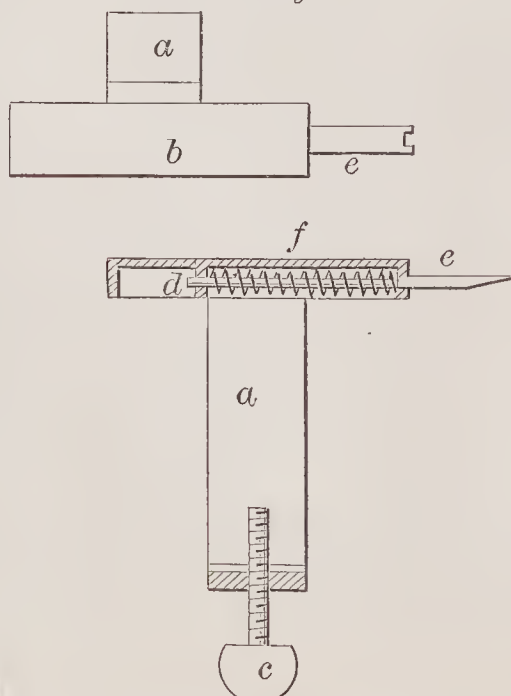
65055—W. H. Butler—*Fireproof Safe.*



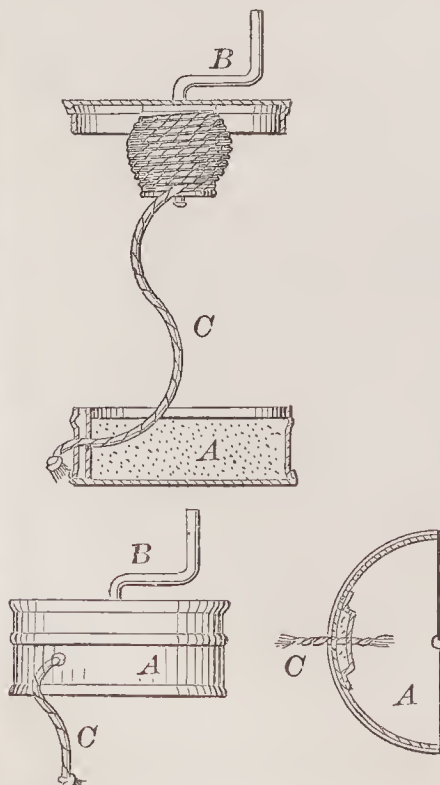
65058—M. Converse—*Curtain Fixture.*



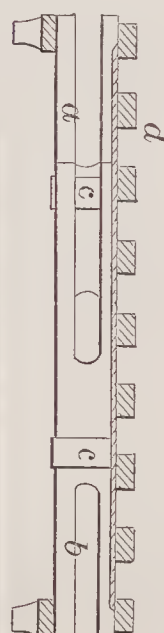
65060—C. T. Crane—*Bench Hook or Dog.*



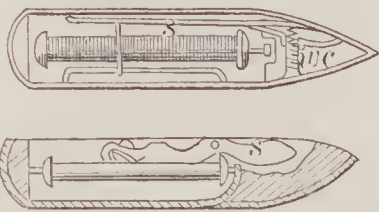
65057—J. W. Carter—*Chalk Line Marker.*



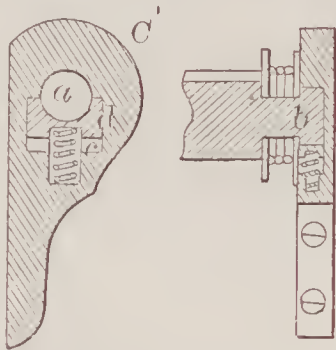
65061—C. Croley—*Bed Bottom.*



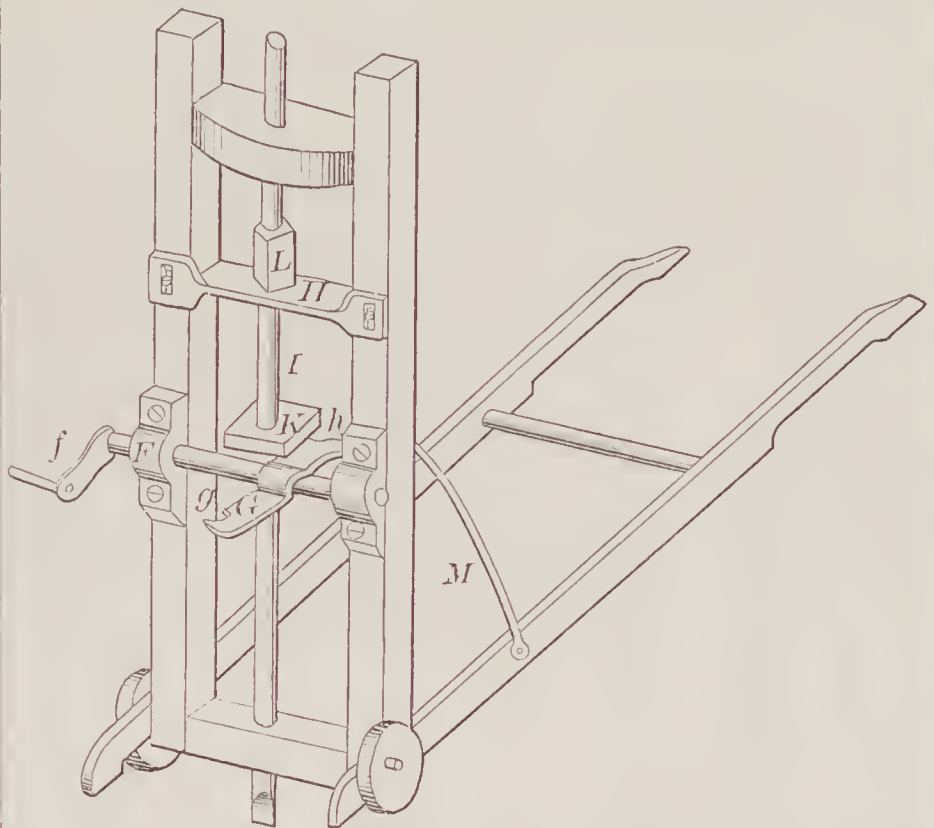
65062—J. A. Davis—
Sewing Machine Shuttle.



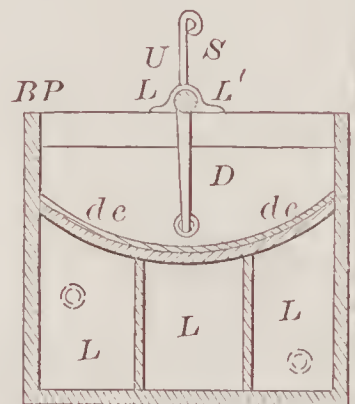
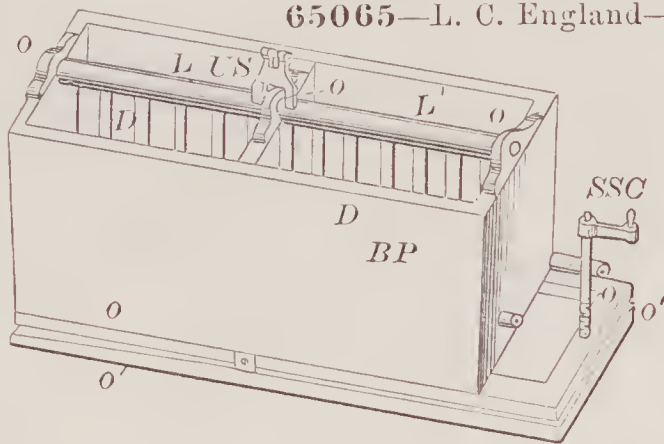
65067—C. H. Fowler—
Curtain Fixture.



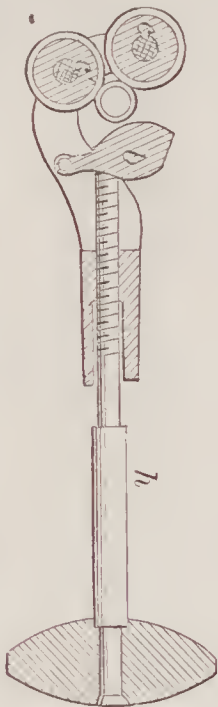
65064—D. S. Early—*Rock Drill.*



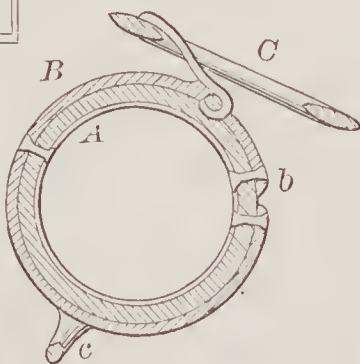
65065—L. C. England—*For Evaporating Liquids.*



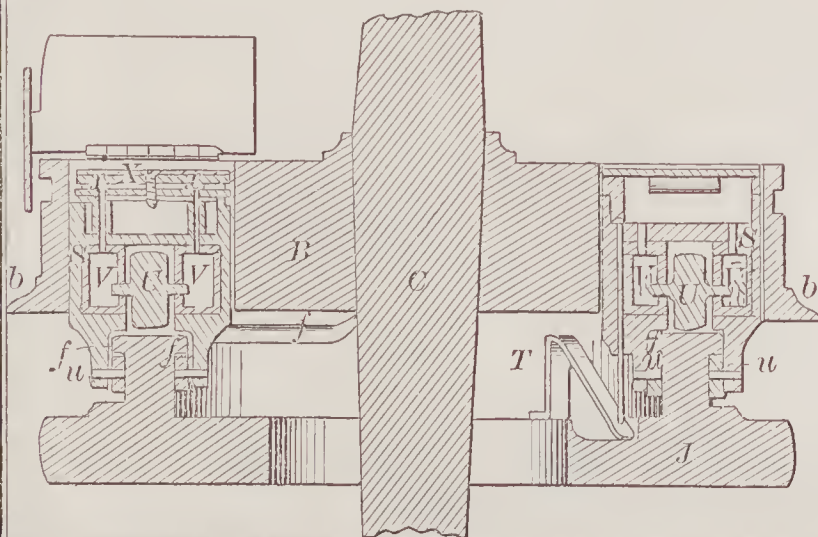
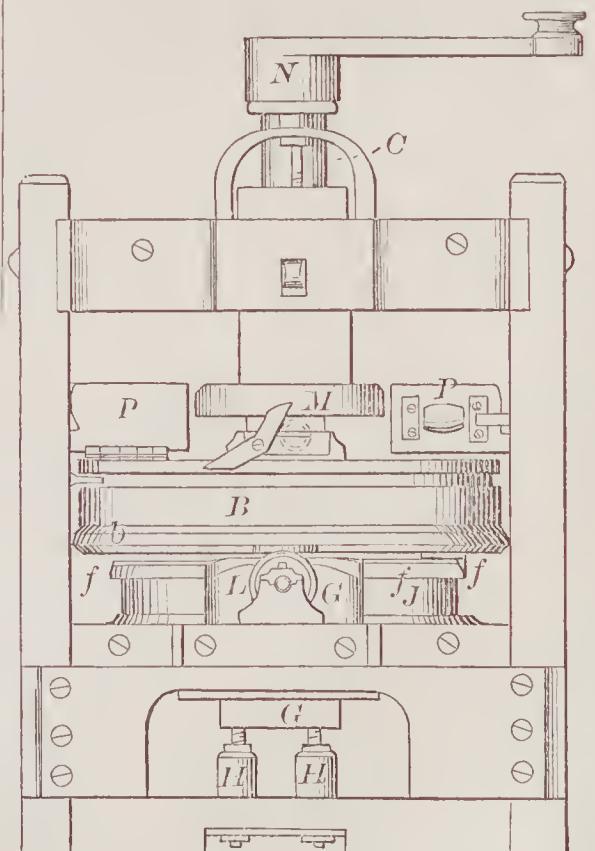
65066—T. S. Foster—*Pine Cutter.*



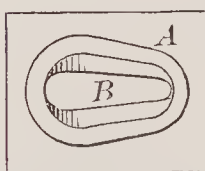
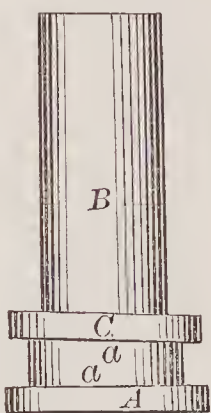
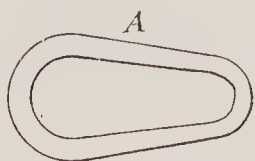
65068—K. Frazer—
Shaft Tug.



65069—E. R. Gard—*Brick Press.*

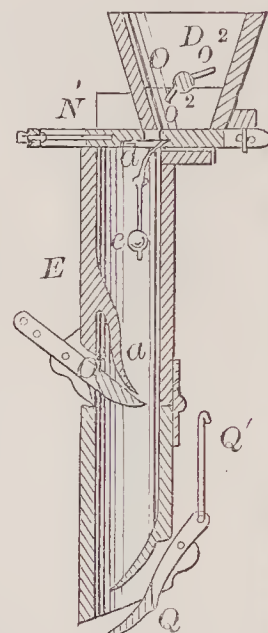
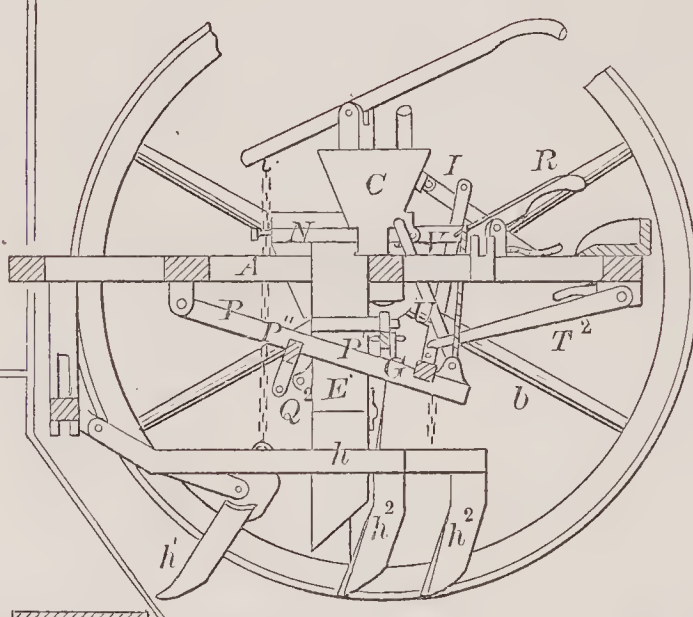
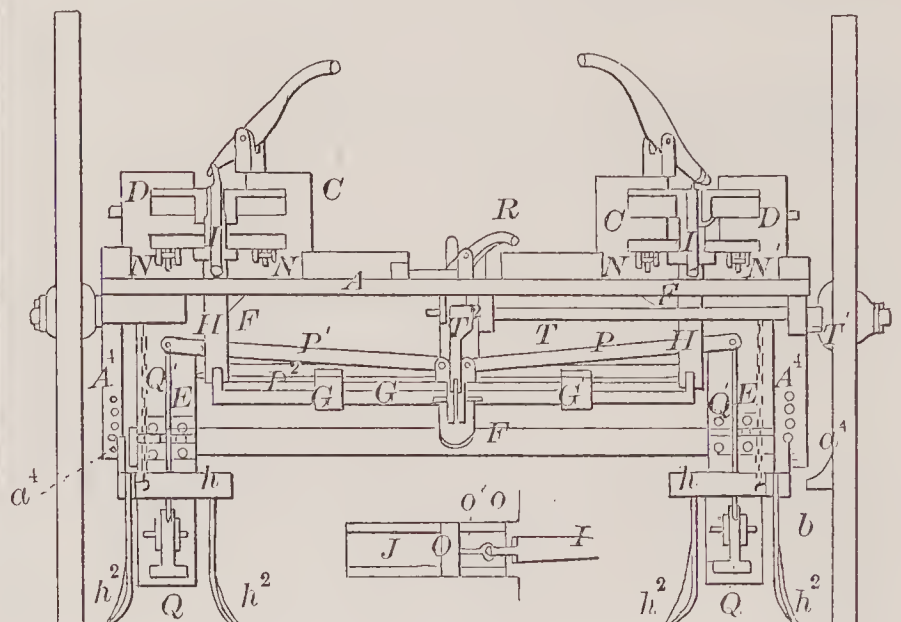


65070—J. H. Greenleaf—
*Forming the Edges of
Waterproof Soles.*

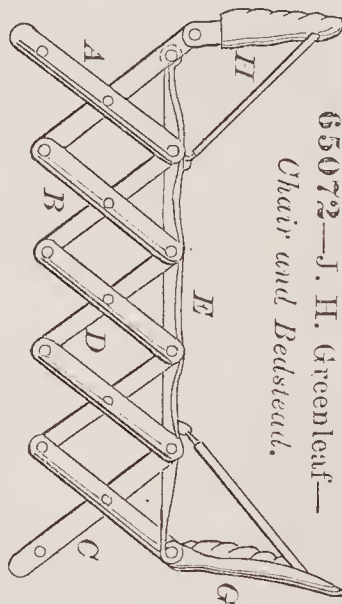
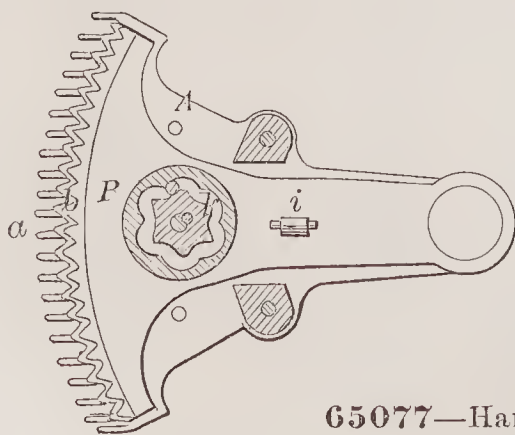
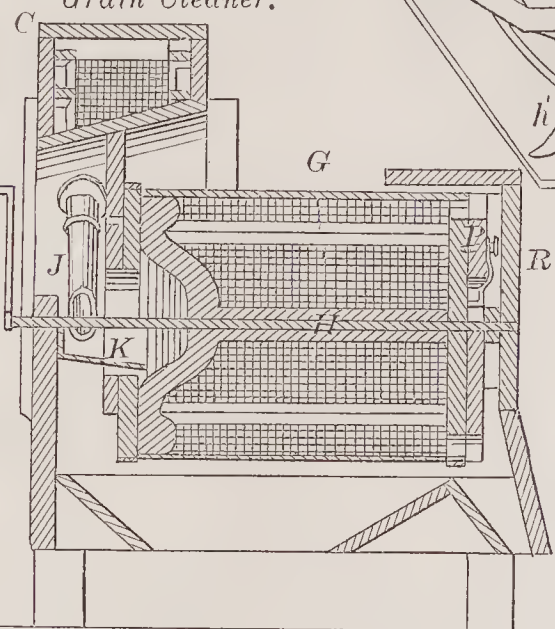


65071—J. H. Greenleaf—*Forming the Edges of
Waterproof Soles.*

65073—B. F. Grimes—*Corn Planter and Fertilizer.*

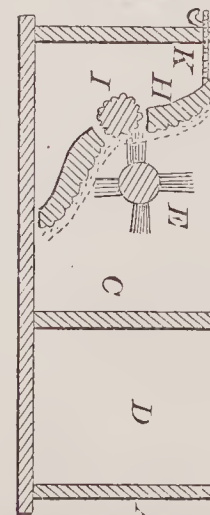
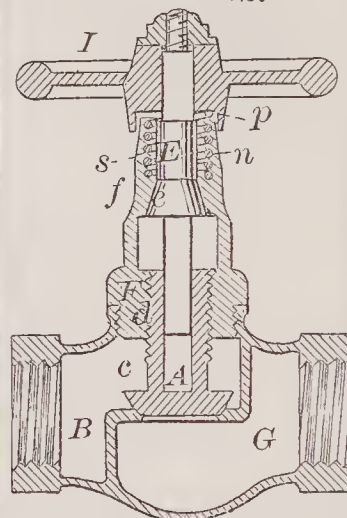


65074—J. A. Hall—
Grain Cleaner.



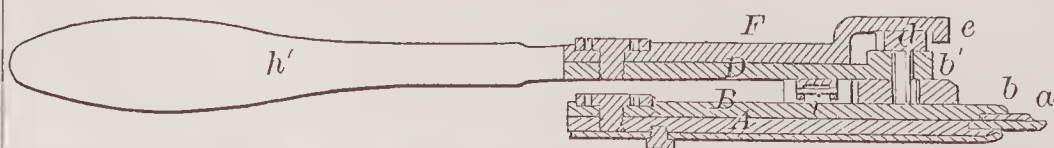
65072—J. H. Greenleaf—
Chair and Bedstead.

65075—A. Hallowell—
Steam Cock.

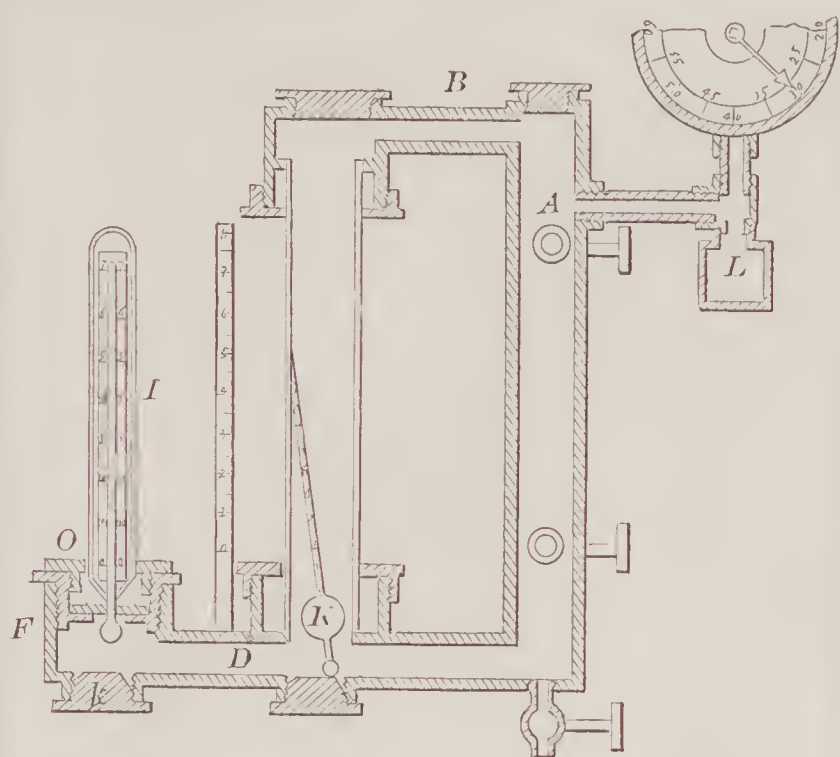


65076—W. H. Hanson—
Washing Machine.

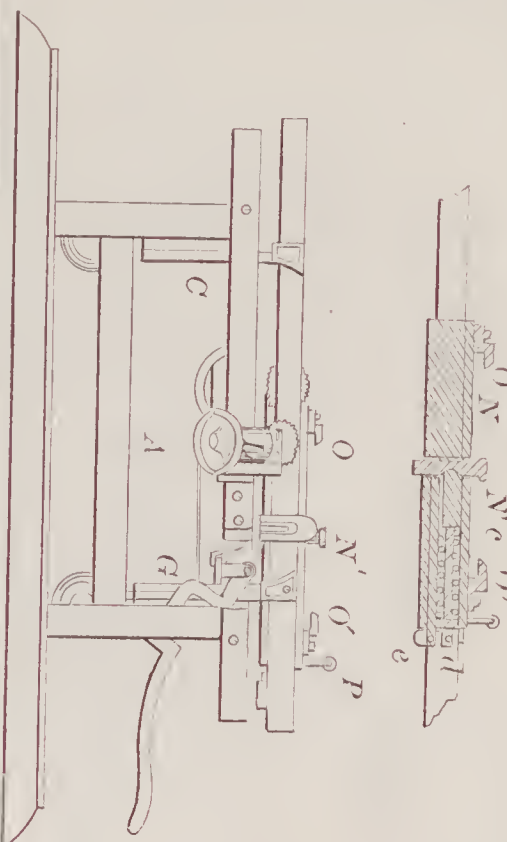
65077—Harlow & Perry—*For Cutting
Hair, Grass, &c.*



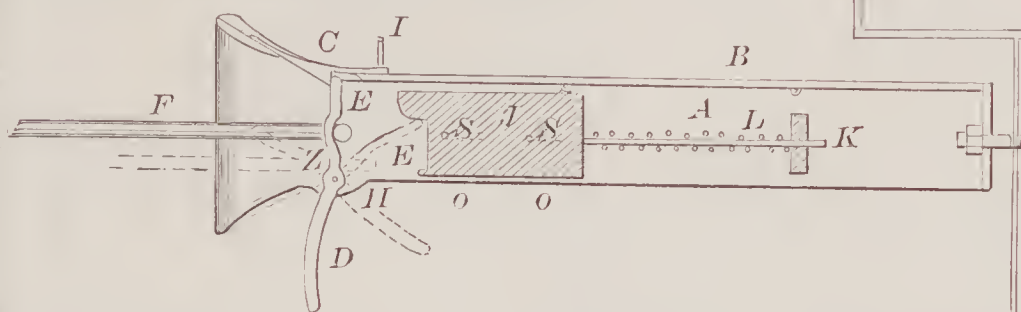
65078—W. Hart—*Indicating Apparatus for Stills.*



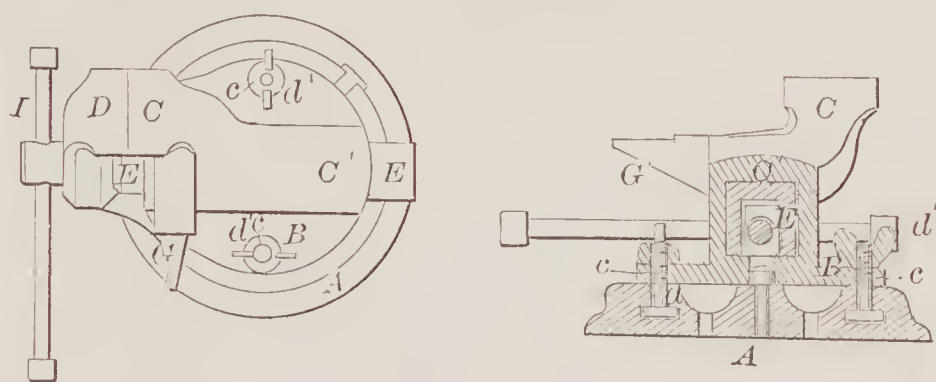
65080—G. R. Hay—*For Joining Staves.*



65079—A. Hartman—*Car Coupling.*



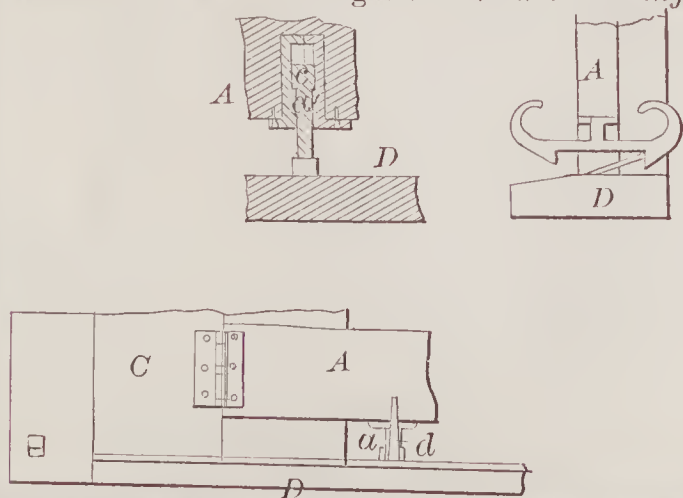
65081—J. S. Hoar—*Vise.*



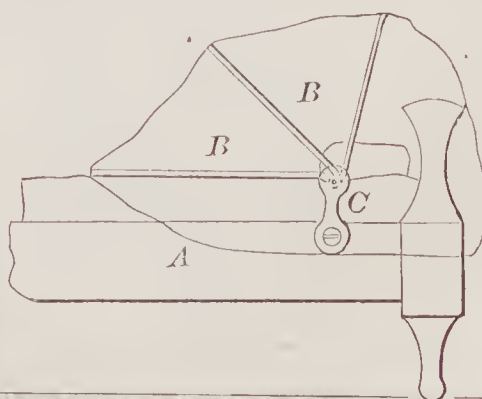
65083—G. W. Hunt—*Door Stop.*



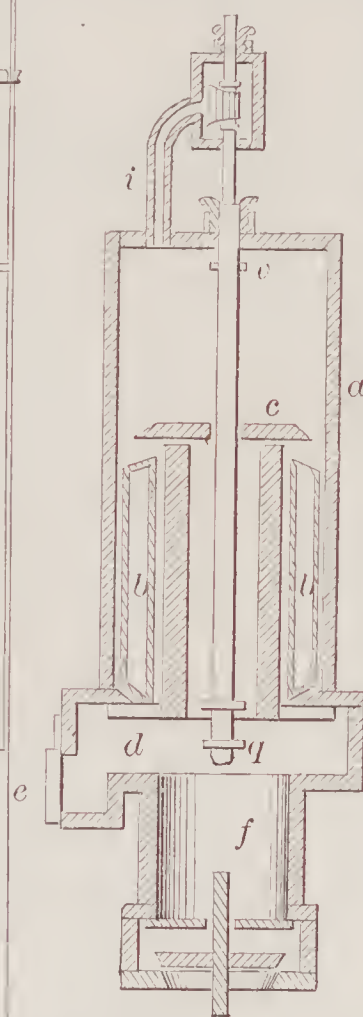
65086—S. W. Huntington—*Blind Fastening.*

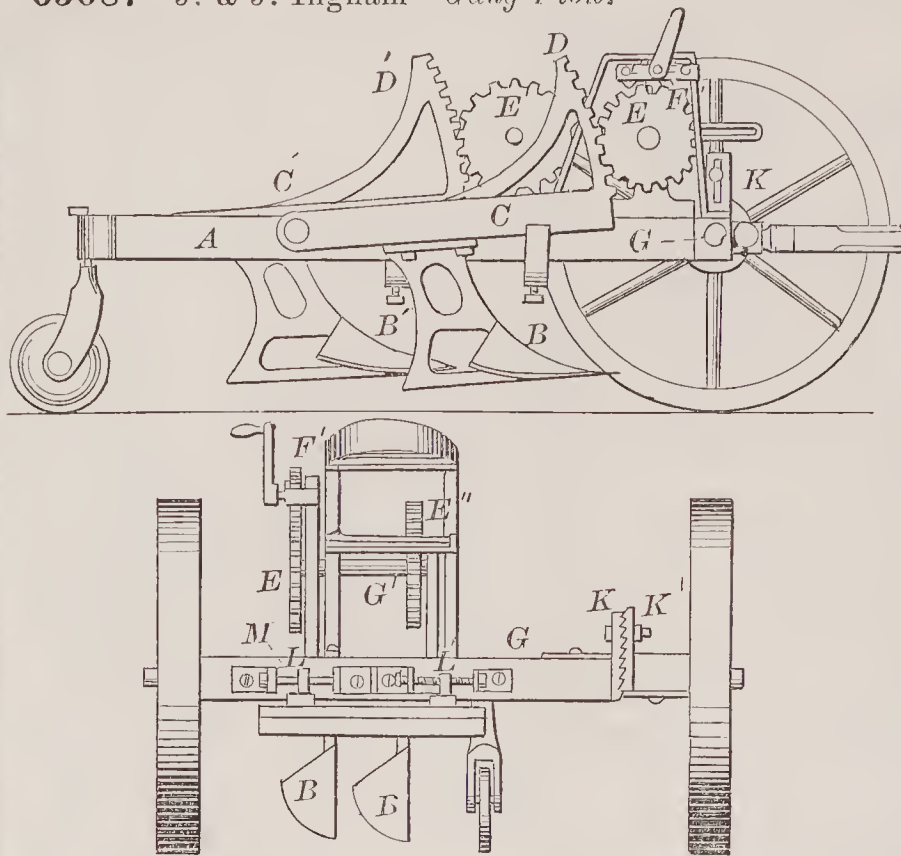
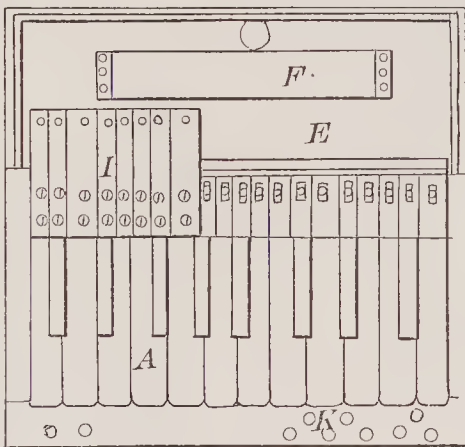
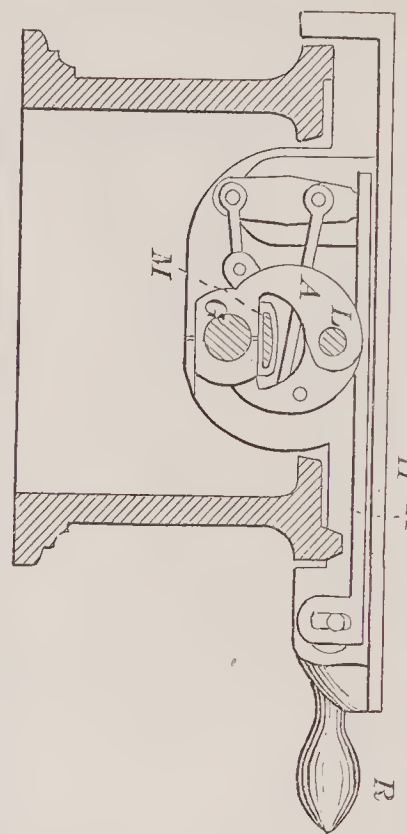
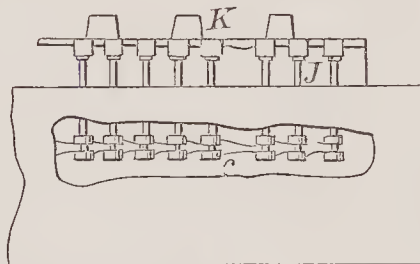
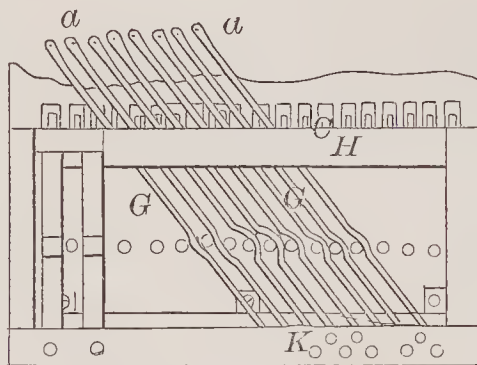
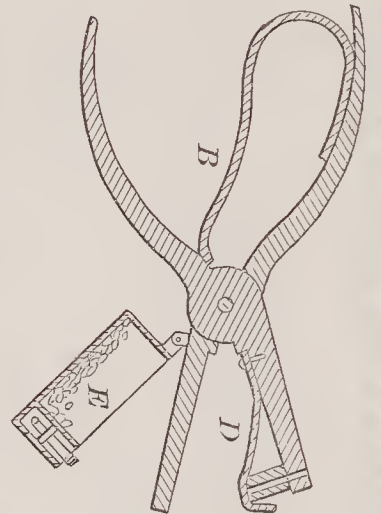
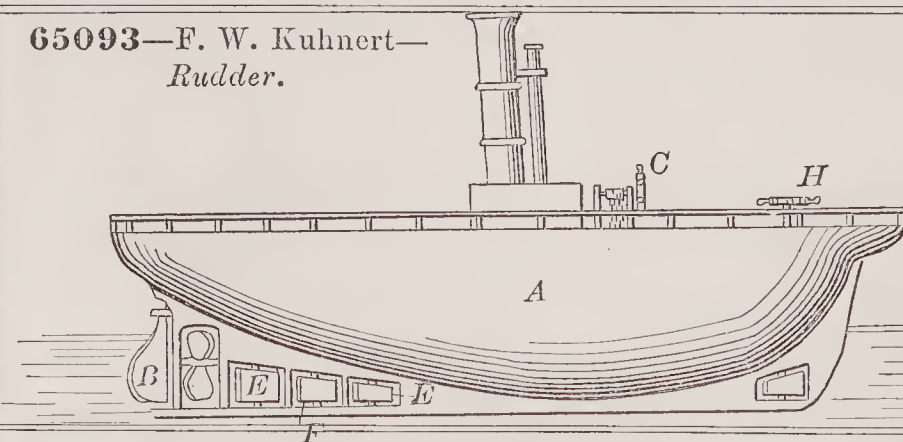
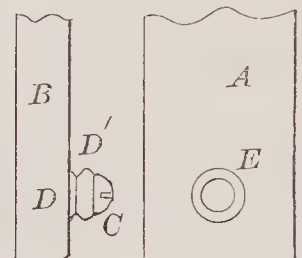
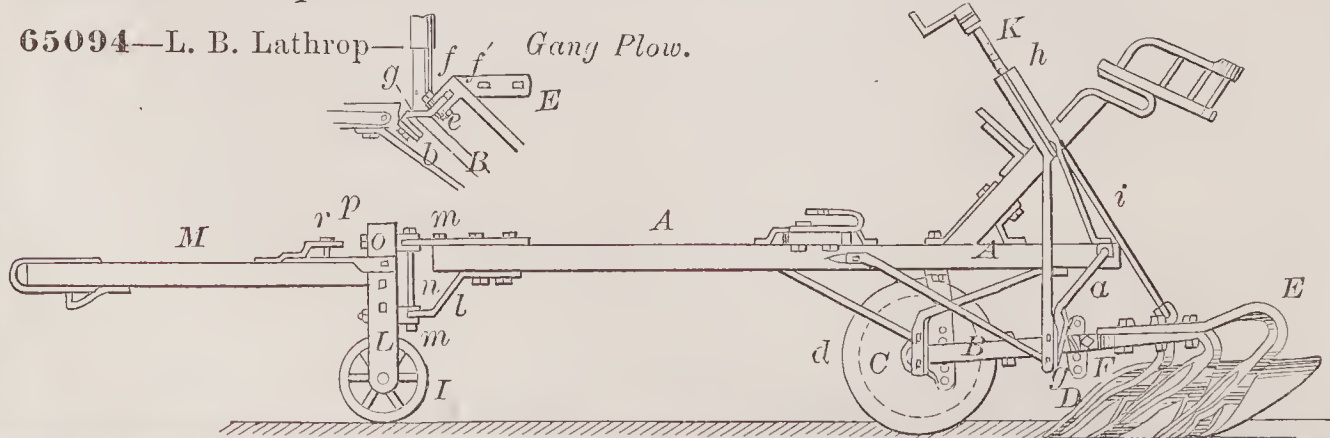


65085—J. S. Hunter—*Mosquito Bar.*

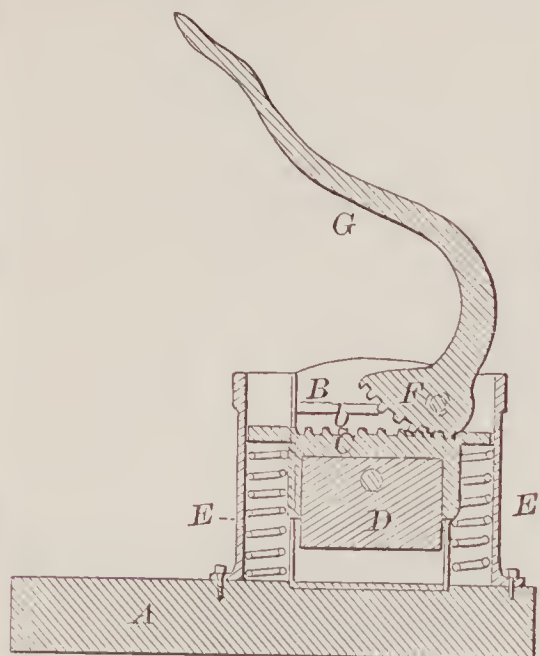


65082—W. L. Horne—*Steam Water Elevator.*

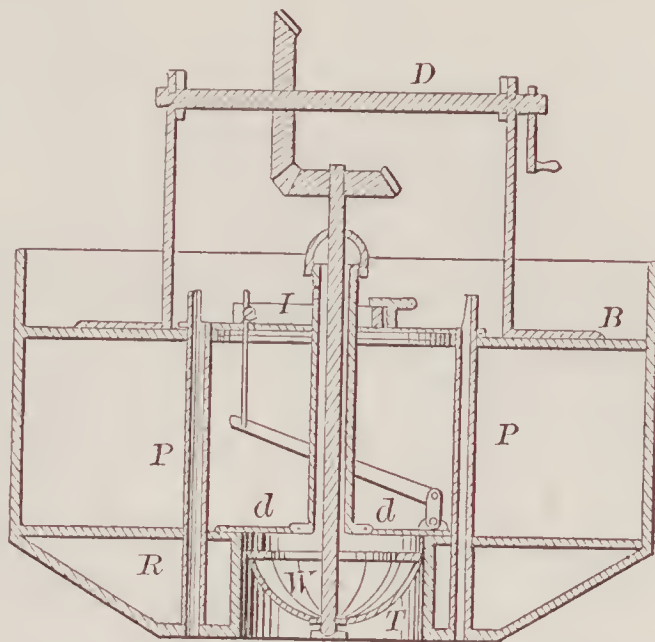


65087—J. & J. Ingham—*Gang Plow.*65089—W. Johnson—*Turning Lathe.*65088—S. A. Jewett—*Melodeon.*65090—R. J. Kellett—*Punch for Car Tickets.*65093—F. W. Kuhnert—*Rudder.*65091—T. E. King—*Elastic Button for Carriages.*65094—L. B. Lathrop—*Gang Plow.*

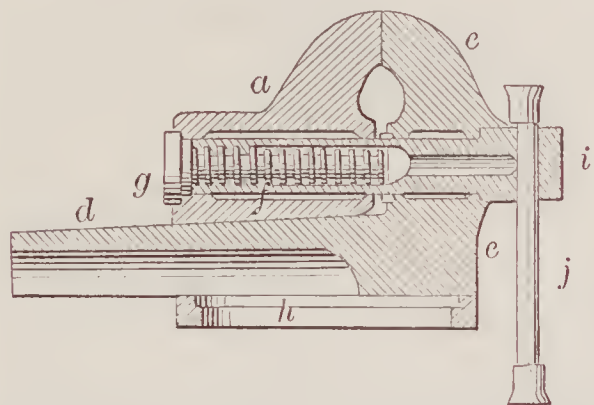
65095—N. W. Lee—*Tobacco Cutter.*



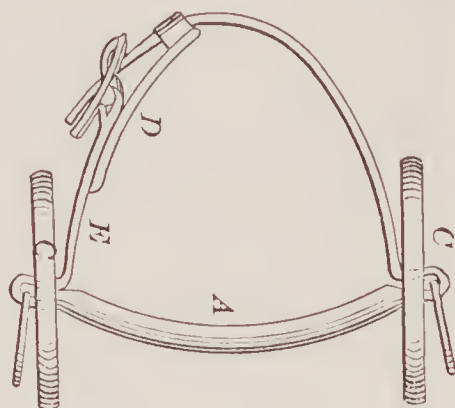
65099—C. F. Martorana—*Centrifugal Pump.*



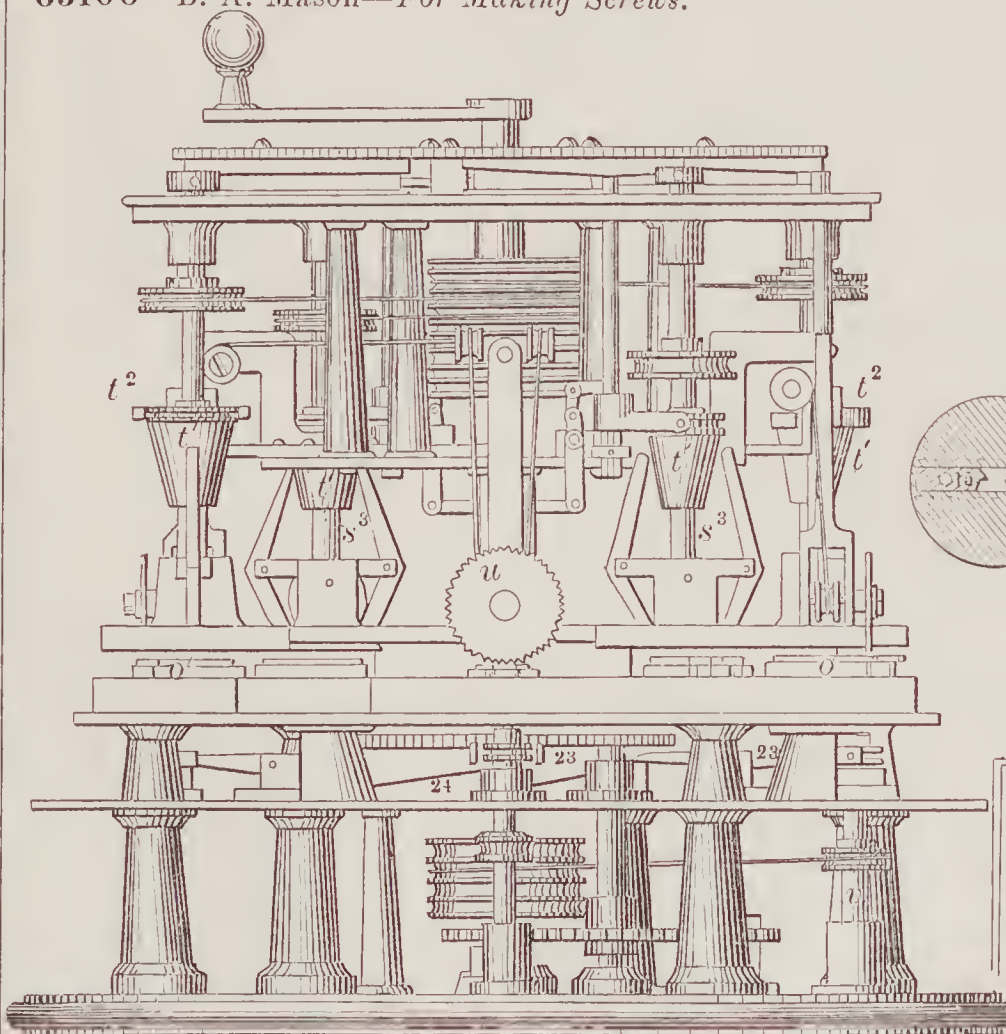
65097—J. H. Lewis—*Vise.*



65101—J. F. Mason—*Bridle.*



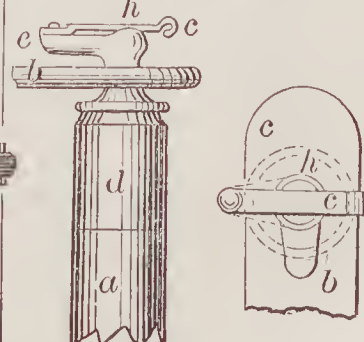
65100—B. A. Mason—*For Making Screws.*



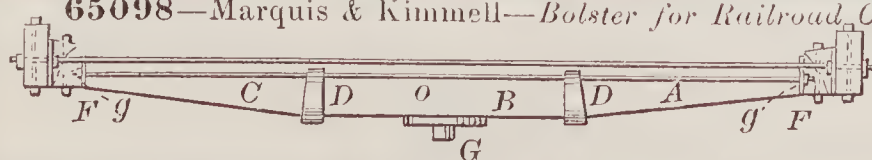
65102—M. F. Munn—*Cotton Bale Tie.*

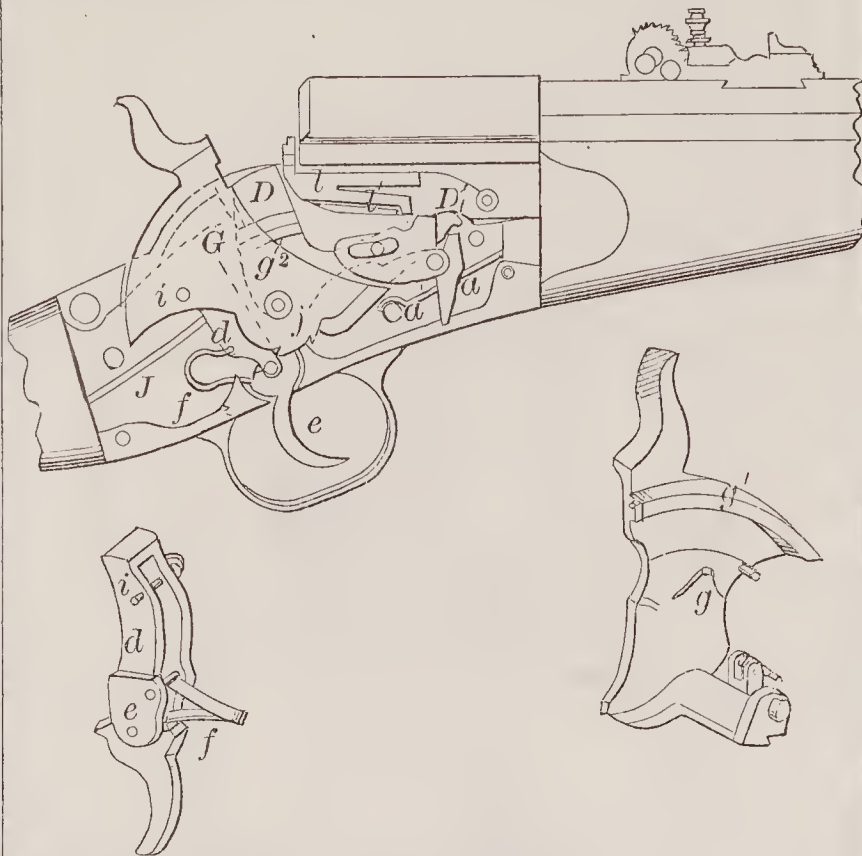
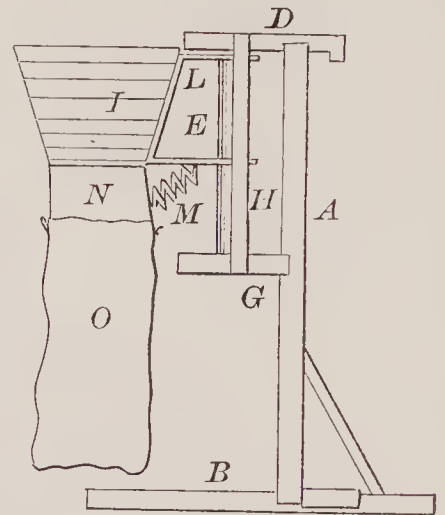
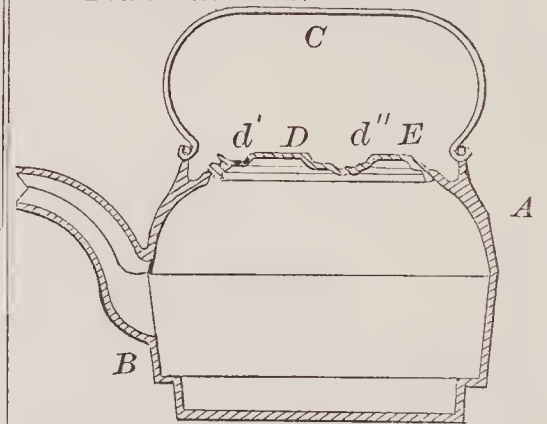
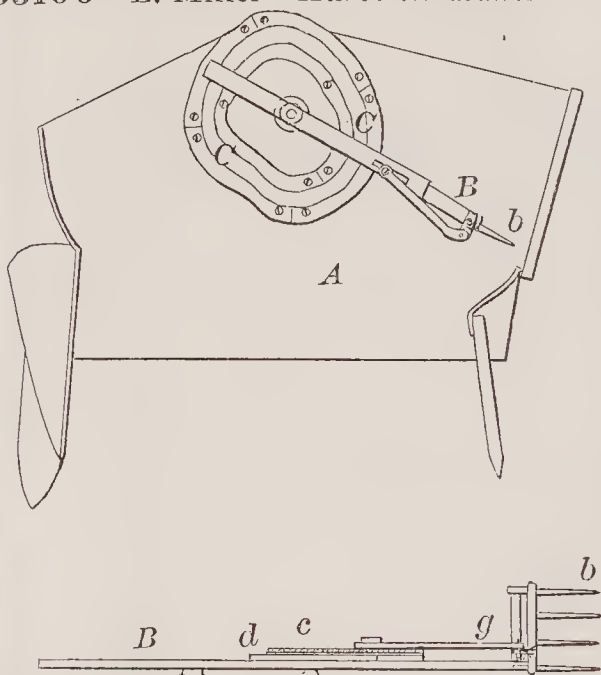
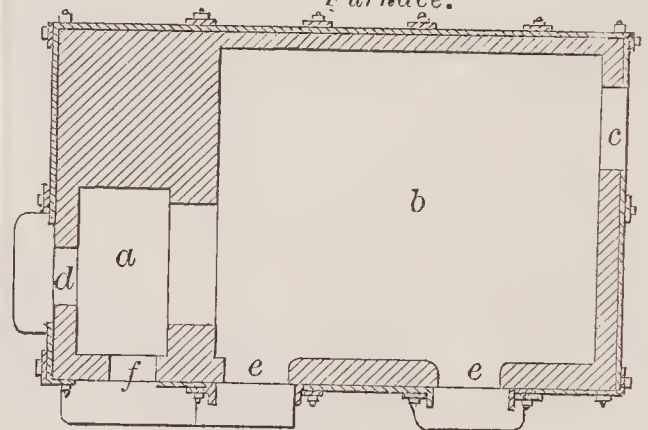
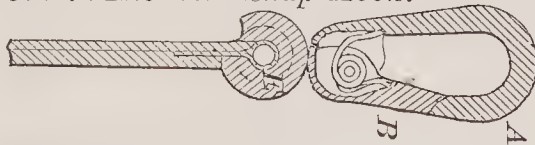
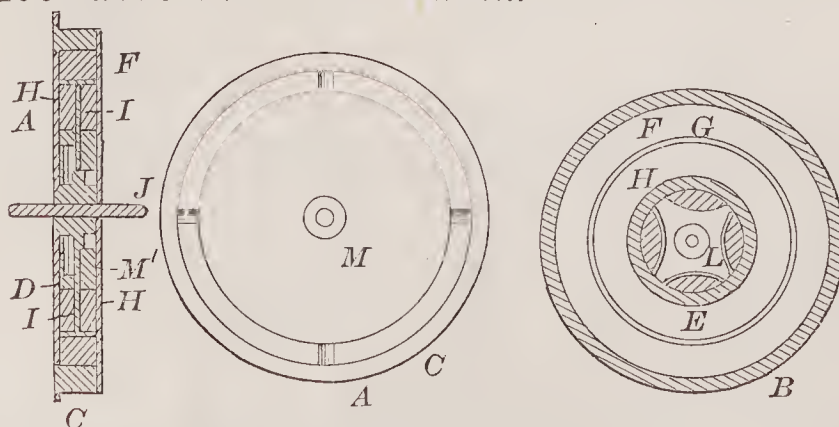
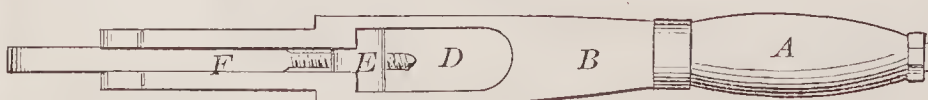
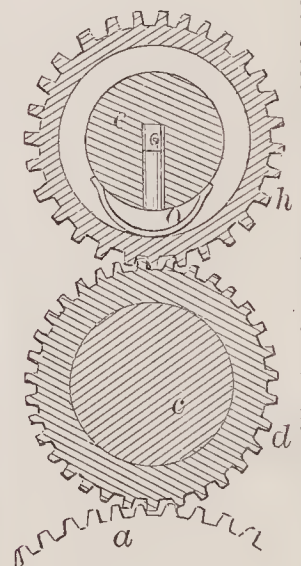


65096—B. A. Lewis—*Trace Fastening.*

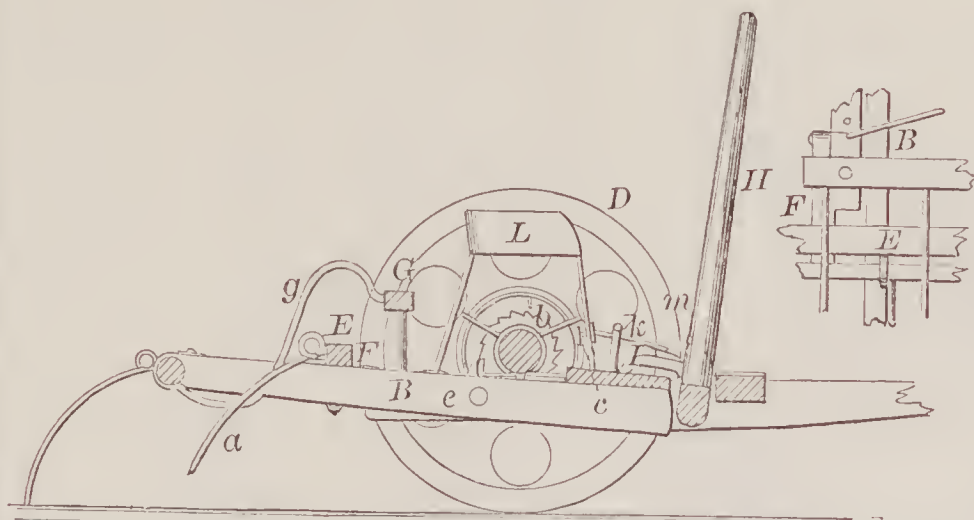


65098—Marquis & Kimmell—*Bolster for Railroad Cars.*

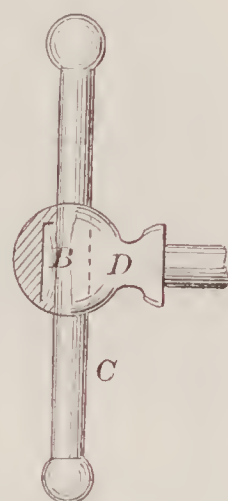


65103—R. McChesney—*Breech-Loading Fire Arm.*65105—J. Melcher—*Bag Holder.*65104—W. L. McDowell—*Tea Kettle Lid.*65106—L. Miller—*Harvester Rake.*65110—G. Nimmo—*Heating and Welding Furnace.*65107—C. E. Mitchell—*Snap Hook.*65109—D. P. Nickerson—*Car Wheel.*65111—J. L. Ordner—*Pipe Wrench.*65112—S. Ottenheimer—*Corset Loom.*

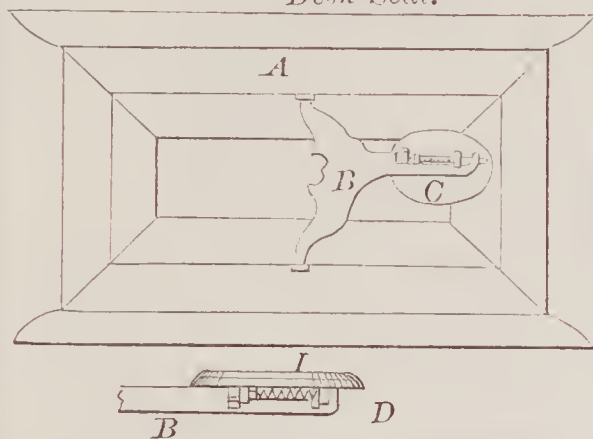
65113—G. N. Palmer—*Horse Rake and Hay Spreader.*



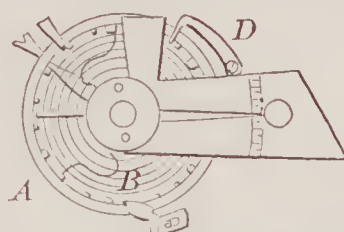
65114—B. F. Perkins—*Tise.*



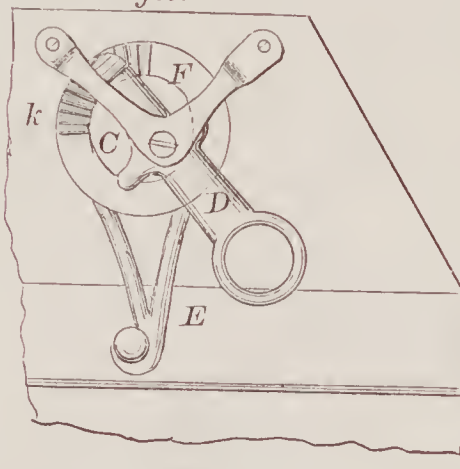
65115—W. R. Pomeroy—*Counter and Desk Seat.*



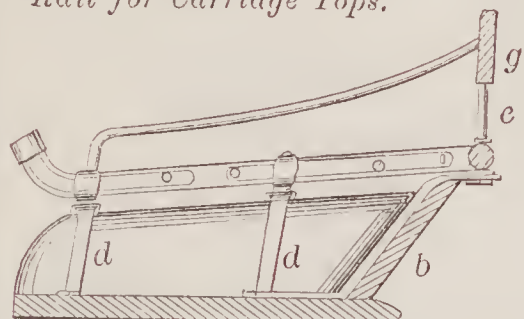
65116—G. Ramsay—*Balance Wheel of Watches.*



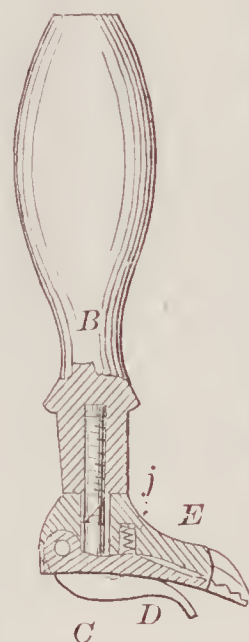
65118—M. C. Remington—*Fastening Seats to Carriages.*



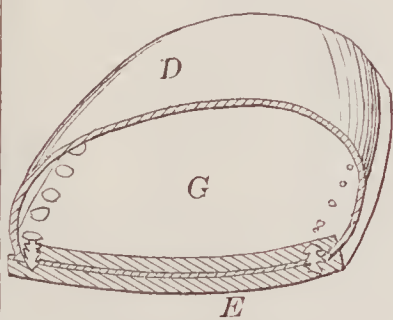
65119—U. Reynolds—*Shifting Rail for Carriage Tops.*



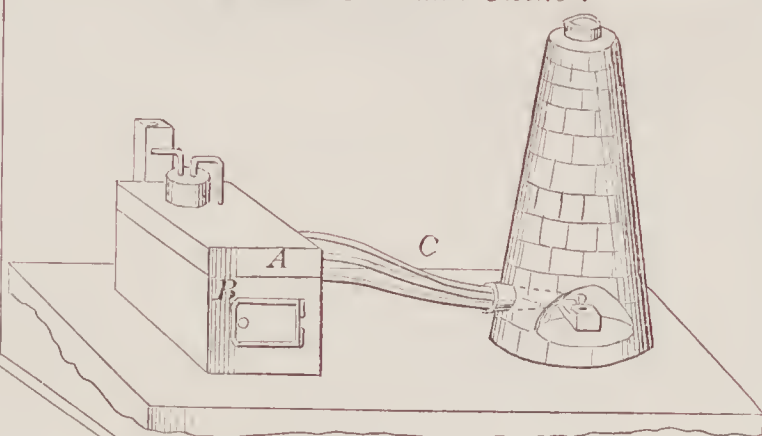
65117—Rastetter & Sineox—*Shank Laster.*



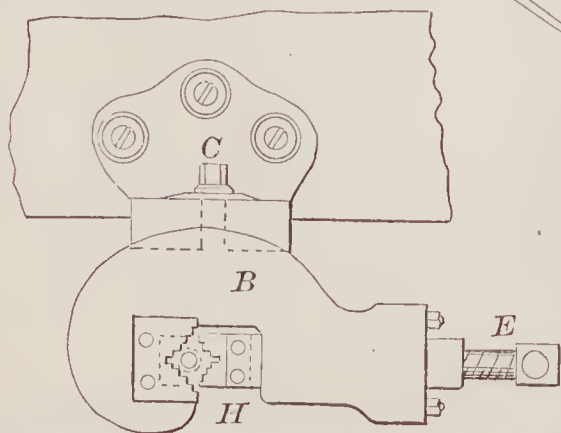
65120—E. P. Richardson—*Boots and Shoes.*



65122—S. C. Salisbury—*Reducing and Refining Metallic Ores and Oxides.*



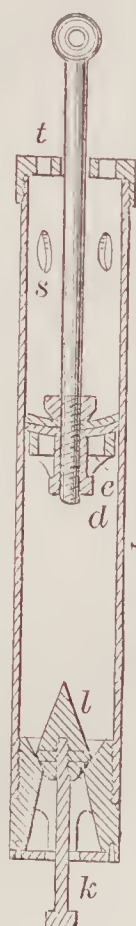
65124—D. Saunders—*Pipe Vise.*

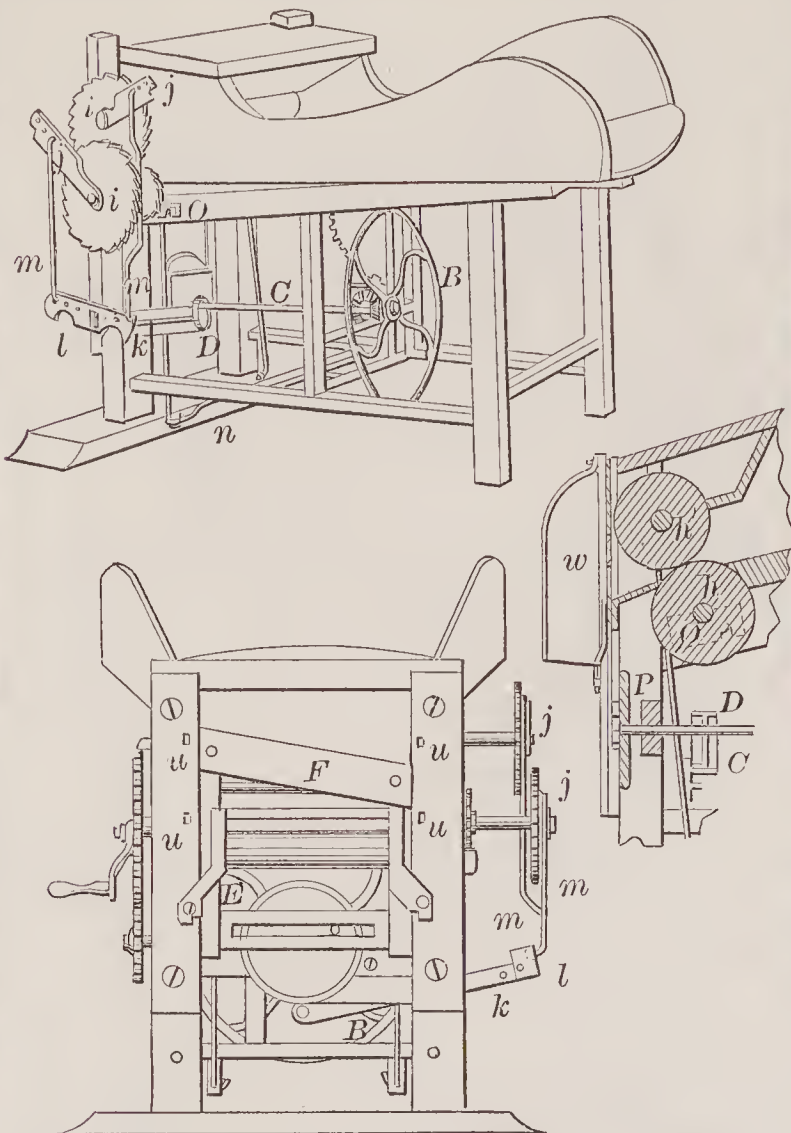
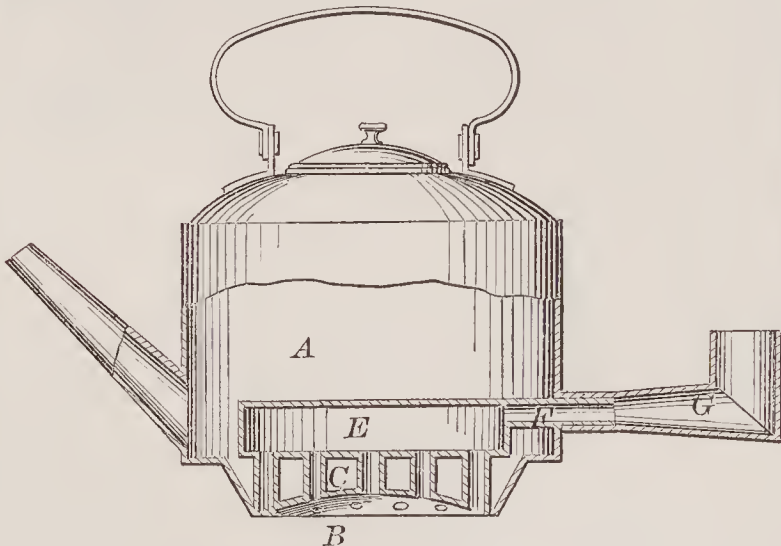
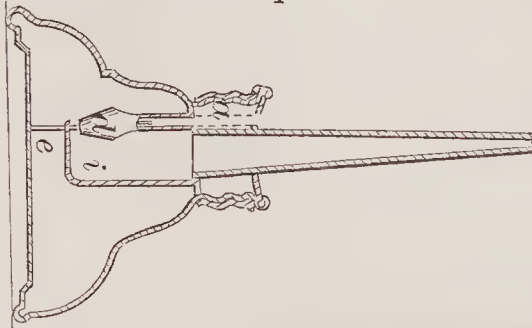
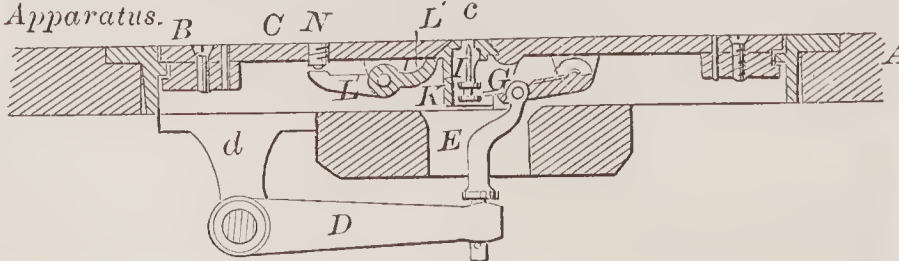
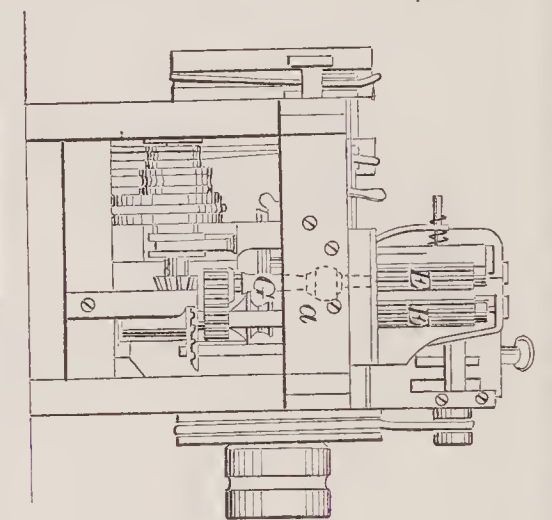
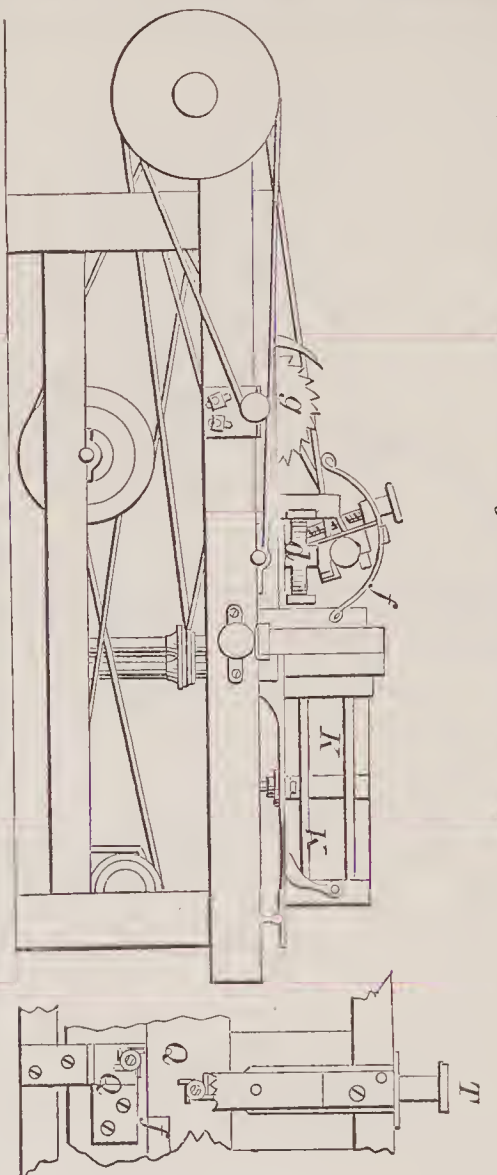
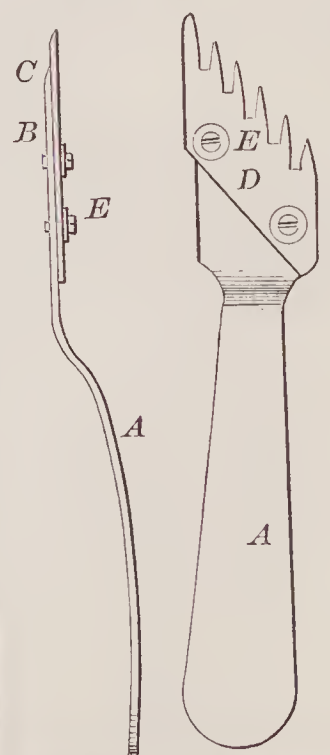


65123—H. Sanderson—*Cutlery.*

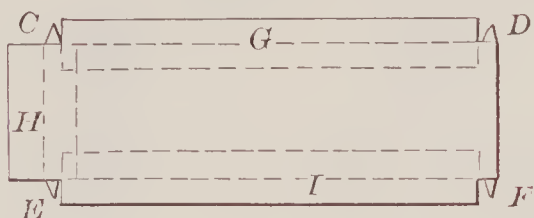


65121—E. A. L. Roberts—*Sand Pump.*

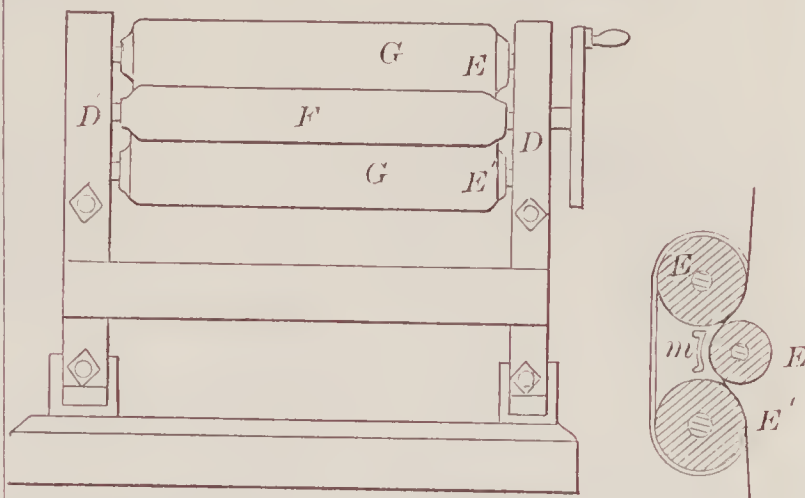


65125—W. D. Schooley—*Straw Cutter.*65129—A. Sower—*Kettle.*65126—Sears & Holt—*Oil Cup.*65127—J. F. Shearman—*Register Point for Printing Apparatus.*65128—P. T. Smith—*Planing Machine for Wood.*65130—J. H. Spelman—*Sheep Shearer.*

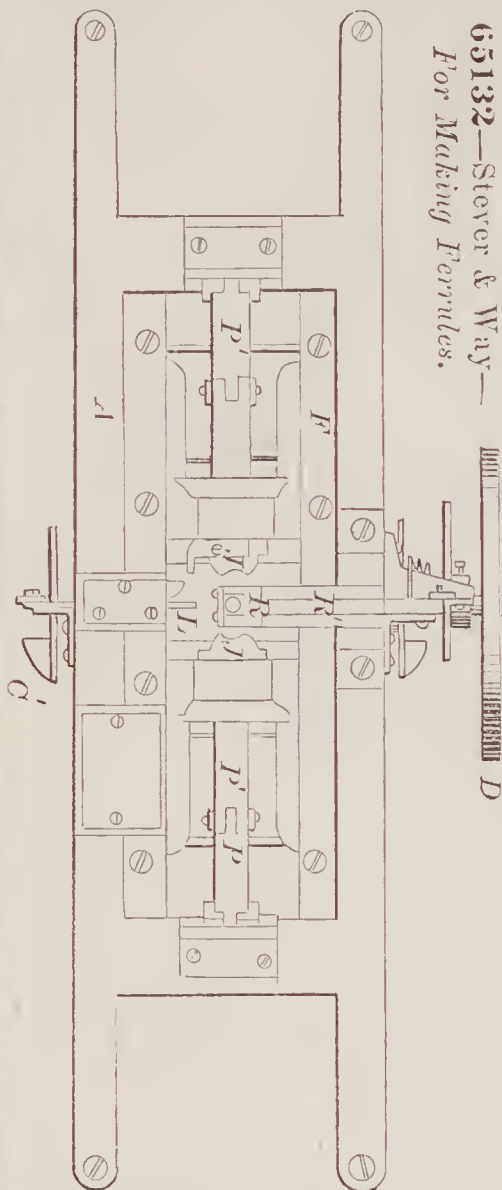
65131—E. F. Stephens—*Card Holder.*



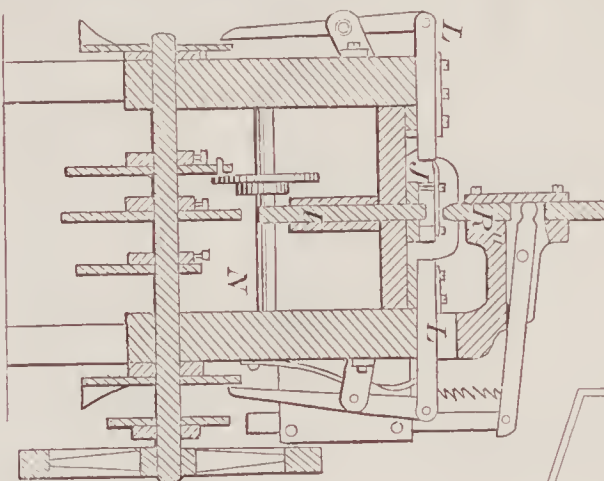
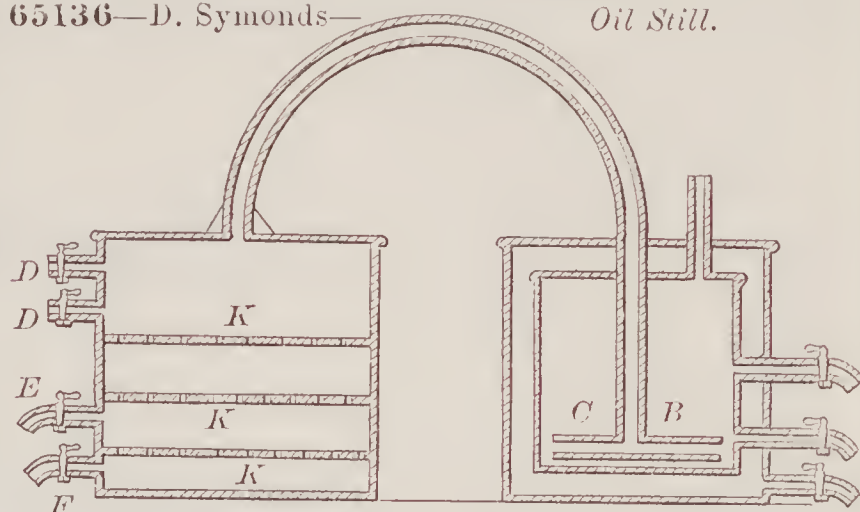
65134—R. A. Stratton—*Mangle.*



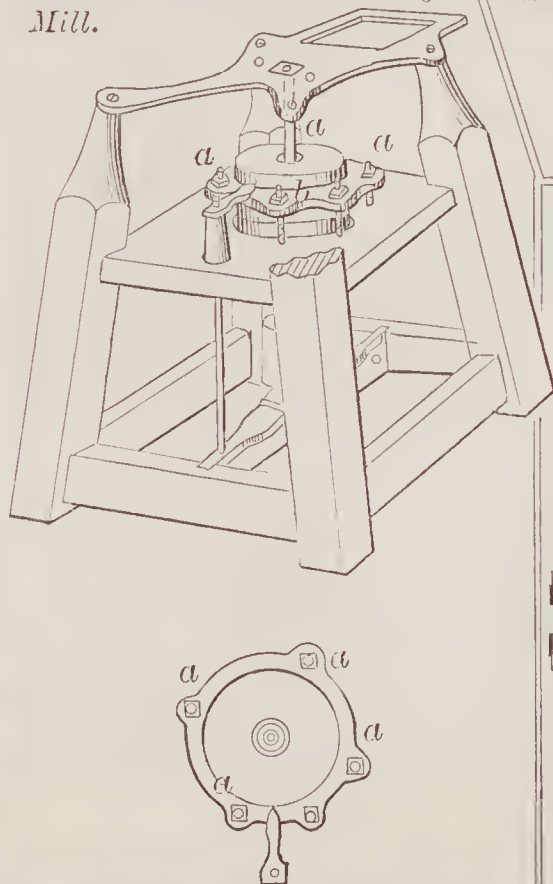
65132—Steyer & Wey—*For Making Ferrules.*



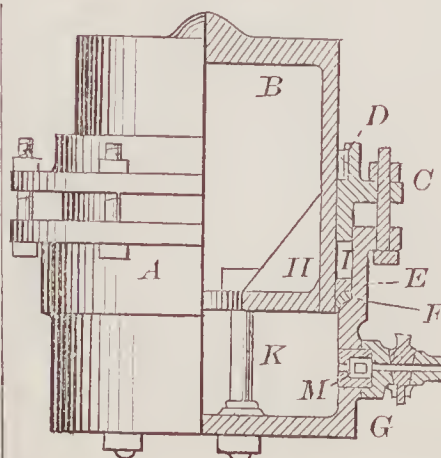
65136—D. Symonds—*Oil Still.*



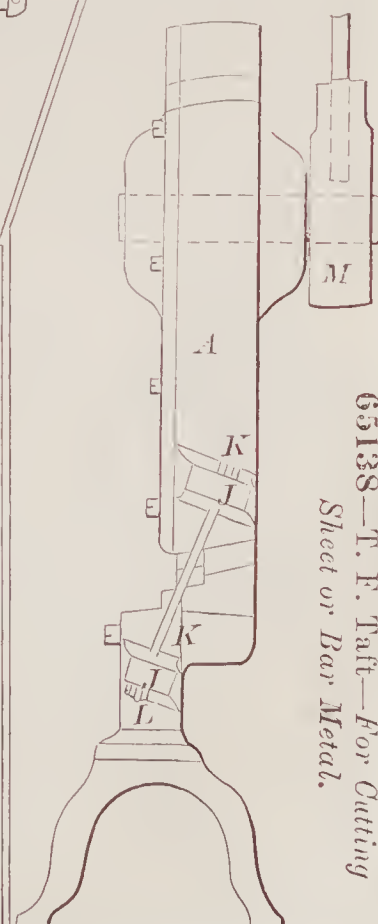
65133—I. Straub—*Grinding Mill.*



65135—D. B. Strobe—*Pneumatic Spring.*



65138—T. F. Taft—*For Cutting Sheet or Bar Metal.*



65149—S. W. Wood—*Grain Conveying Machine.*

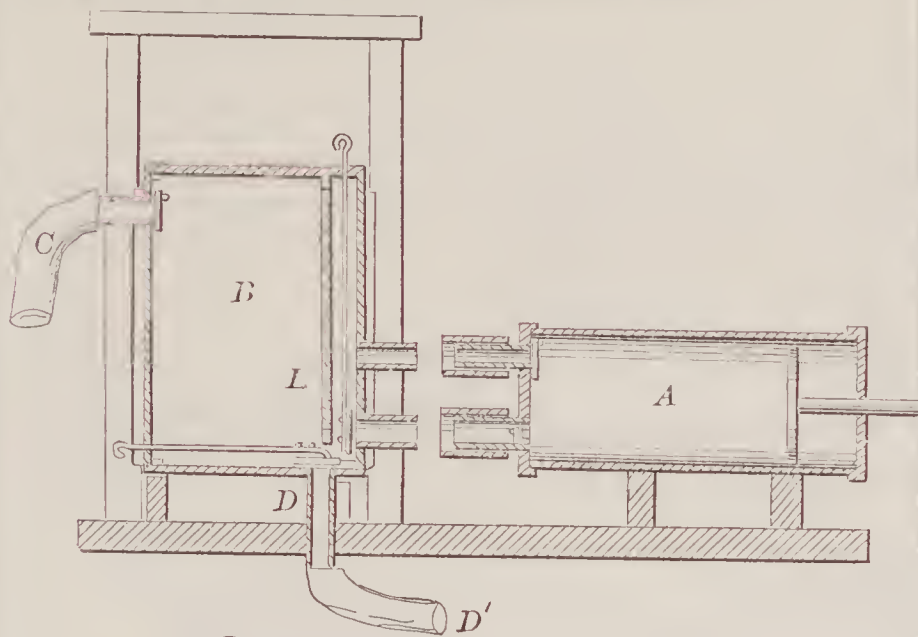


Fig. 4

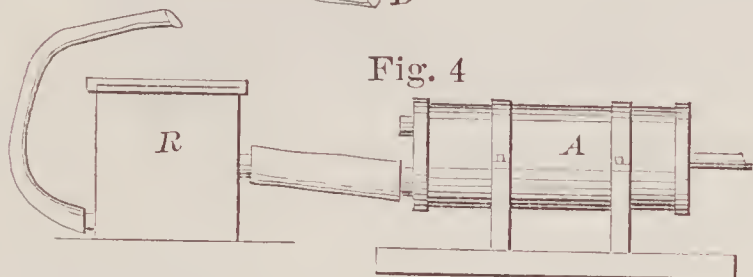
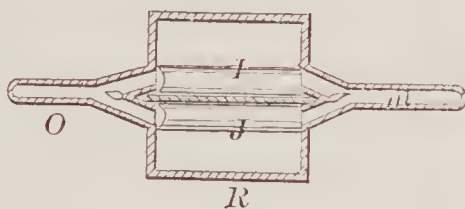
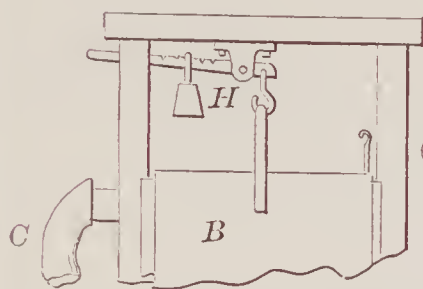
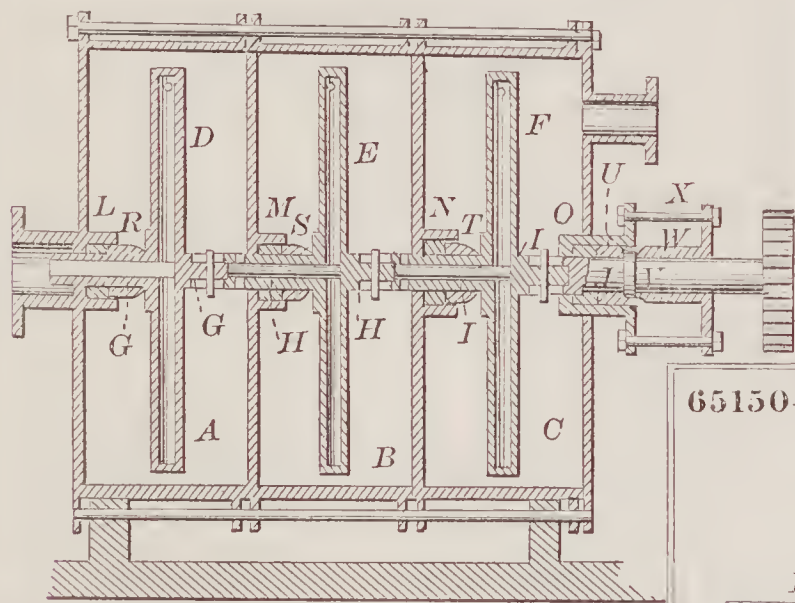


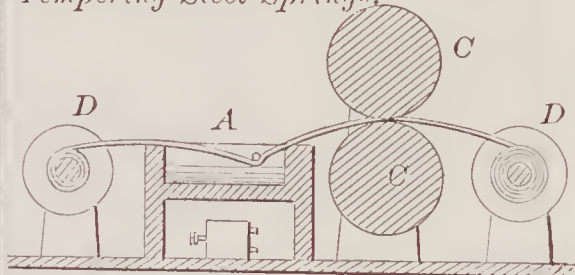
Fig. 5



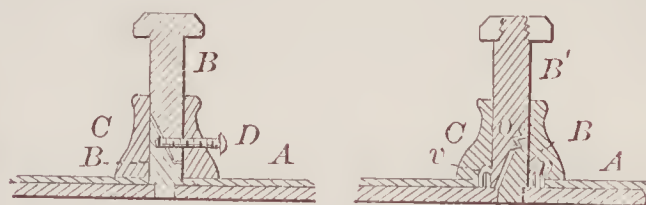
65154—T. Banta—*Rotary Steam Engine.*



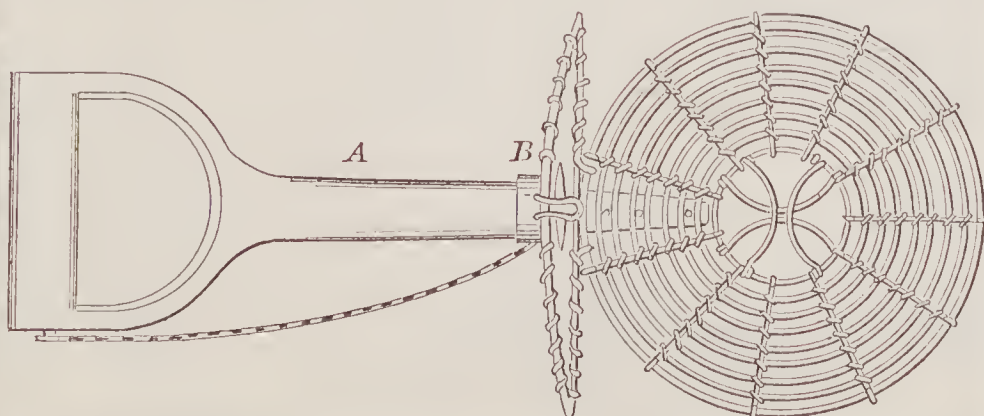
65156—I. N. Bevans—*For Tempering Steel Springs.*



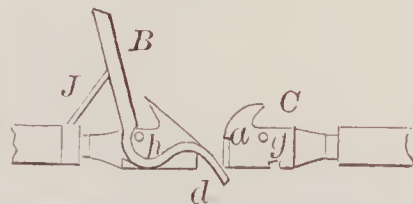
65150—C. R. Abbot—*Prop for Carriage Tops.*



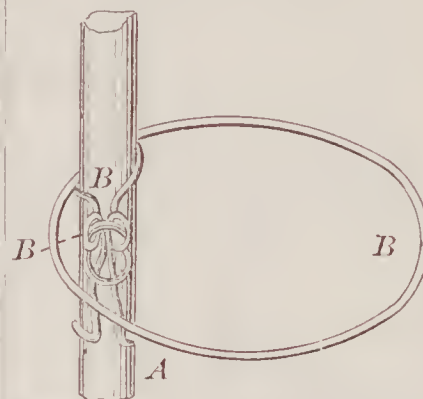
65157—E. Bimm—*Basket.*



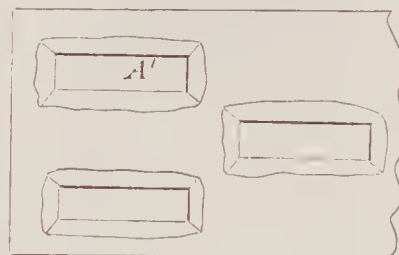
65151—J. D. Anderson—*Car Coupling.*



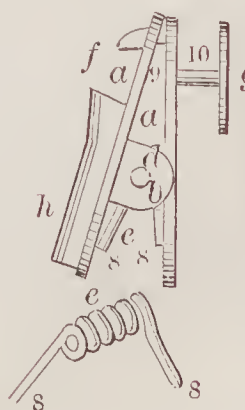
65152—A. P. Anthony—*Clothes Dryer Attachment for Stove Pipes.*

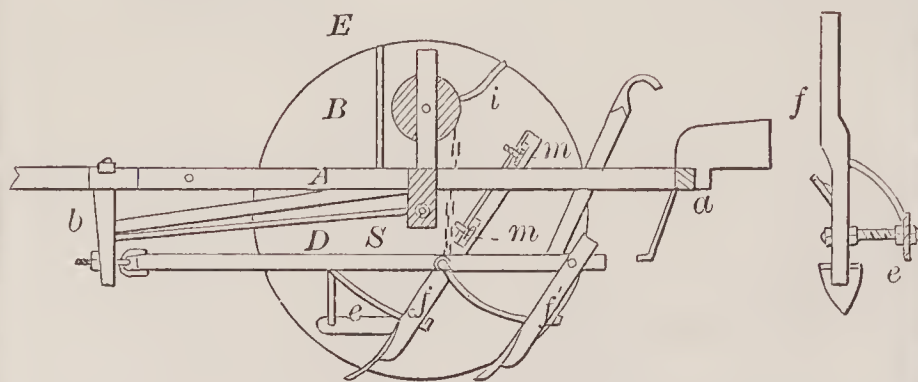
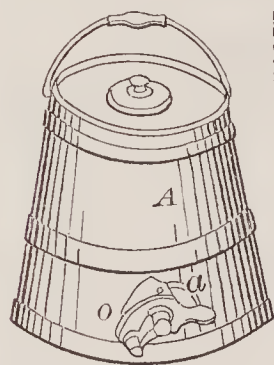
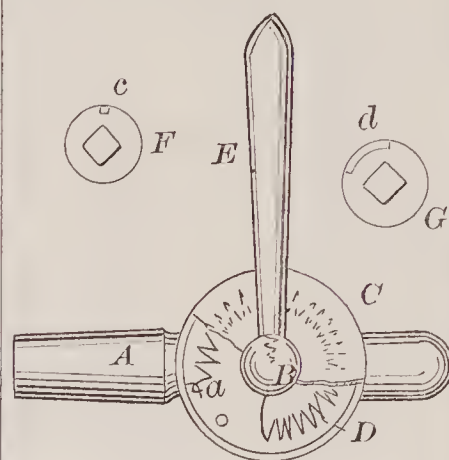
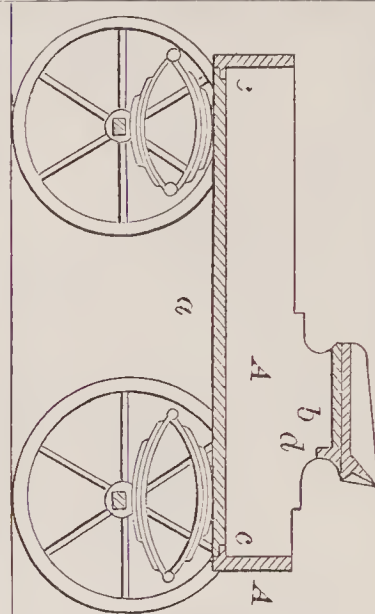
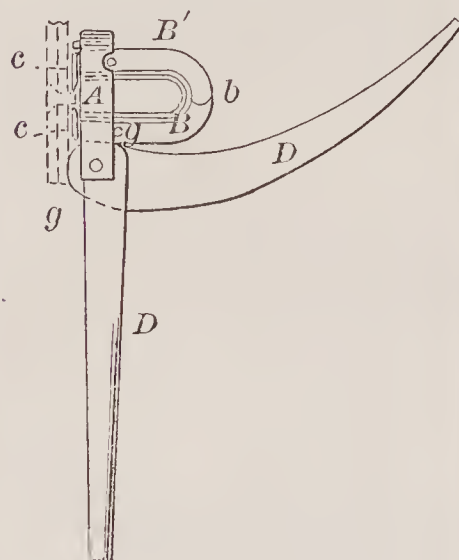
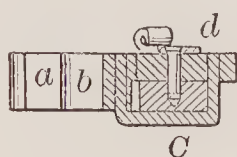
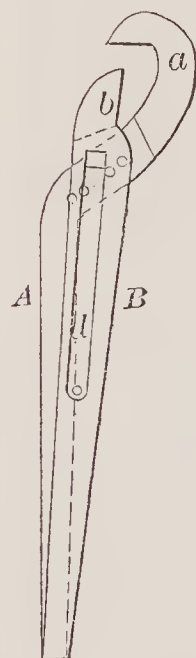
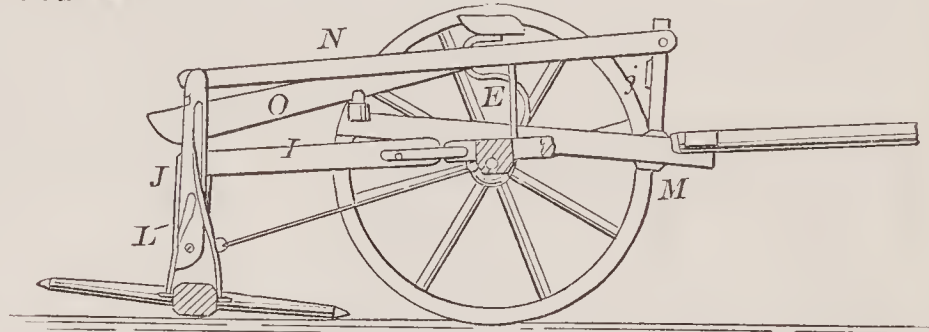
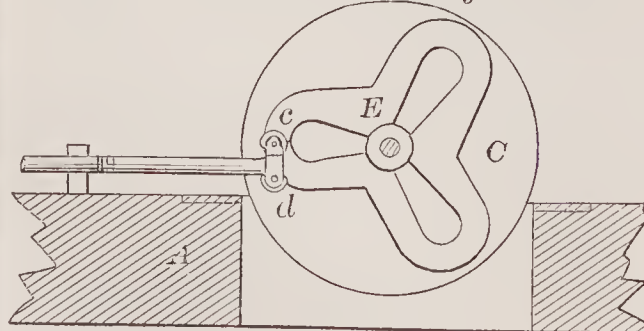
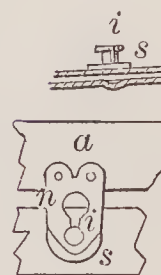
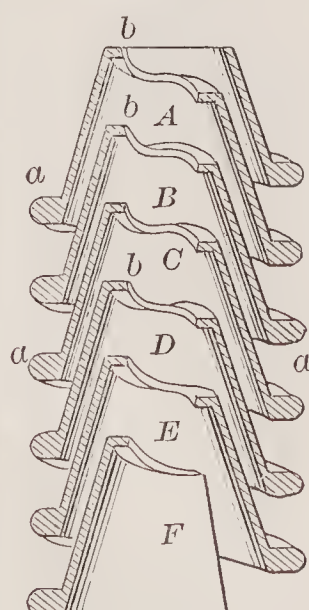
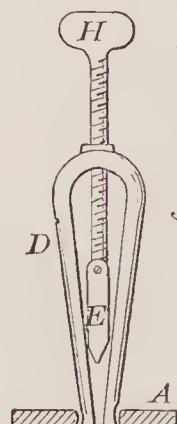


65153—E. D. Averell—*Lath for Plastering.*

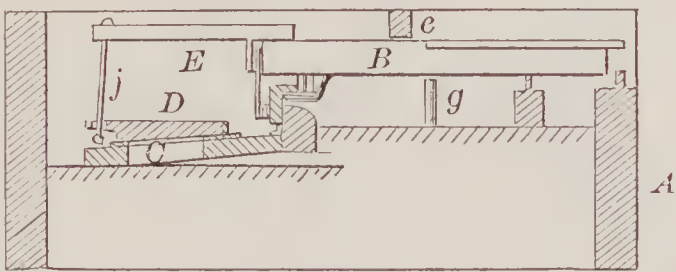


65155—J. Barbier—*Clasp for Securing Shirt Collars.*

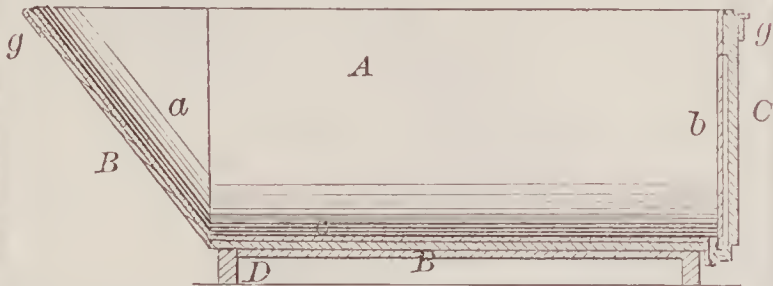


65158—H. Boys—*Cultivator.*65160—A. Brinckmann—*Faucet.*65159—W. Briggs—*Molasses Vessel.*65161—W. Britton—*Bolt Cutter.*65168—J. S. Campbell—*Vehicle.*65162—J. R. Brown—*Pipe Wrench.*65164—I. L. Bullock—*Horse Rake.*65165—H. Burgess—*Pencil Sharpener.*65166—H. Burk—*Converting Motion.*65163—M. E. Bulkley—*Corset Clasp.*65169—E. Card—*Pattern Lifter.*65167—F. Cajal—*Car Spring.*

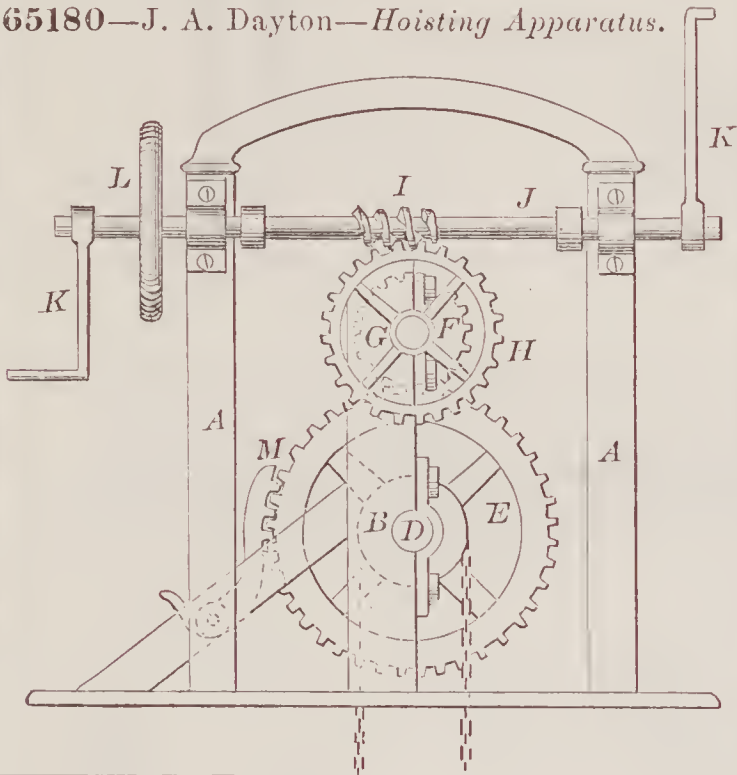
65171—R. W. Carpenter—*Melodeon and other Wind Instruments.*



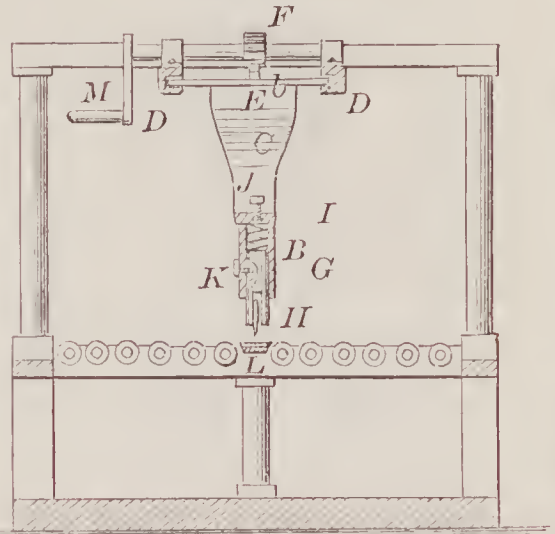
65172—J. Carroll—*Bath Tub.*



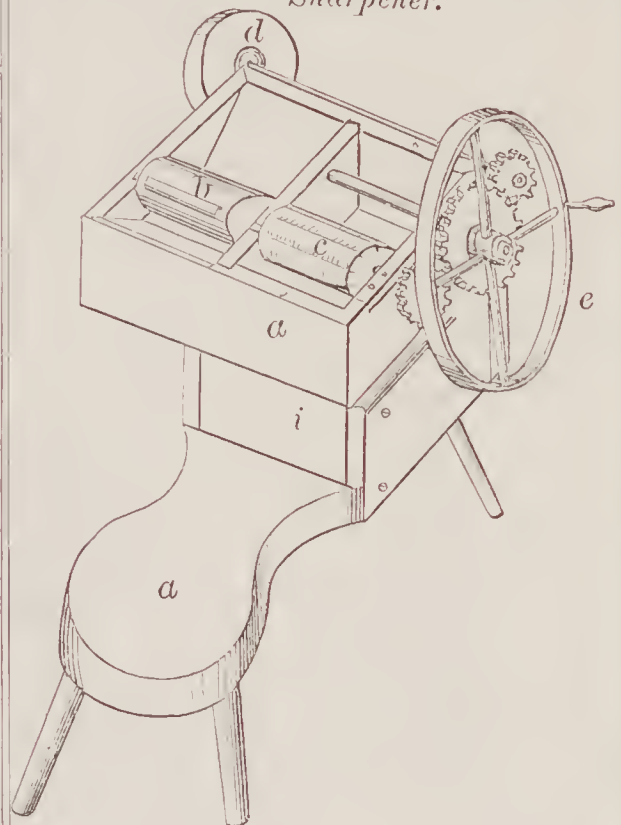
65180—J. A. Dayton—*Hoisting Apparatus.*



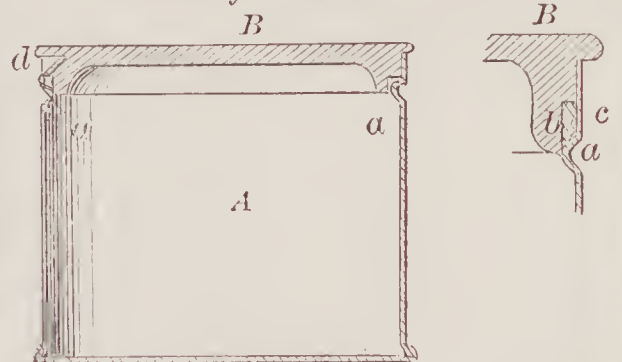
65173—S. E. Chubbuck—*For Cutting Sheet Lead.*



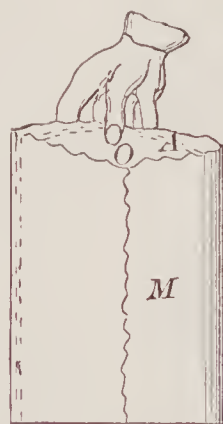
65177—E. Culver—*Cutter, Grater and Sharpener.*



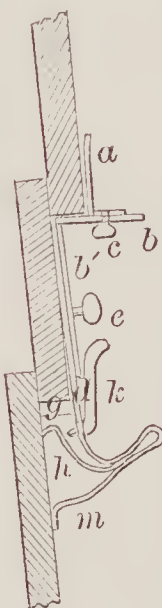
65181—F. W. Devoe—*Metal Can for Paint.*



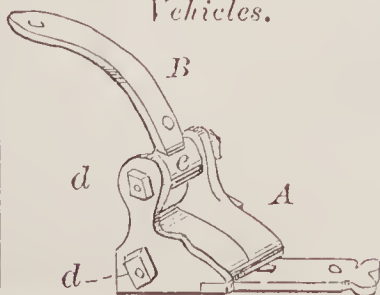
65176—L. C. Crowell—*Constructing Paper Bags.*



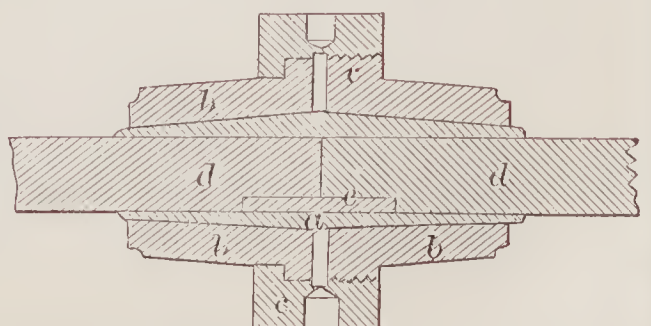
65178—Cummings & Babcock—*Gauge for Holding Clapboards.*



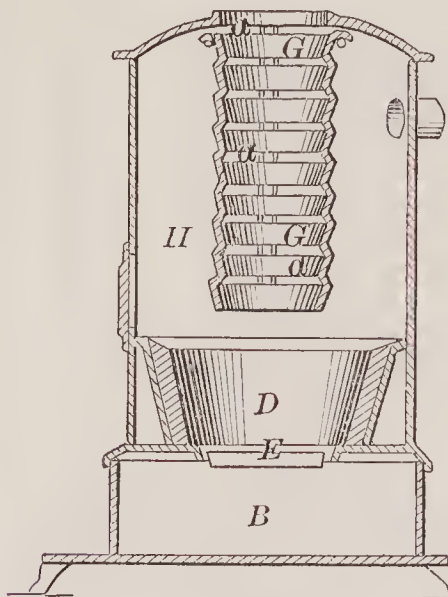
65182—G. F. Dietz—*Attaching Thills to Vehicles.*



65183—Doane & Richards—*Shaft Coupling.*

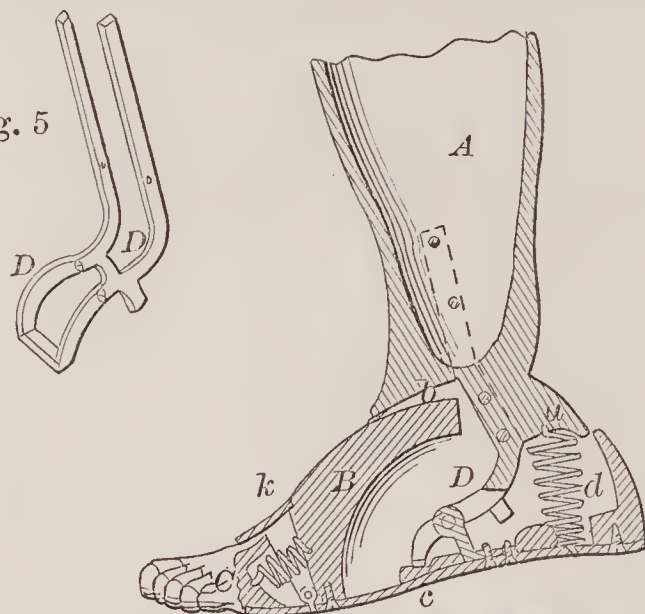


65184—W. C. Durant—*Base Burning Stove.*

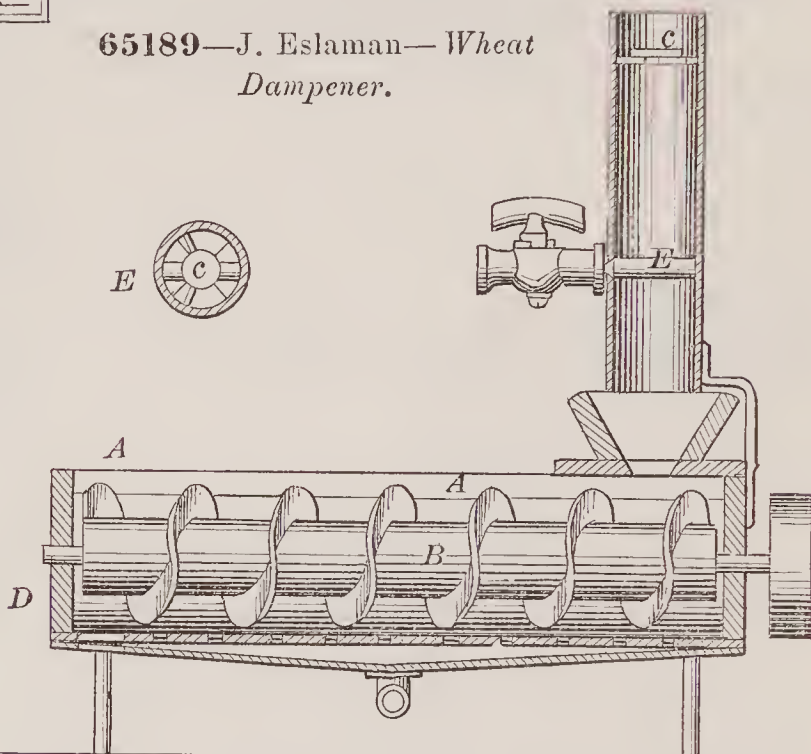


65187—J. Emery—*Artificial Leg.*

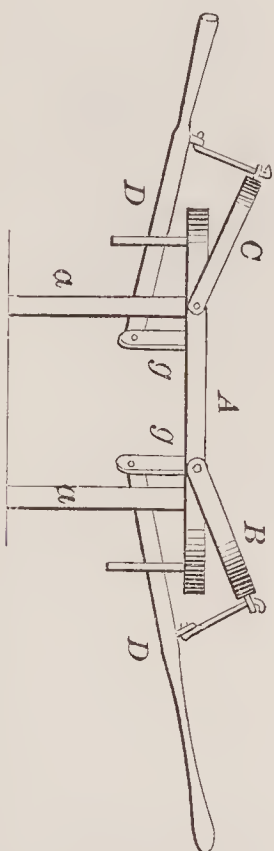
Fig. 5



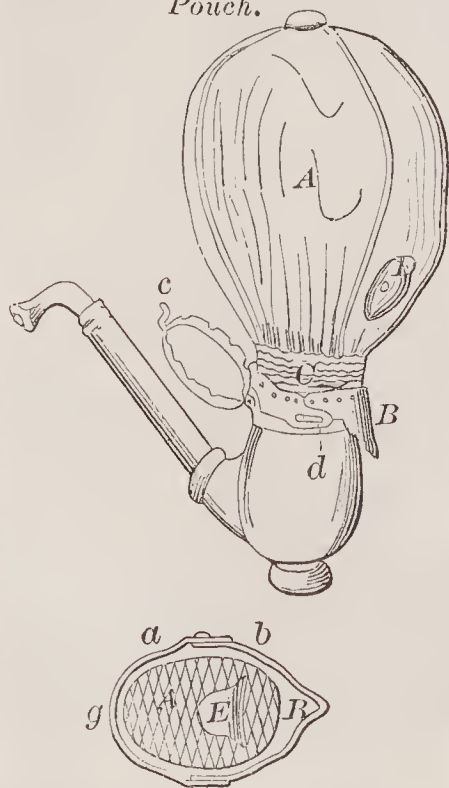
65189—J. Eslaman—*Wheat Dampener.*



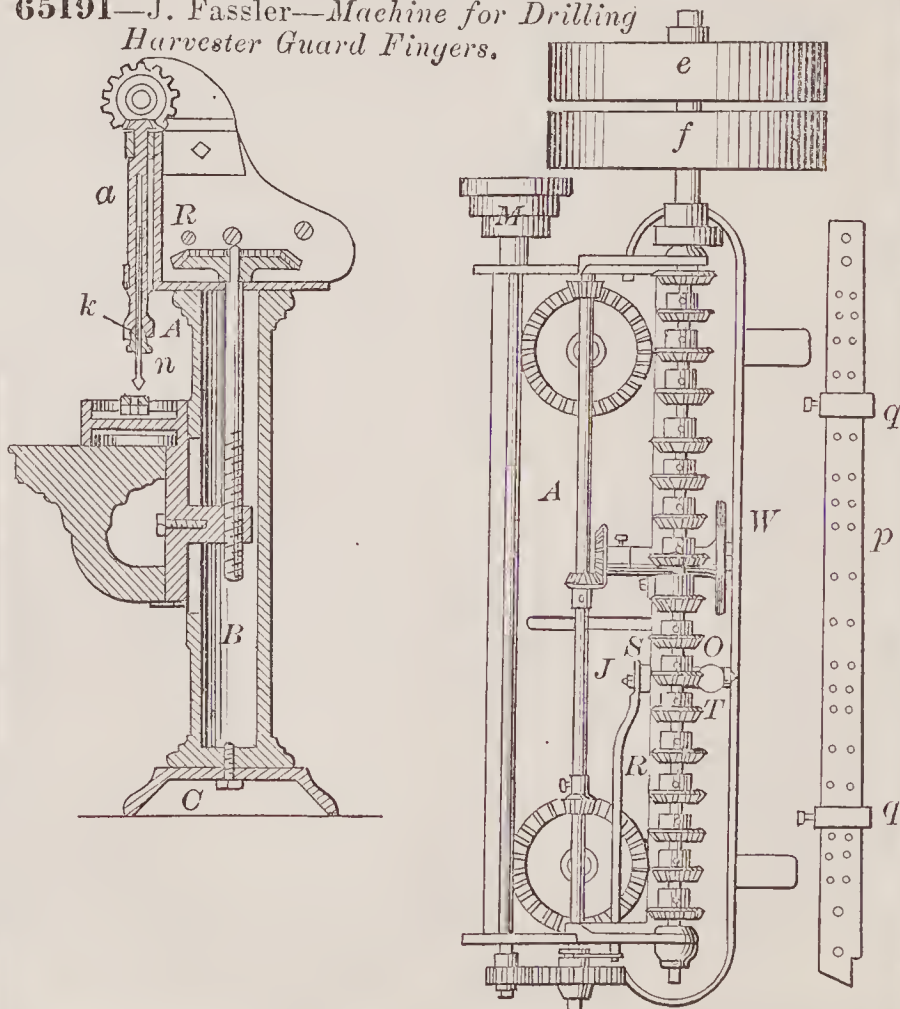
65185—J. W. Durgin—*Machine for Cutting Slate.*



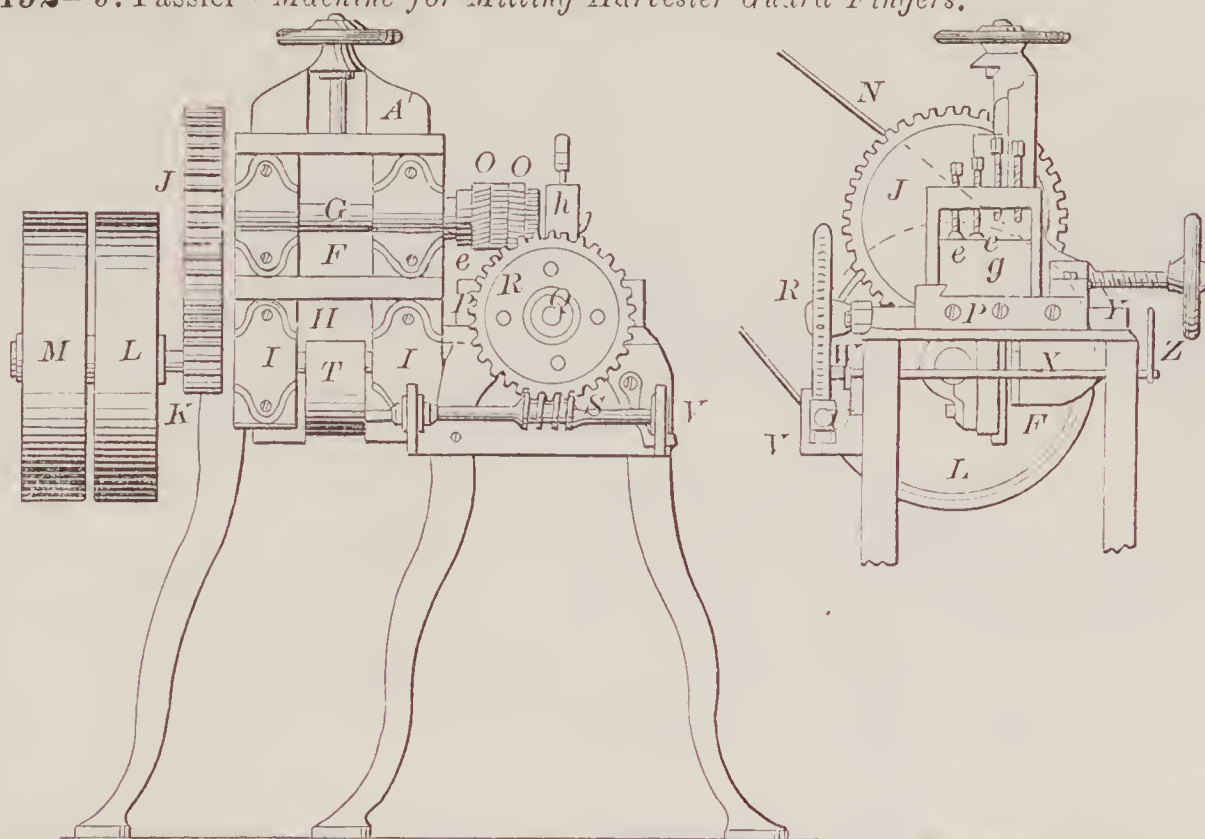
65188—J. G. Ernst—*Tobacco Pouch.*



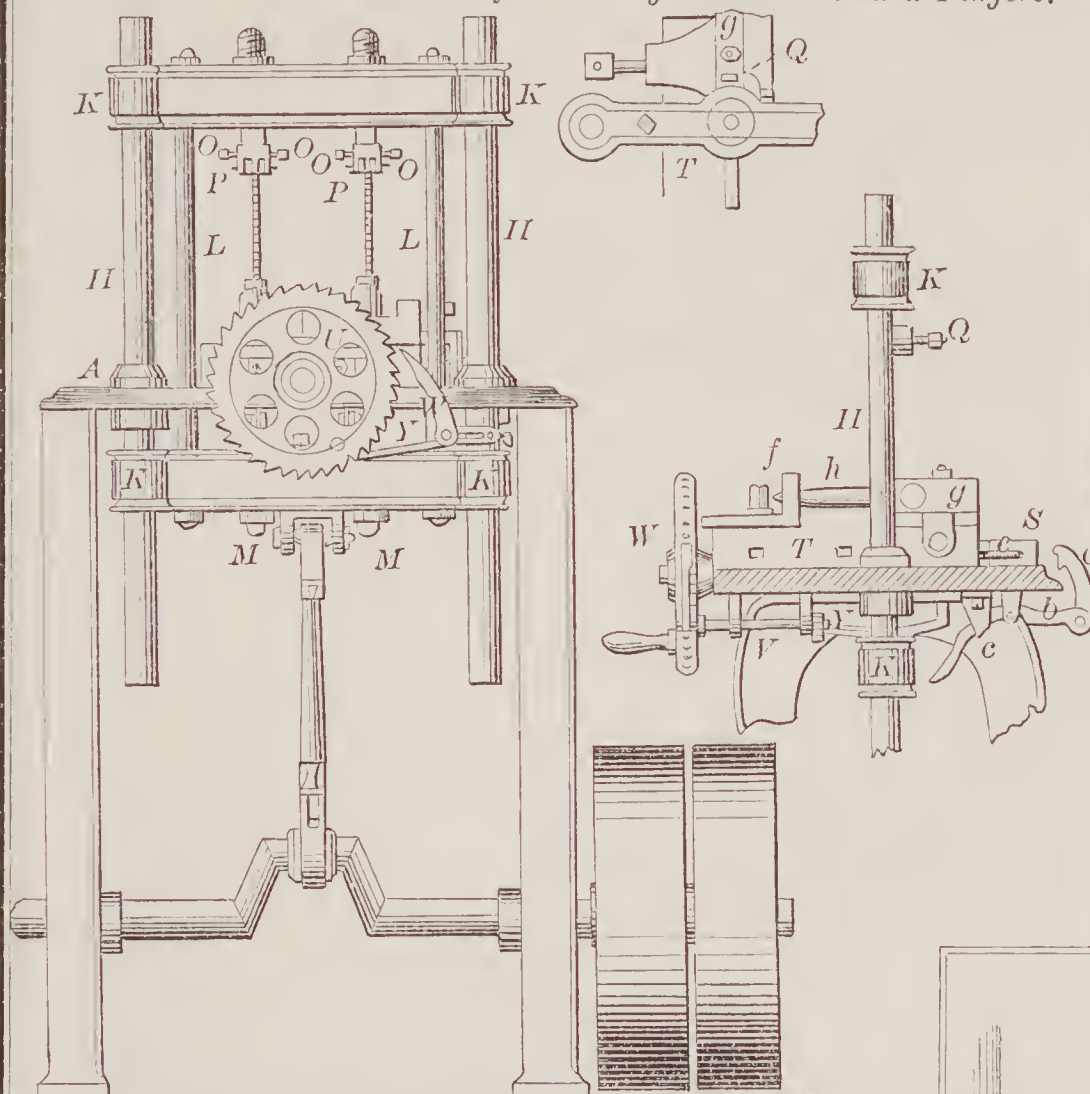
65191—J. Fassler—*Machine for Drilling Harvester Guard Fingers.*



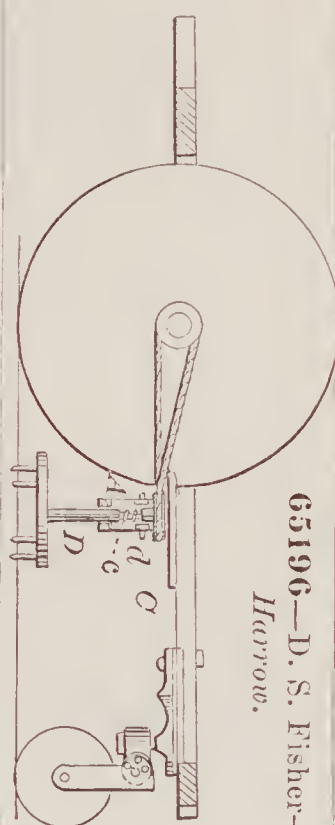
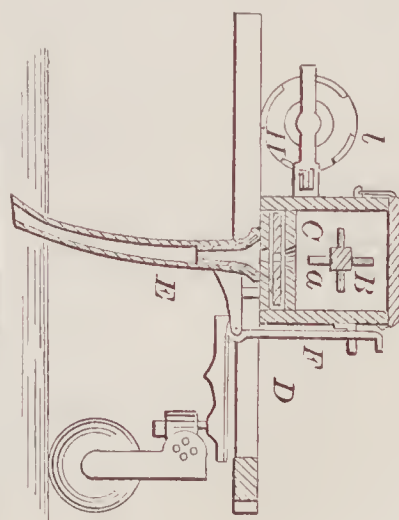
65192—J. Fassler—*Machine for Milling Harvester Guard Fingers.*



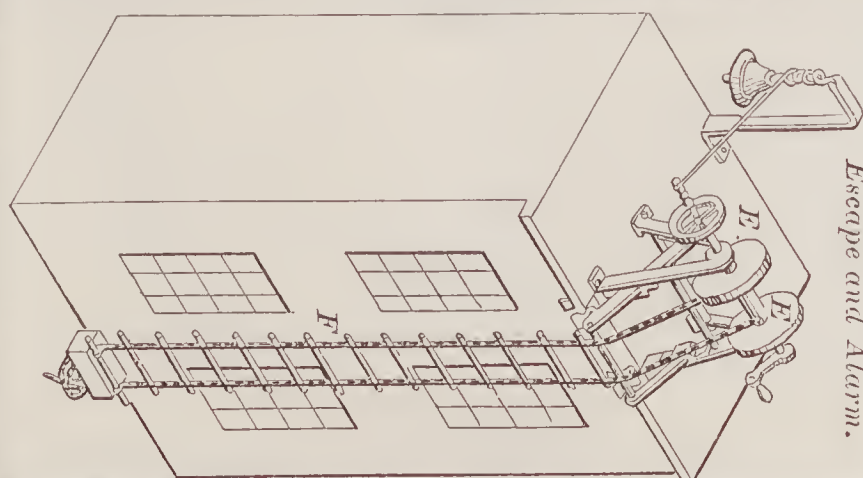
65193—J. Fassler—*Machine for Slotting Harvester Guard Fingers.*



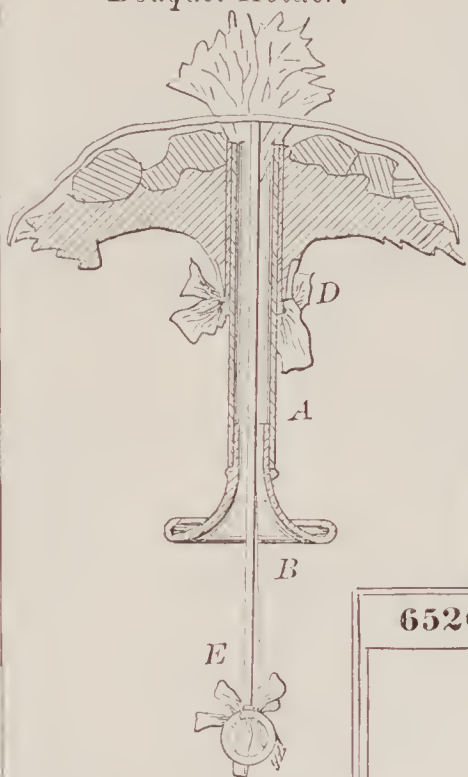
65196—D. S. Fisher—
Harrow.

65195—D. S. Fisher—*Wheat Drill.*

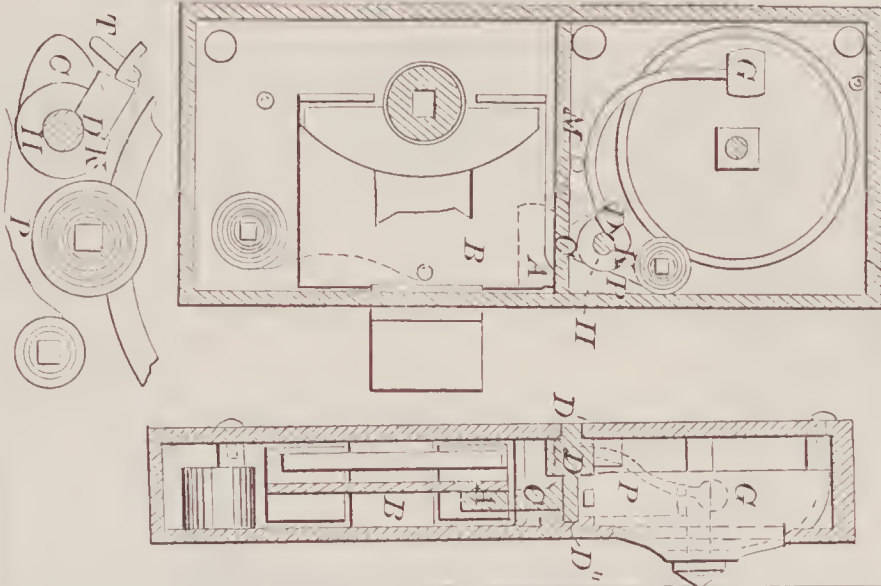
65194—J. Fischer—*Five
Escape and Alarm.*



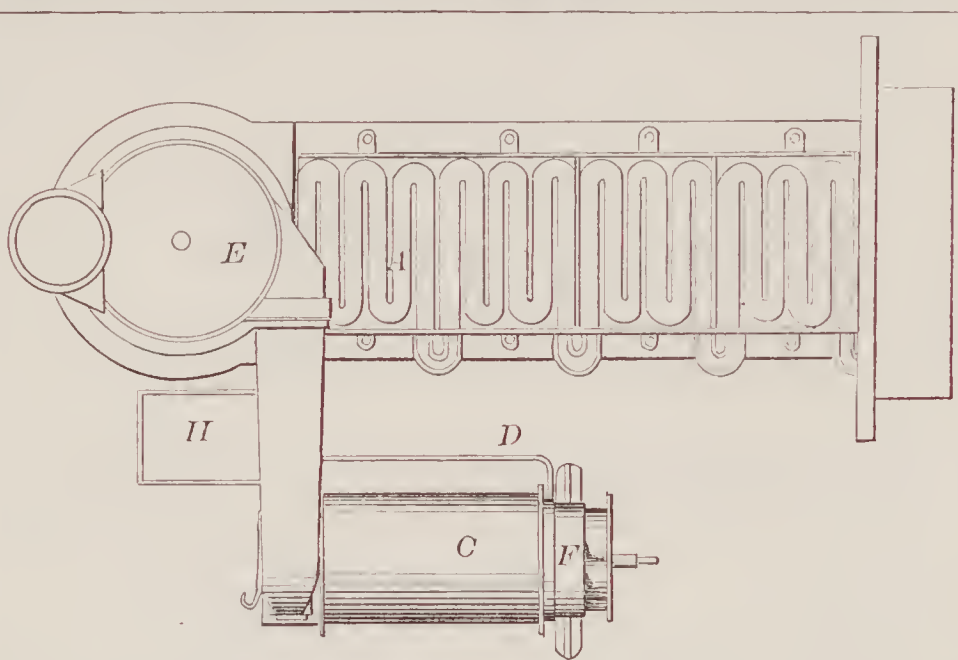
65204—A. D. Frye, Jr.—*Bouquet Holder.*



65207—A. L. Gennerat—*Burglar Alarm Lock.*



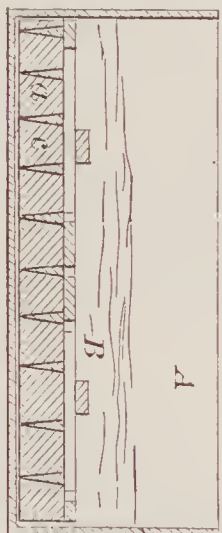
65205—A. Fryer—*For Evaporating and Concentrating Cane Juice.*



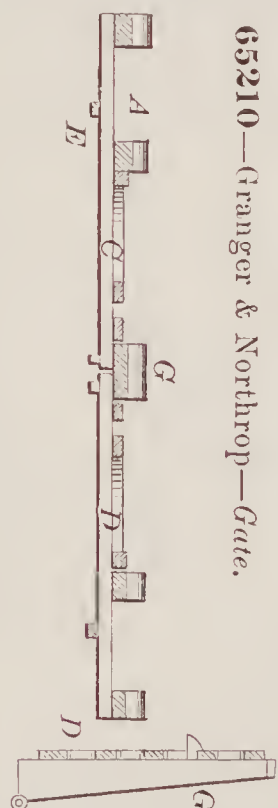
65206—S. F. Gates—*Umbrella.*



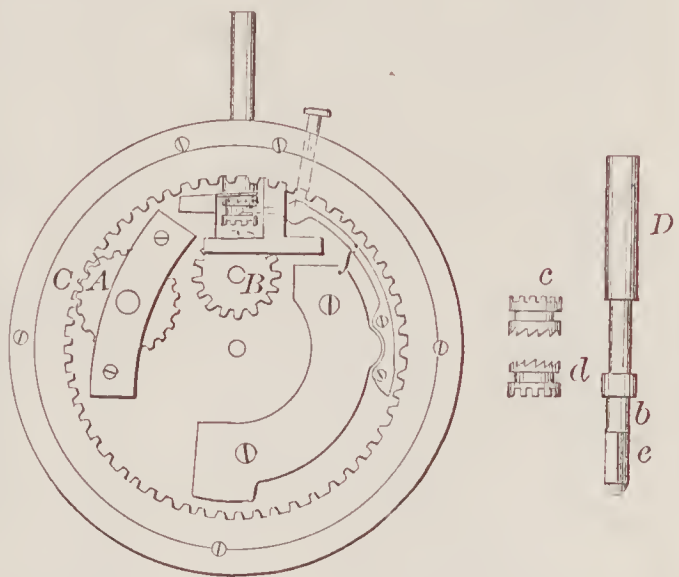
65211—S. Greene—*Separating Cheese Curd from Whey.*



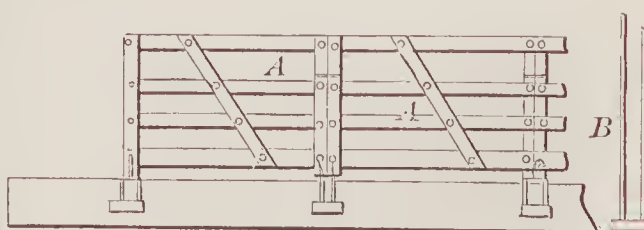
65210—Granger & Northrop—*Gate.*



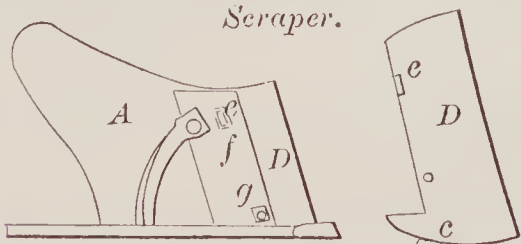
65208—F. S. Giles—*Stem Winding Watch.*

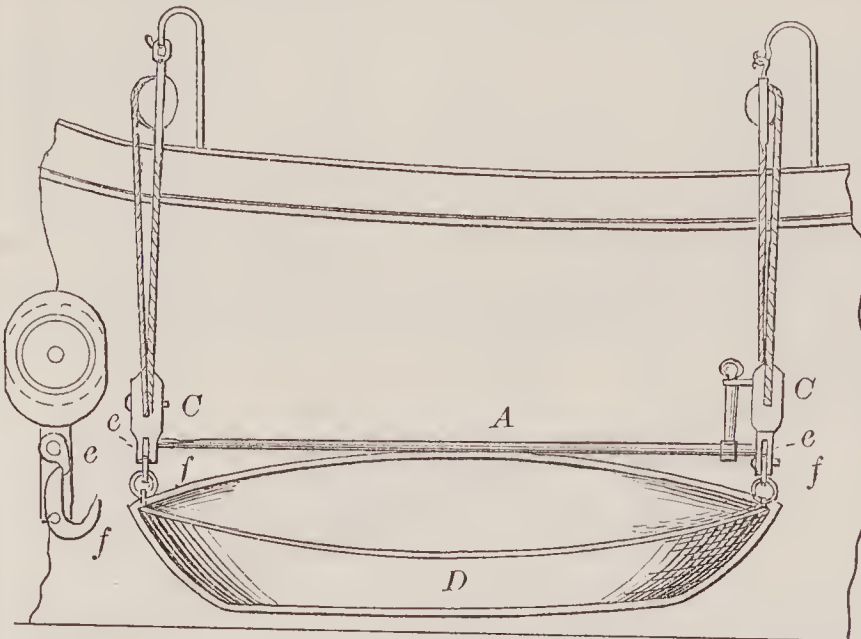
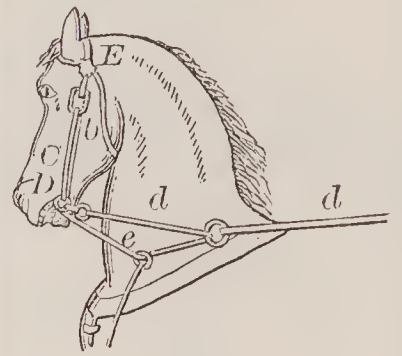
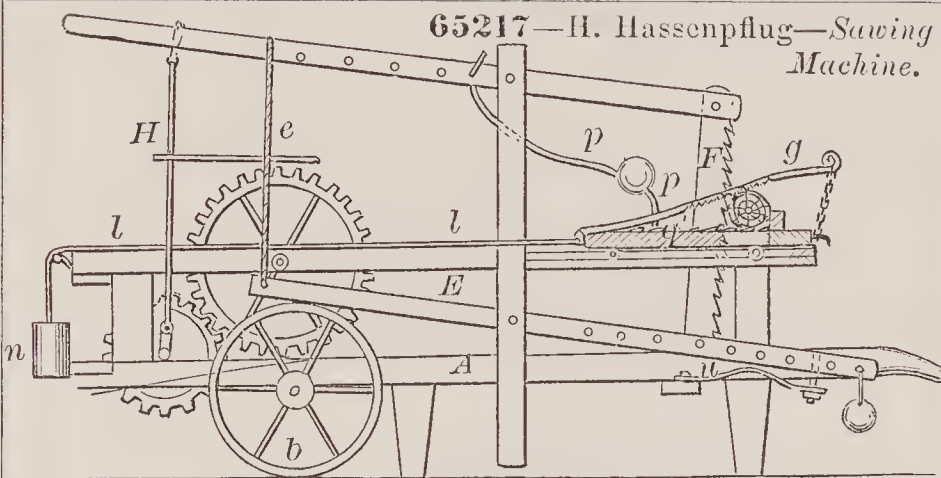
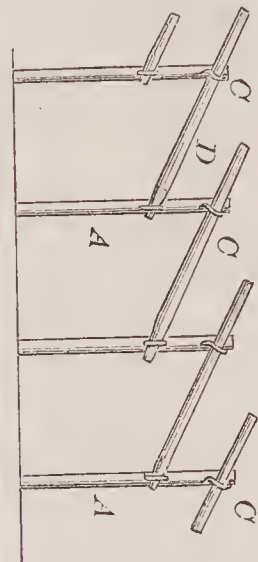
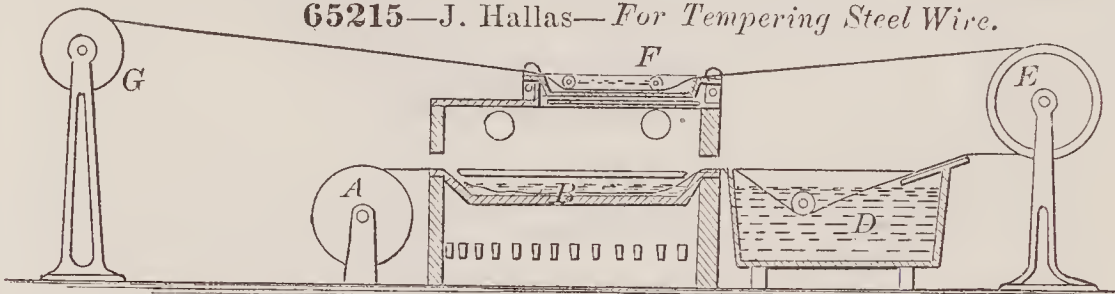
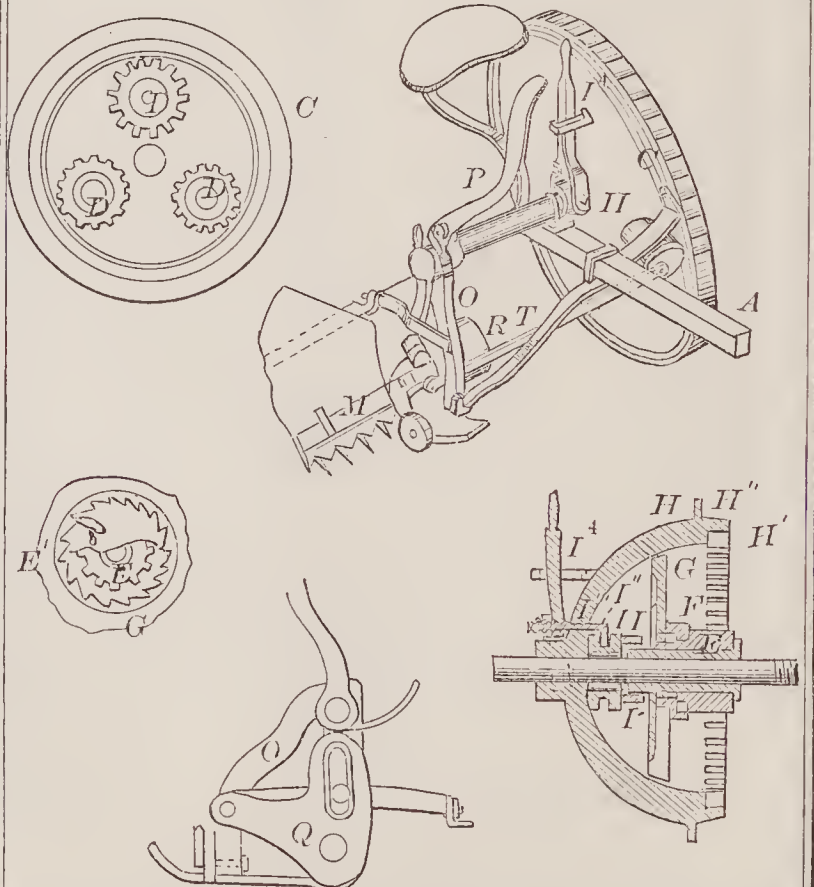
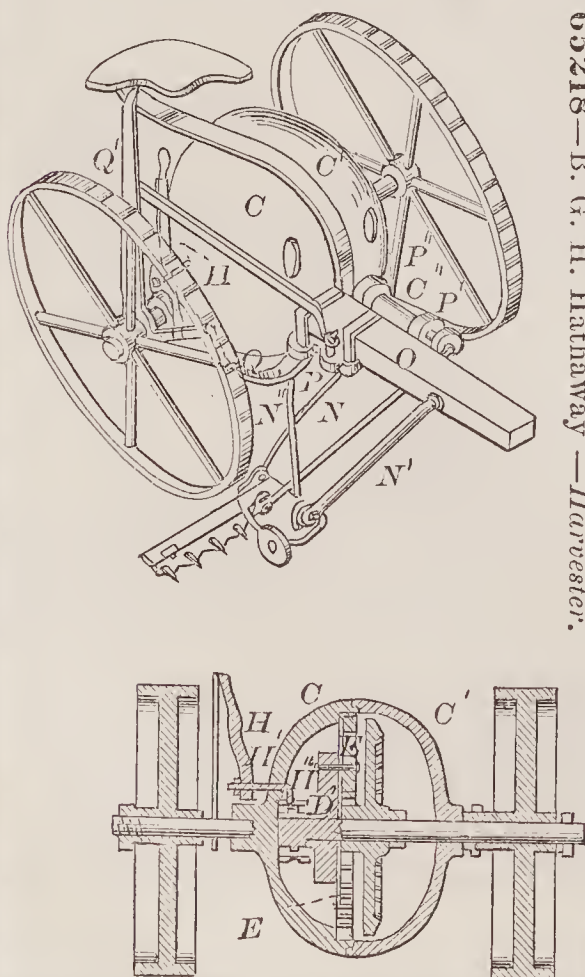


65209—E. C. Gordon—*Fence.*

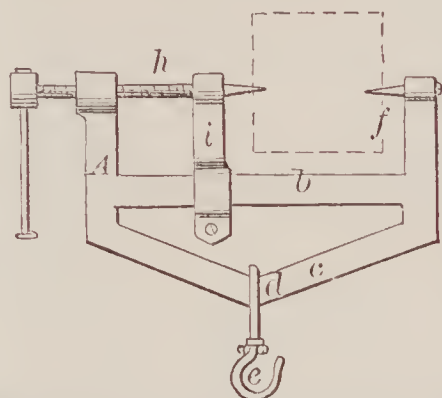


65212—J. V. Grief—*Plow and Cotton Scraper.*

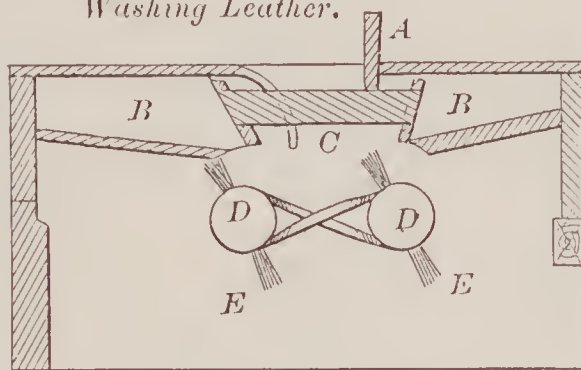


65213—R. H. Griffith—*Boat Detaching Tackle.*65216—S. B. Hartman—*Safety Bridle.*65217—H. Hassenpflug—*Sawing Machine.*65214—N. F. Guffin—*Hop Trellis.*65215—J. Hallas—*For Tempering Steel Wire.*65219—B. G. H. & G. M. Hathaway—*Harvester.*65218—B. G. H. Hathaway—*Harvester.*

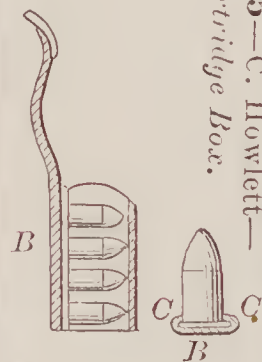
65220—Heth & Hall—*Clutch.*



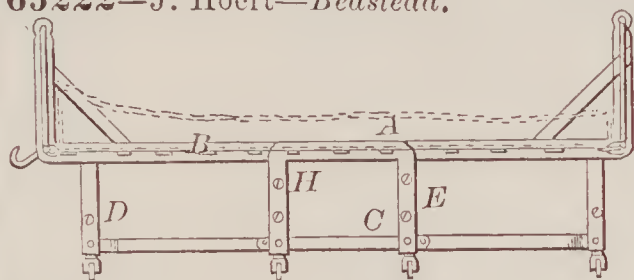
65224—A. & G. F. Howard—*For Washing Leather.*



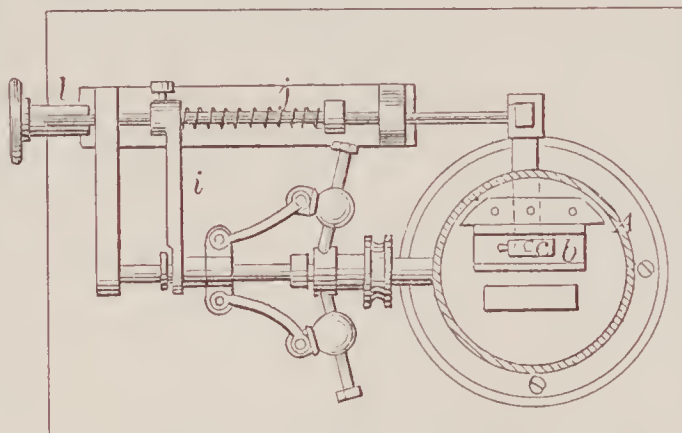
65225—C. Howlett—*Cartridge Box.*



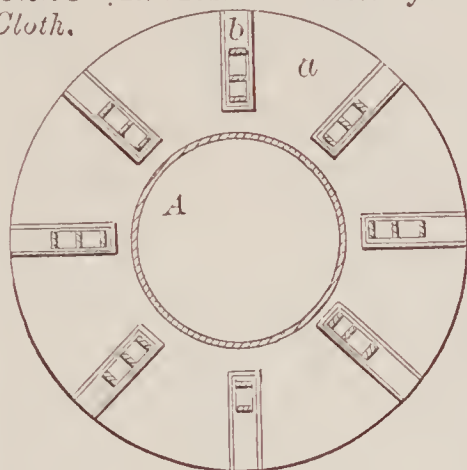
65222—J. Hoert—*Bedstead.*



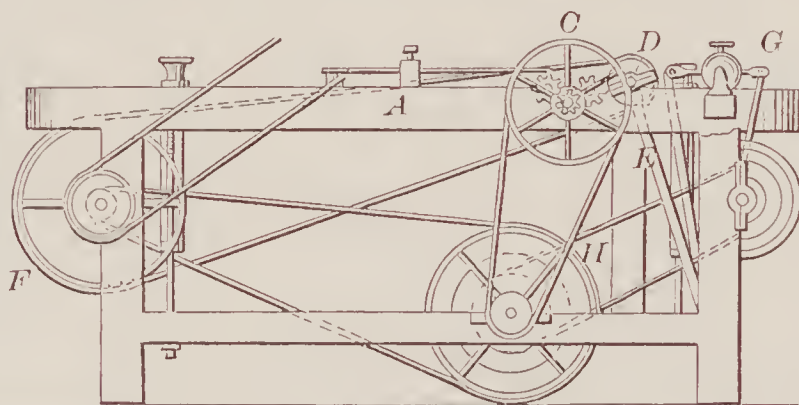
65221—C. Hindle—*Governor.*



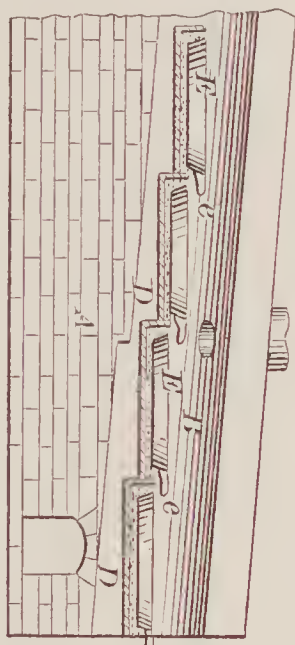
65223—R. Hoskin—*Roller for Floor Cloth.*



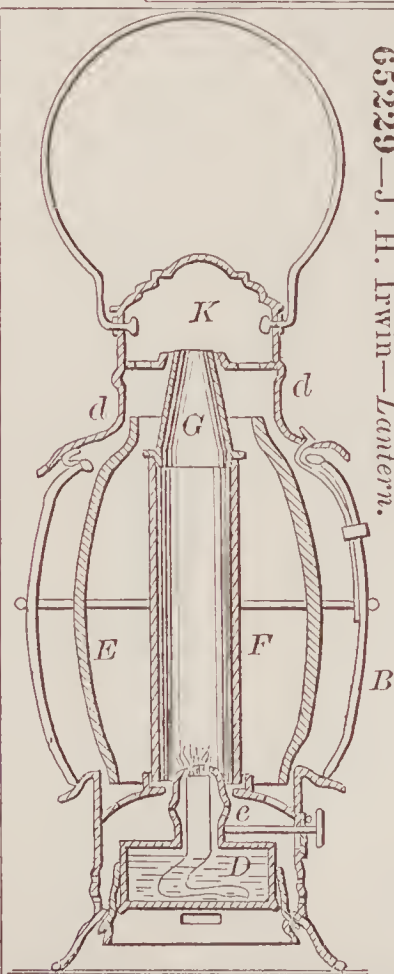
65226—G. S. Hudson—*Moulding Machine.*



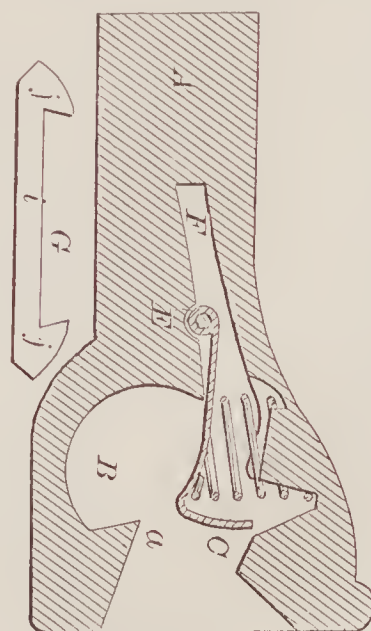
65227—J. Hughes—*For Concentrating Sulphuric Acid and other Liquids.*

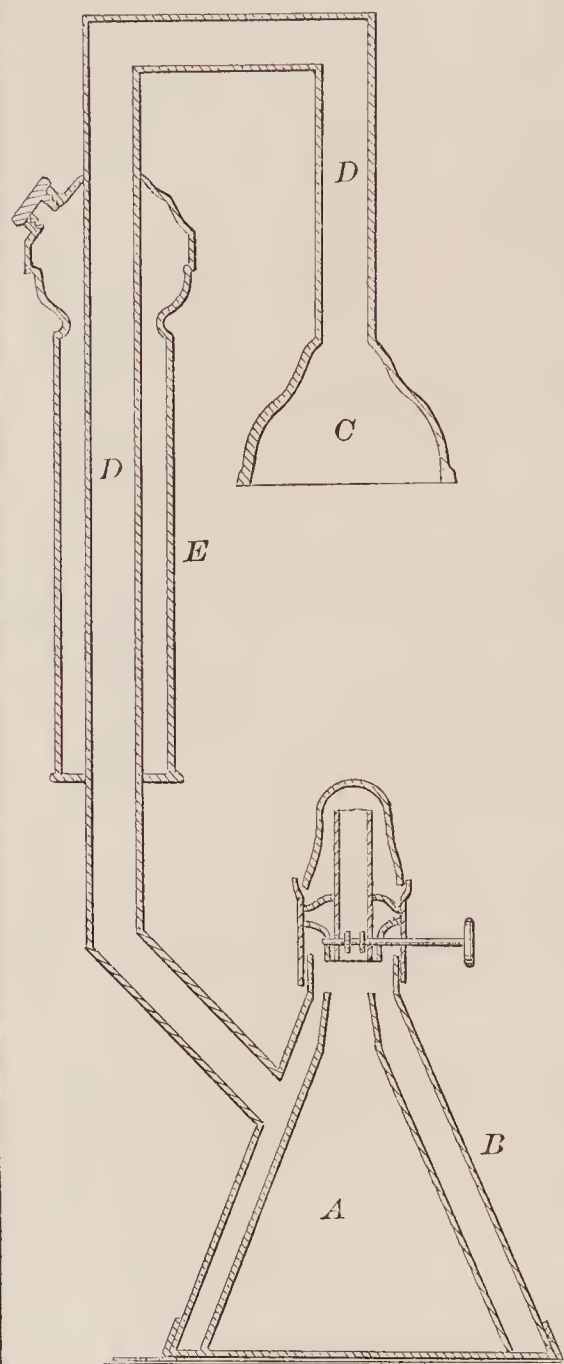
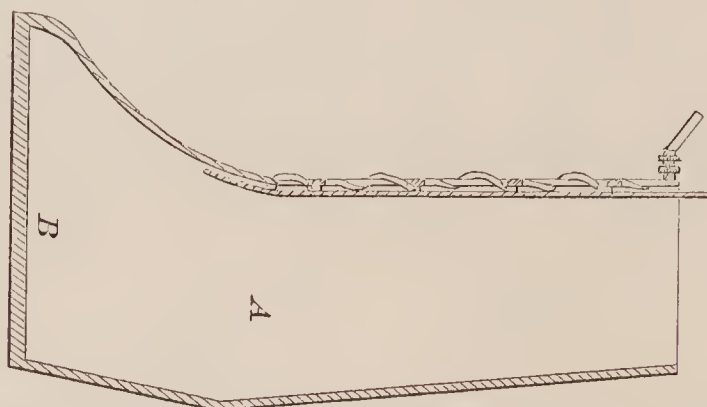
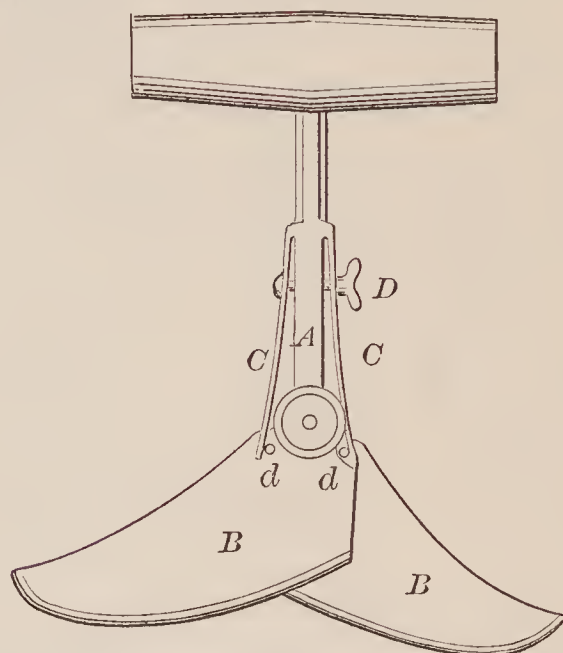
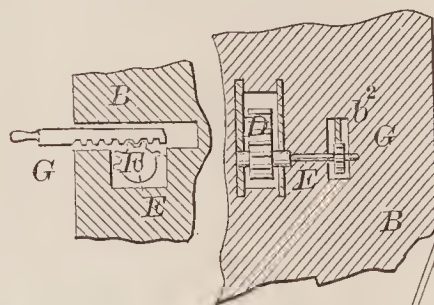
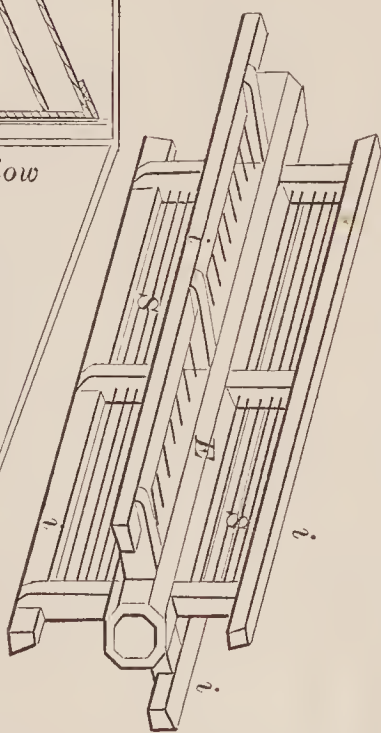
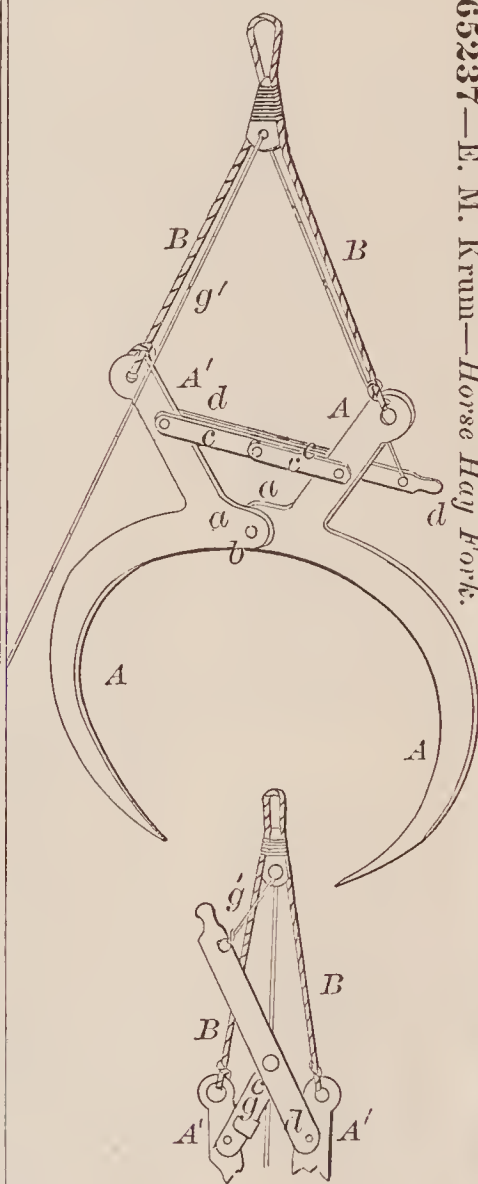
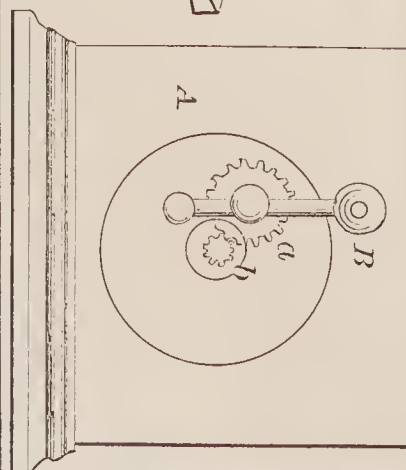
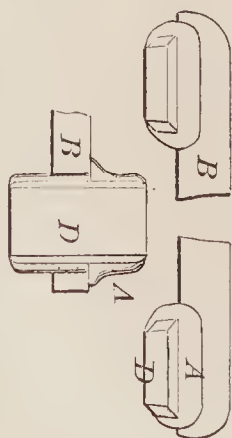


65229—J. H. Irwin—*Lantern.*

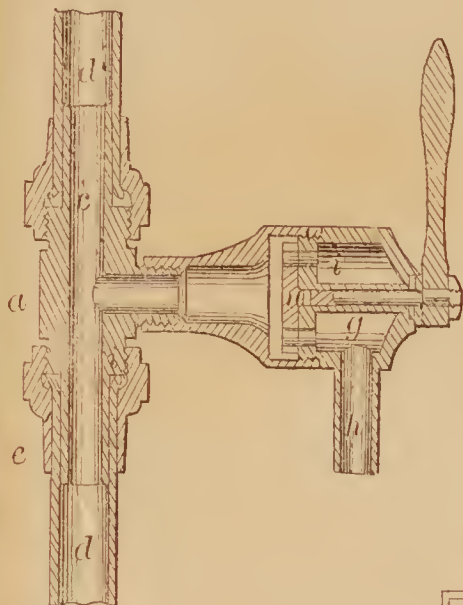


65228—R. H. Huston—*Car Coupling.*

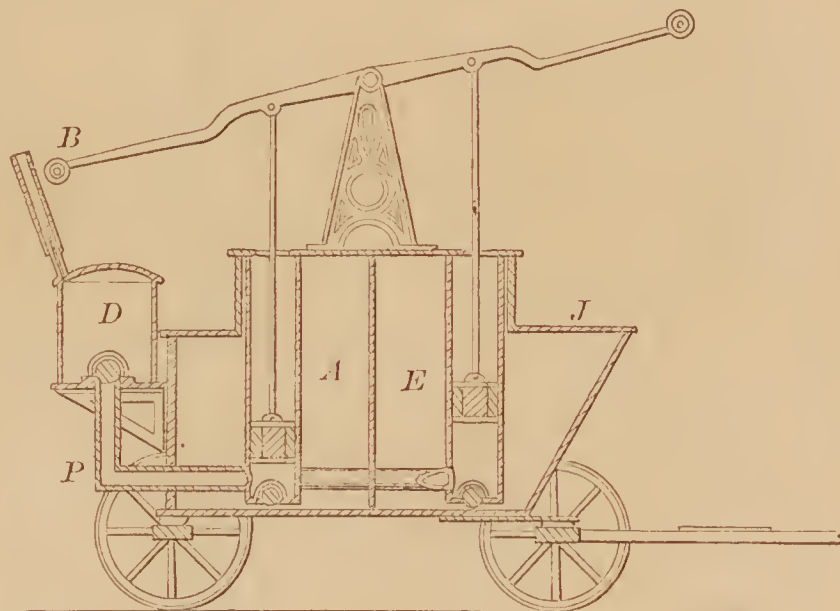


65230—J. H. Irwin—*Lamp.*65231—J. H. Jennings—*Rubber Boot for Horses.*65233—S. C. Ketchum—*Mincing Knife.*65232—E. Johnson—*Window Sash Fastener.*65234—S. P. Kingsley—*Churn.*65237—E. M. Krum—*Horse Hay Fork.*65236—H. C. Kochensperger—*Holder and Seat for Wagon Brakes.*

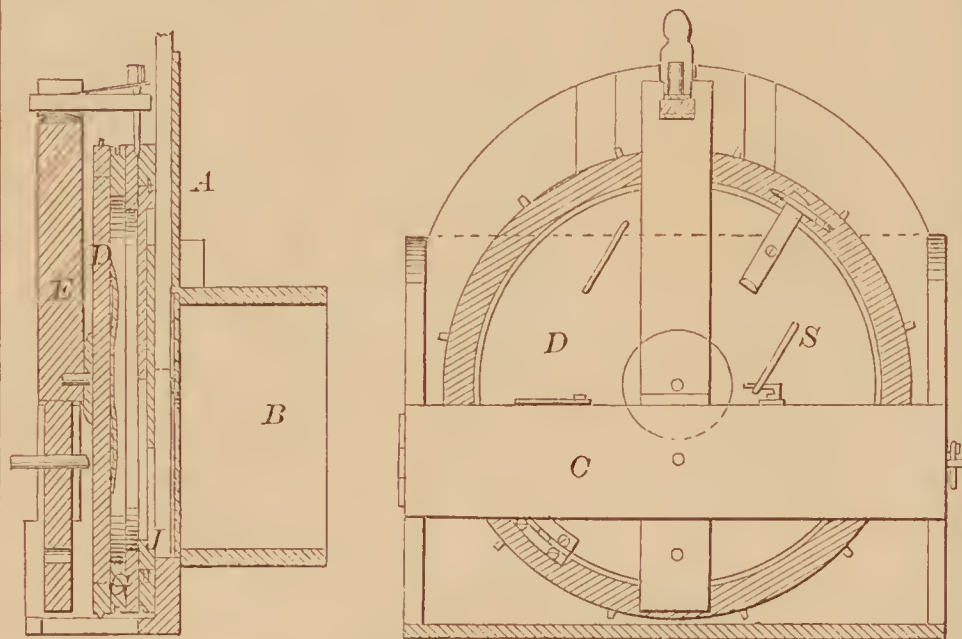
65238—J. Laing—*Faucet.*



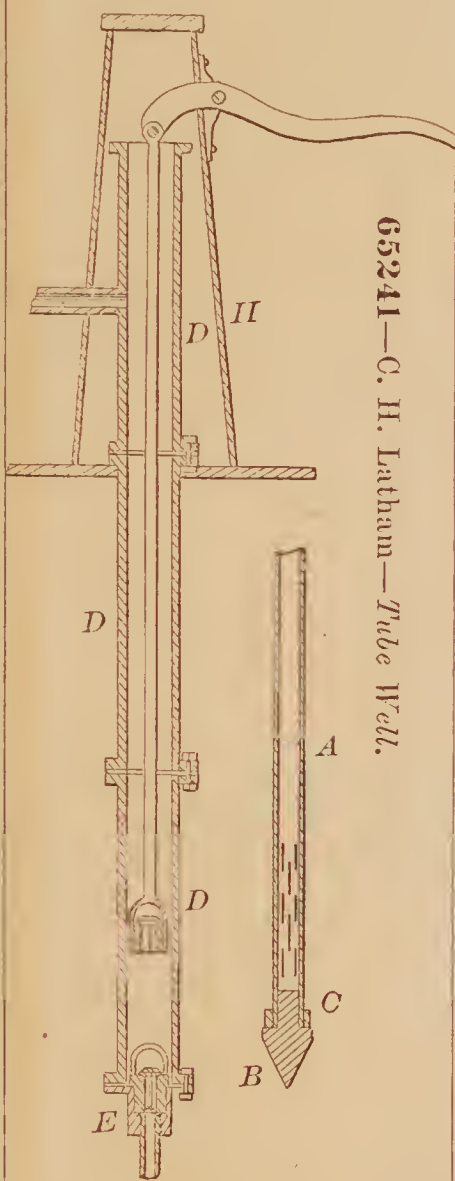
65240—Lapham & Clark—*Chemical Fire Engine.*



65243—J. Lawrence—*Tablet for Multiplying Photographs.*



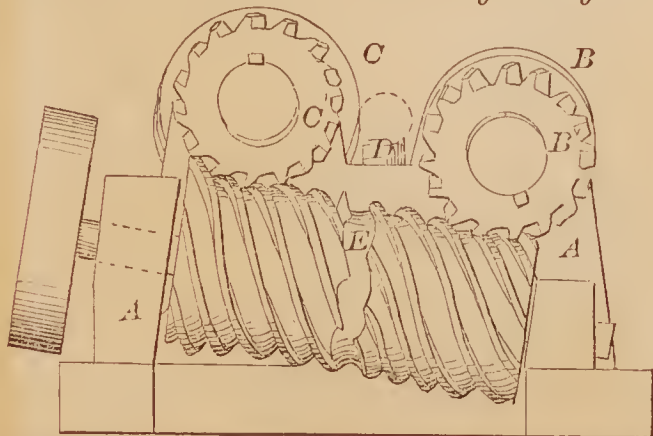
65241—C. H. Latham—*Tube Well.*



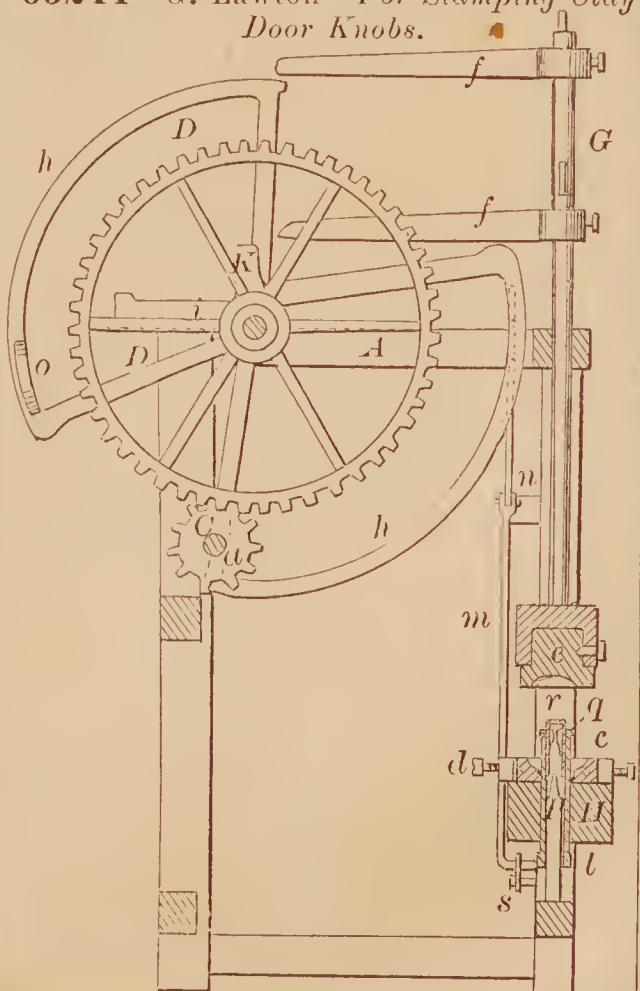
65239—H. Lampson—*Bole Tie.*

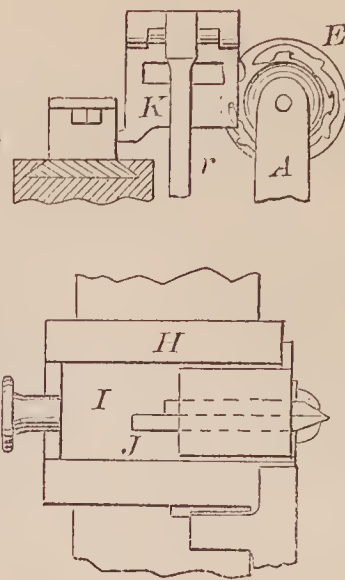
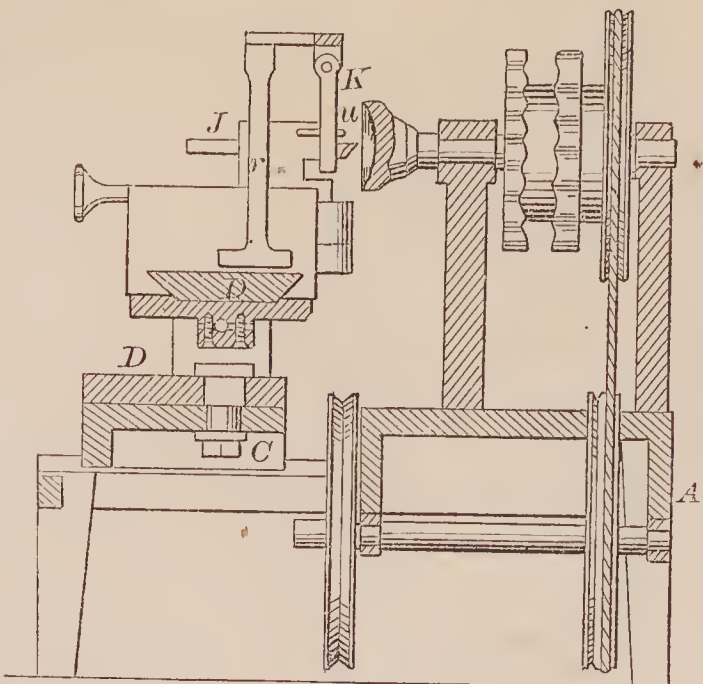
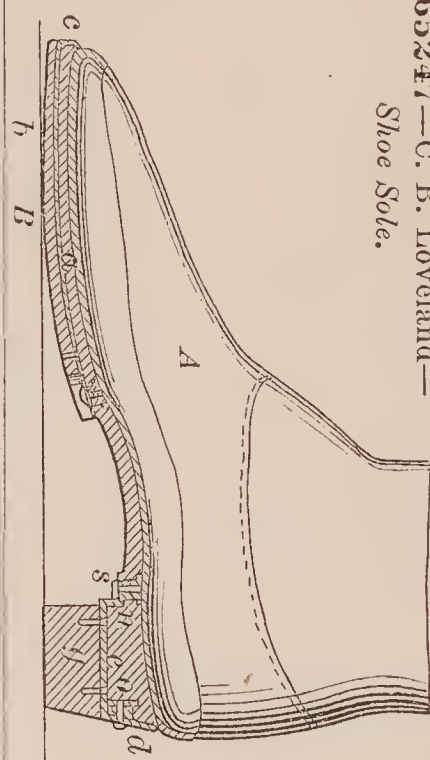
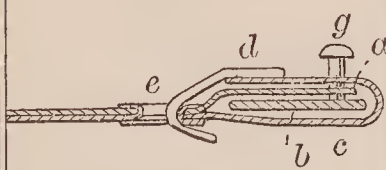
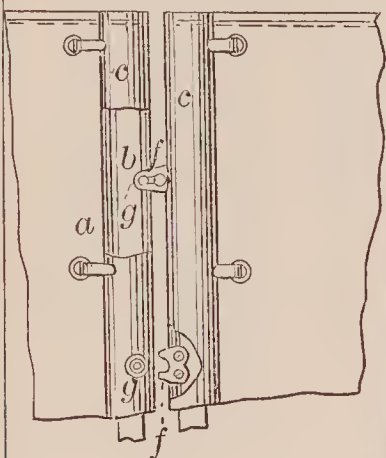
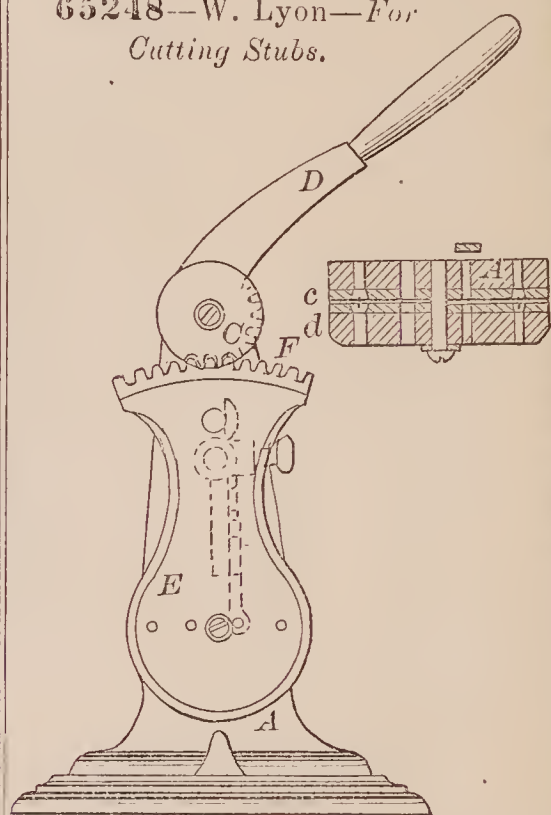
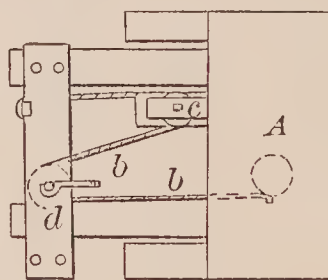
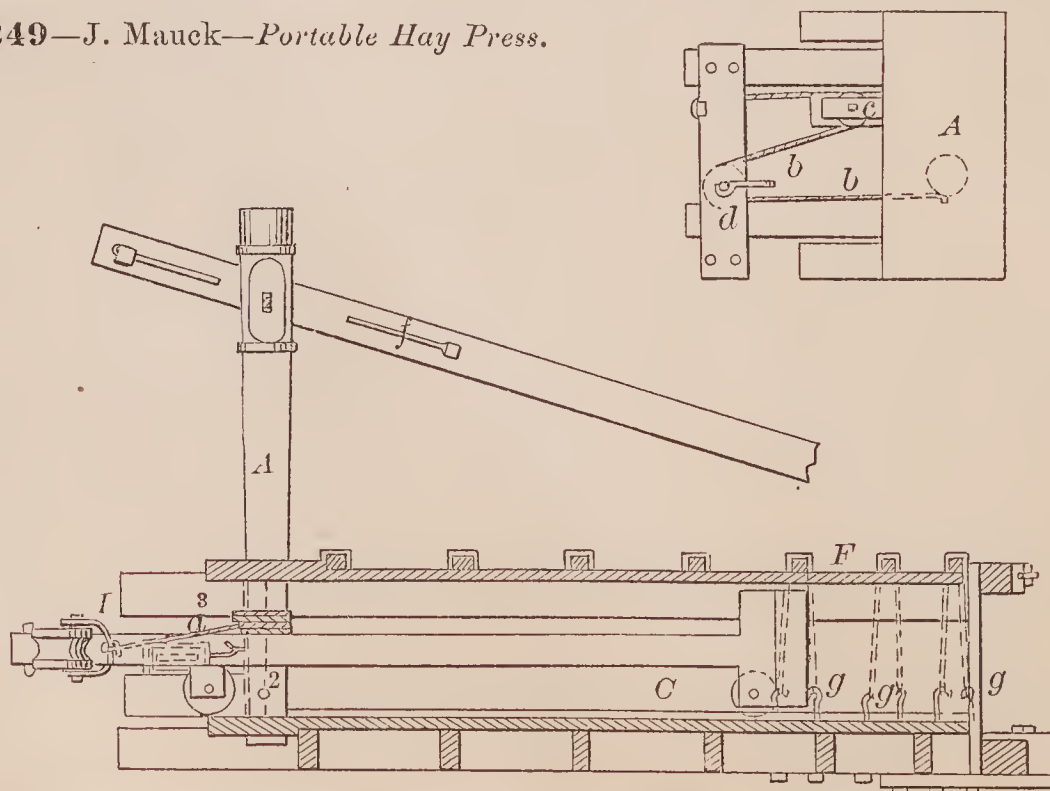


65242—G. Lauder—*For Straightening Bars.*

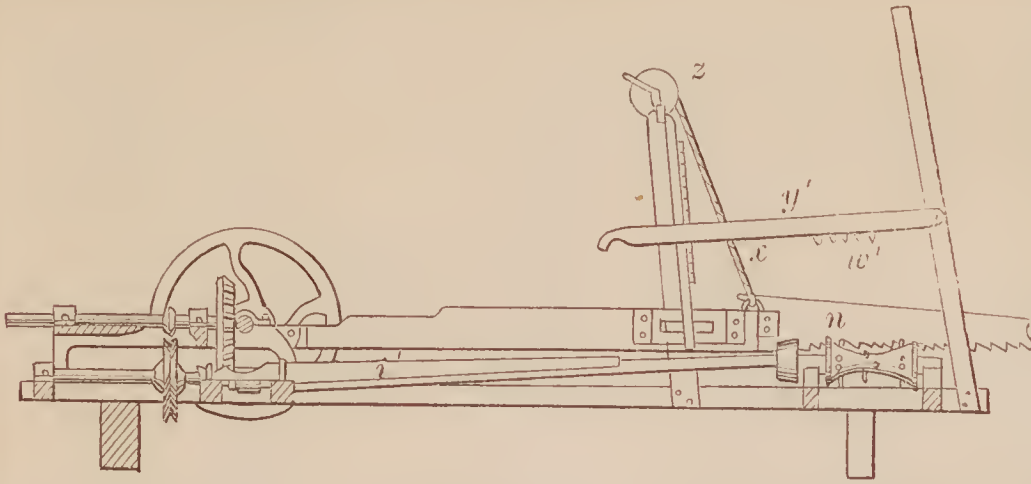


65244—G. Lawton—*For Stamping Clay Door Knobs.*

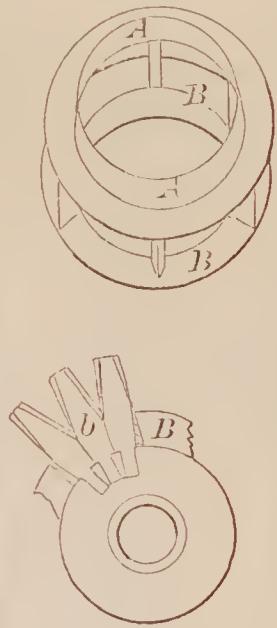


65245—T. Lippiatt—*Rose Engine Lathe.*65250—G. W. McGill—*Button.*65246—J. P. Love—*Corset Fastening.*65247—C. B. Loveland—*Shoe Sole.*65248—W. Lyon—*For Cutting Stubs.*65249—J. Mauck—*Portable Hay Press.*

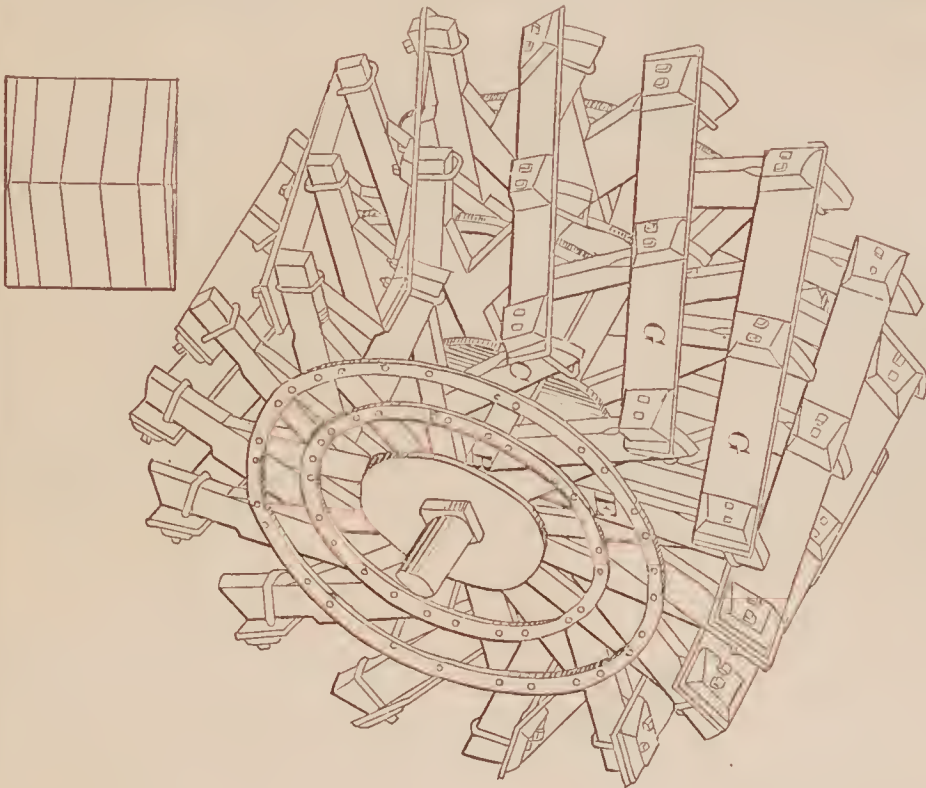
65251—R. M. McGrath—*Sawing Machine.*



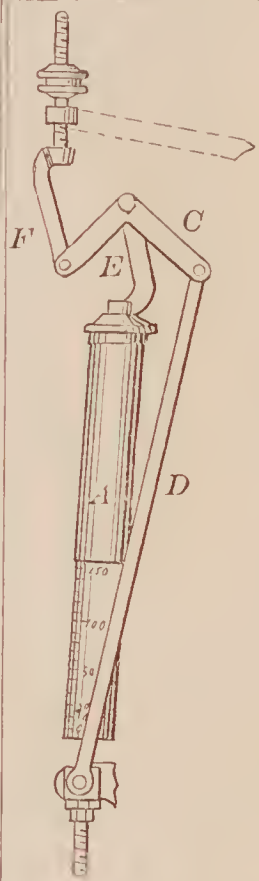
65257—W. F. Morton—*Carriage Wheel.*



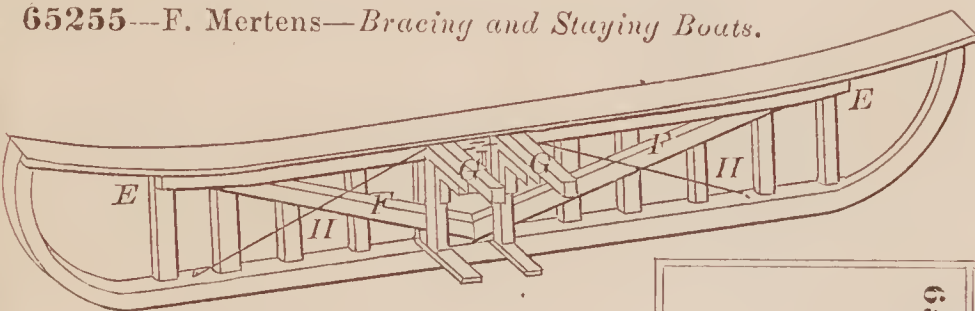
65252—A. McKenzie—*Paddle Wheel.*



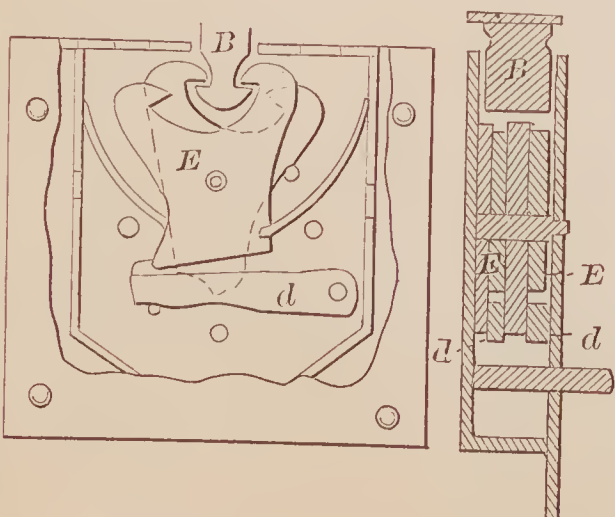
65254—E. Meggenhofen—*Steam Safety Valve.*



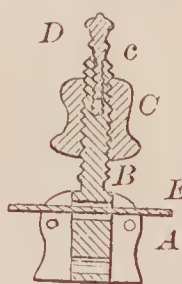
65255—F. Mertens—*Bracing and Staying Boats.*



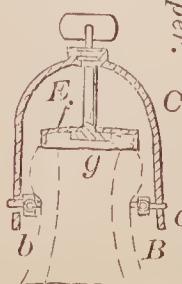
65261—J. Nock—*Trunk Lock.*



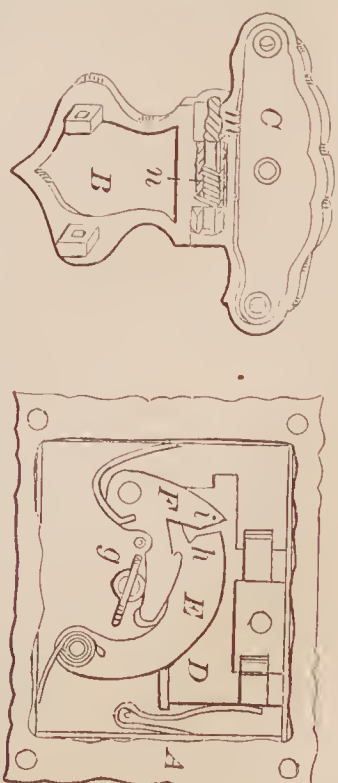
65253—G. L. McKnight—*Calipers.*

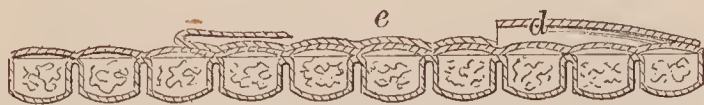
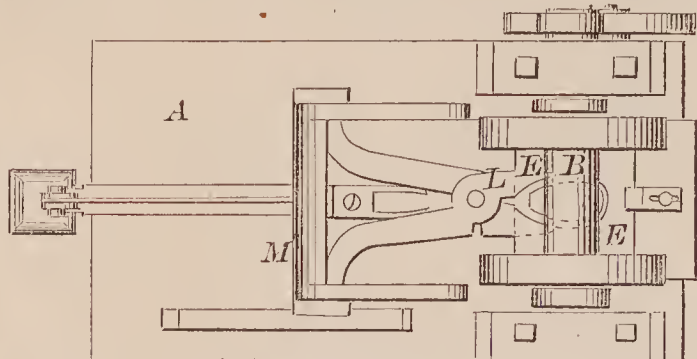
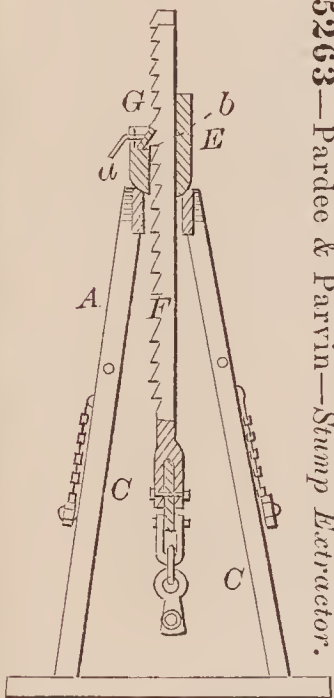
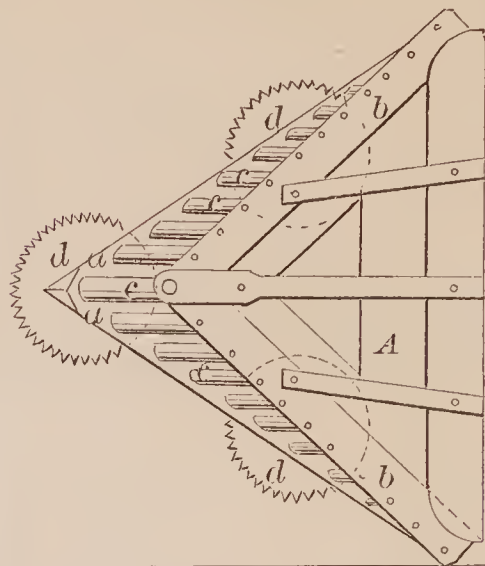
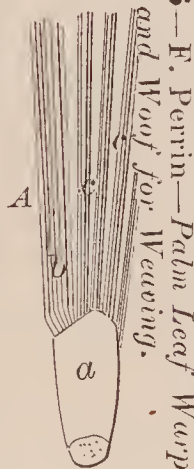
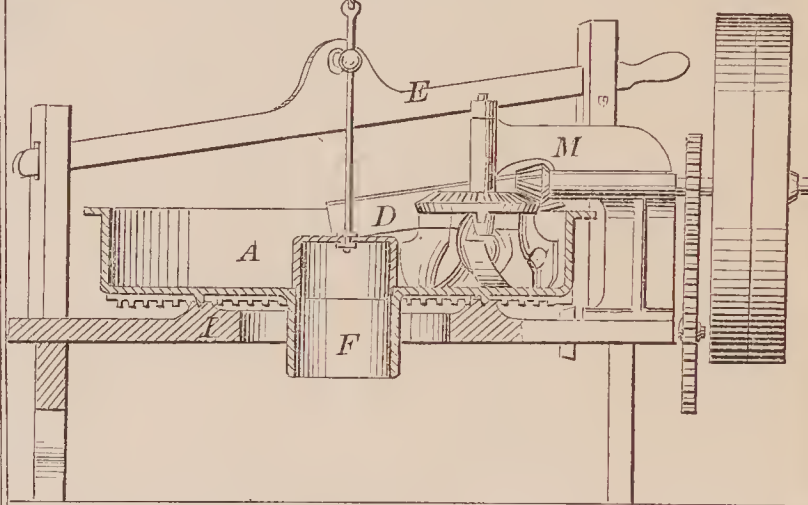
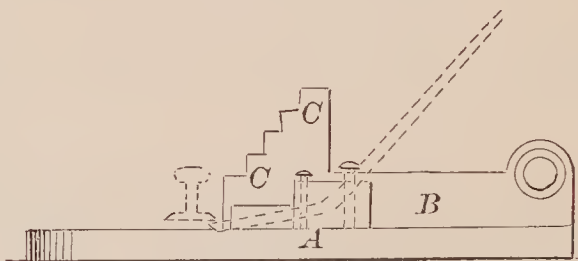
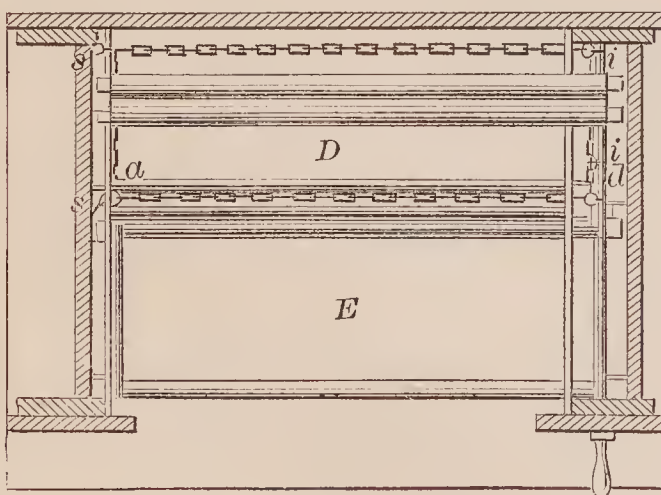
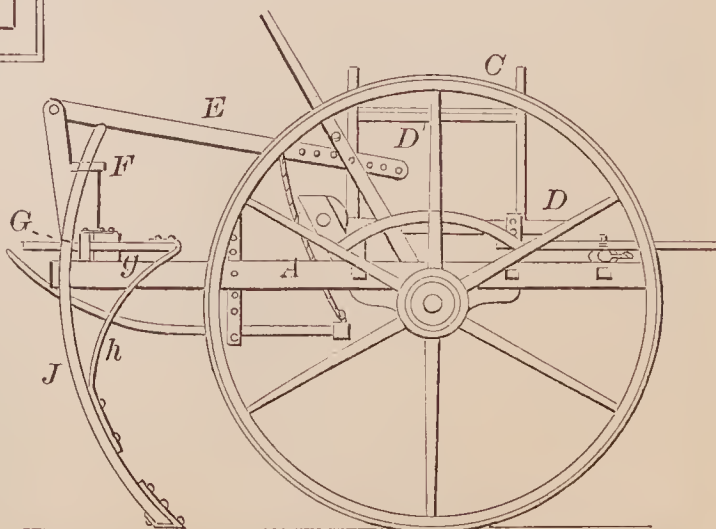
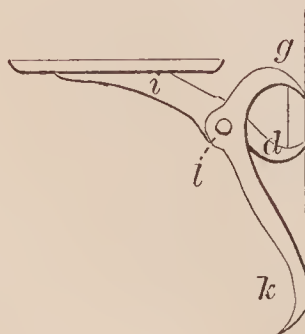


65259—J. Nathan—*Bottle Stopper.*

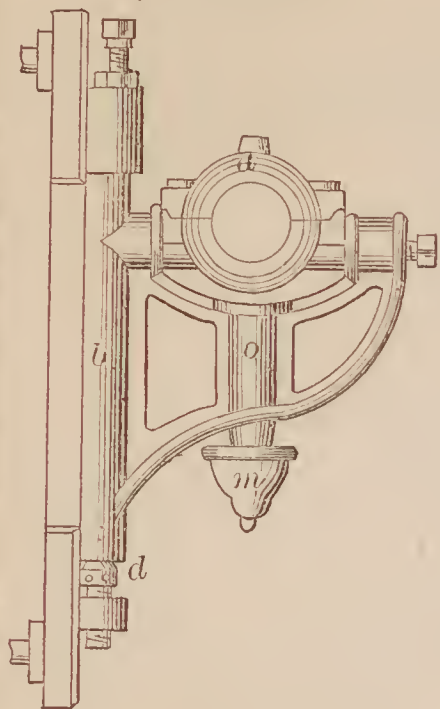


65260—J. Nock—*Trunk Lock.*

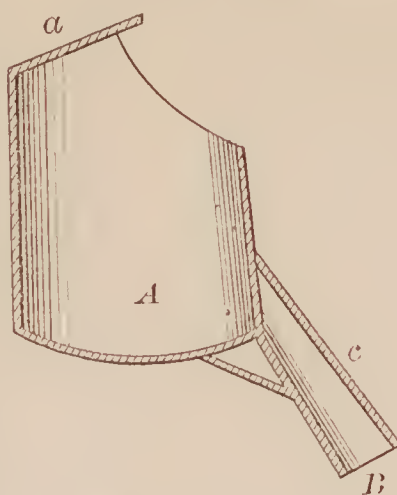


65262—P. N. Ouroussoff—*Portable Camp Bed.*65265—Perkins & Comstock—*Horse Shoe Machine.*65264—B. F. Partridge—*Locomotive Pilot.*65263—Pardee & Parvin—*Stump Extractor.*65266—F. Perrin—*Palm Leaf Warp and Wool for Weaving.*65268—R. Poole—*Machine for Rubbing and Mixing Paints, Chemicals, &c.*65269—S. L. Porter—*Raising and Leveling Railroad Rails.*65272—B. F. Rice—*Portable Shelf.*65270—E. Queru—*Box for Tooth Powder.*65271—J. S. Randall—*Horse Rake.*65273—B. F. Rice—*Portable Shelf.*

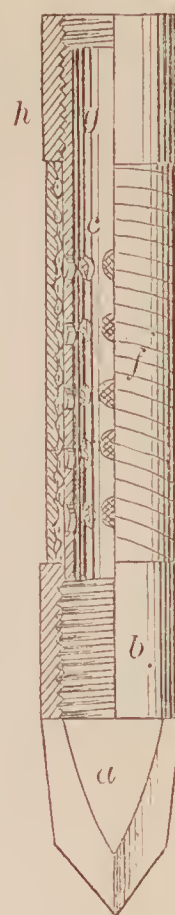
65274—J. Richards—*Hanger for Shafting.*



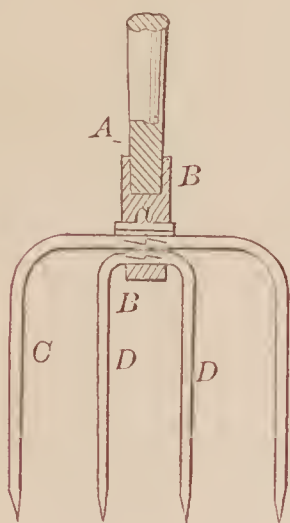
65279—O. P. Rogers—*Fruit Picker.*



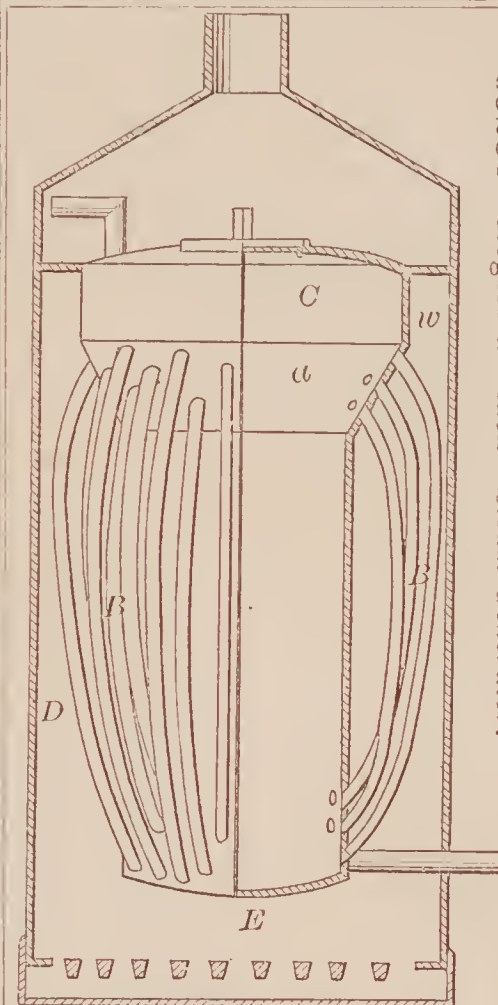
65276—J. W. Ricker—*Tube Well.*



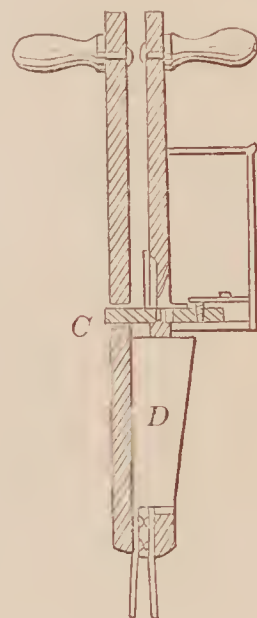
65277—J. P. W. Riley—*Securing Tines of Forks to Handles.*



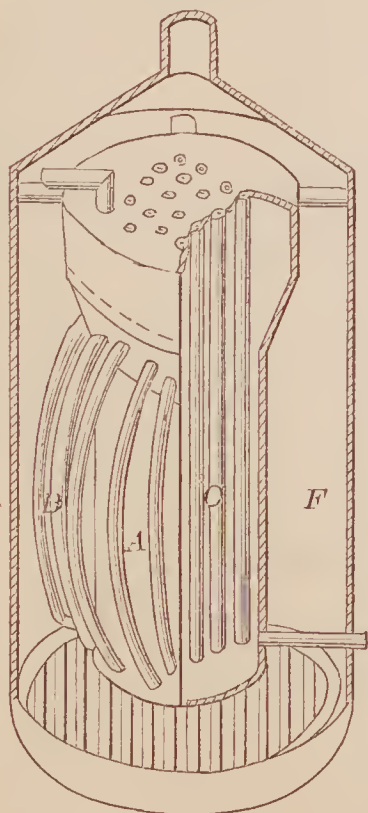
65280—Rogers & Black—*Steam Generator.*



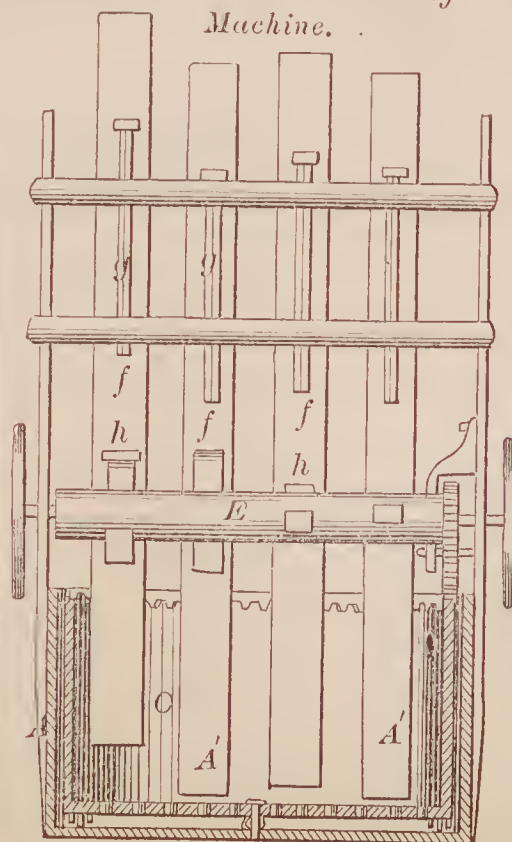
65278—B. F. Robertson—*Corn Planter.*



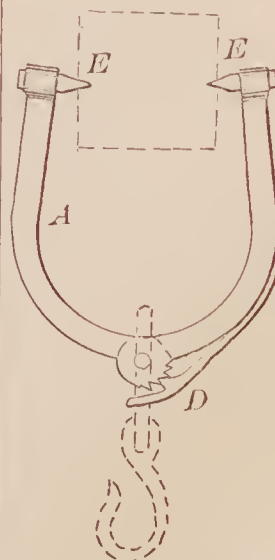
65281—Rogers & Black—*Steam Generator.*



65282—R. Rooke—*Washing Machine.*



65283—W. S. Salisbury—*For Suspending Hay Forks.*



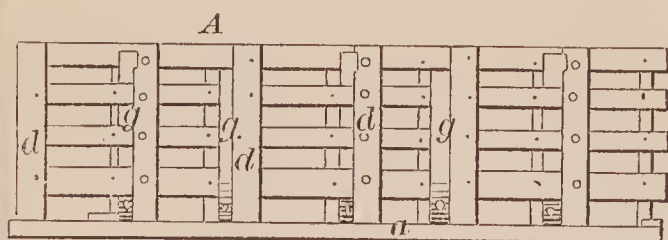
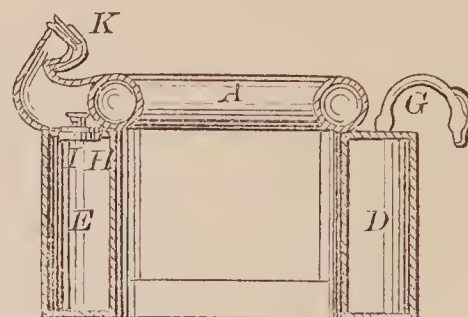
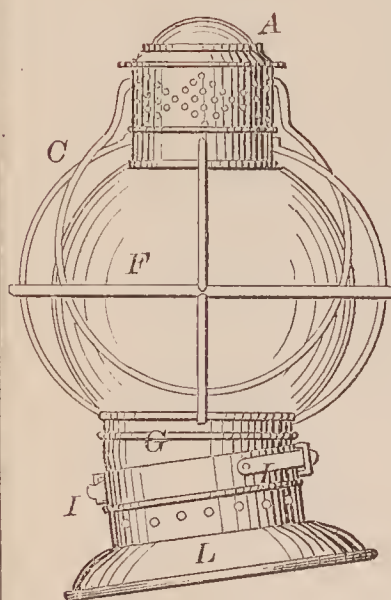
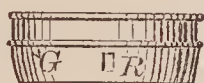
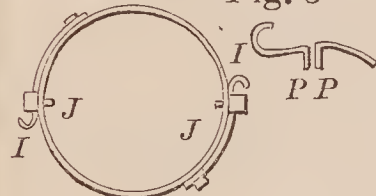
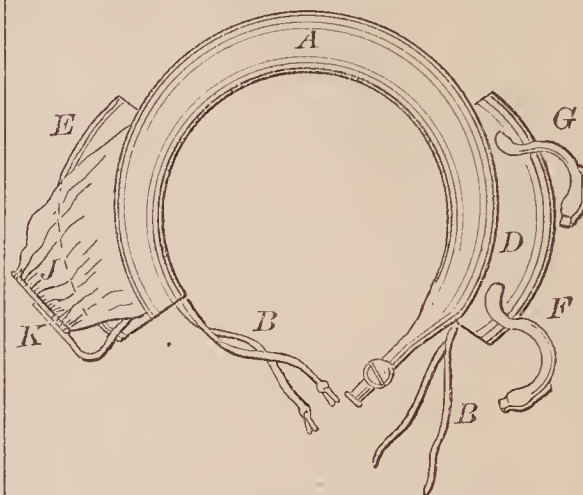
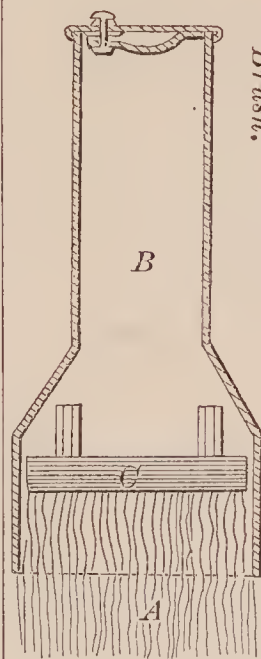
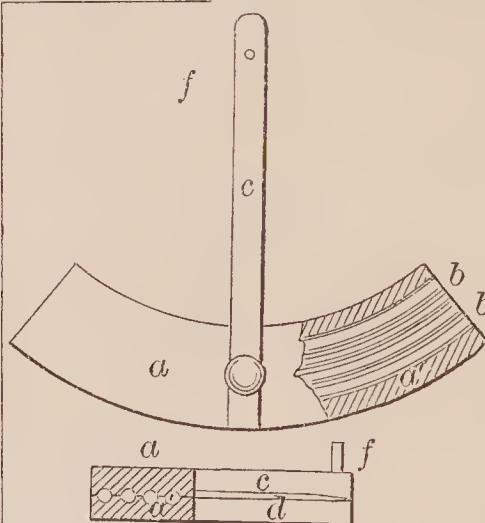
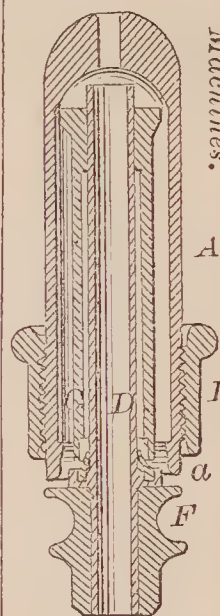
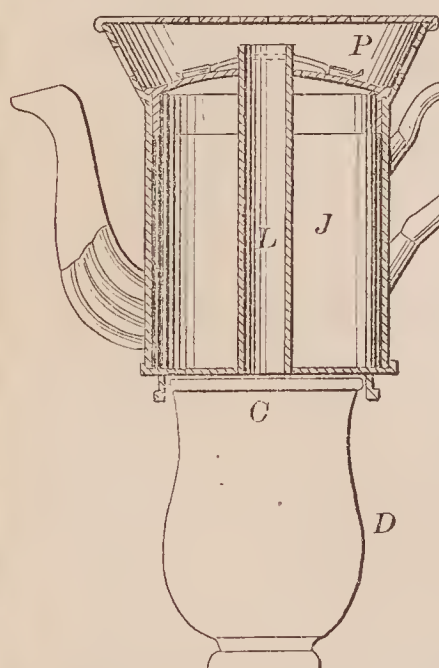
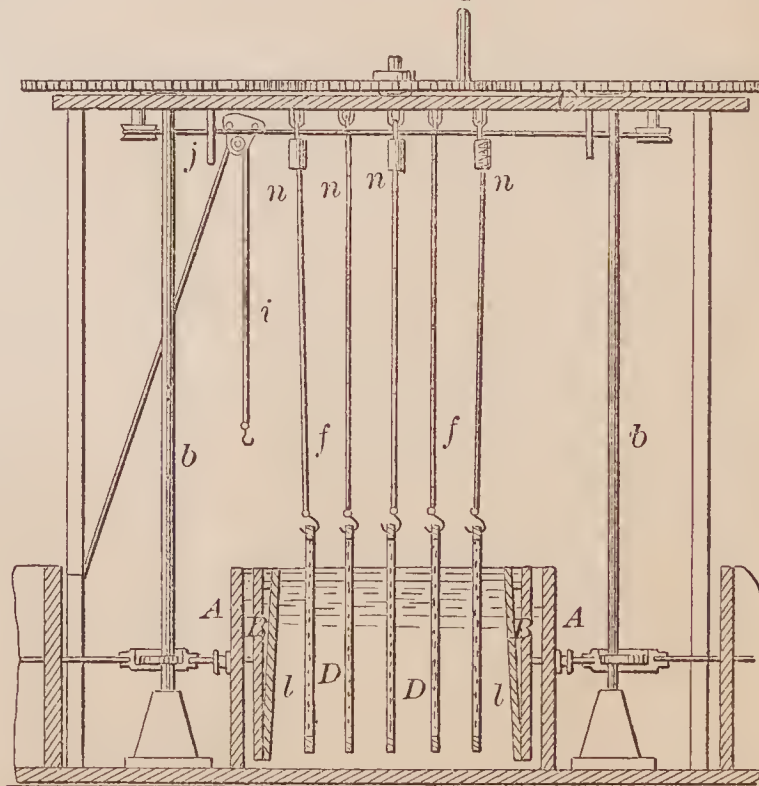
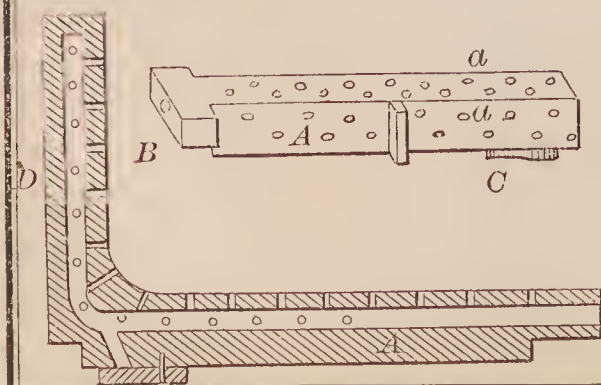
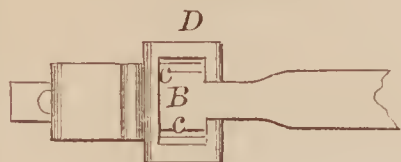
65284—J. W. Sanders—*Fence.*65287—J. Shaw—*Life Preserver.*65285—H. Sangster—*Lantern.*

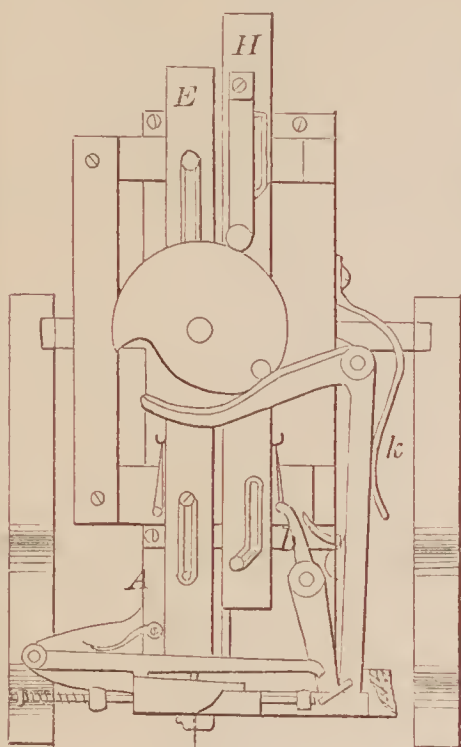
Fig. 5

65290—W. Shriver—*Reservoir Damping Brush.*65288—J. H. Shaw—*Pill Machine.*65291—J. Smith—*Cop for Spinning Machines.*65286—E. O. Scharlan—*Heating Attachment for Oil Lamps.*65292—A. Steers—*For Tanning.*65289—J. Sherman—*Grate Bar.*

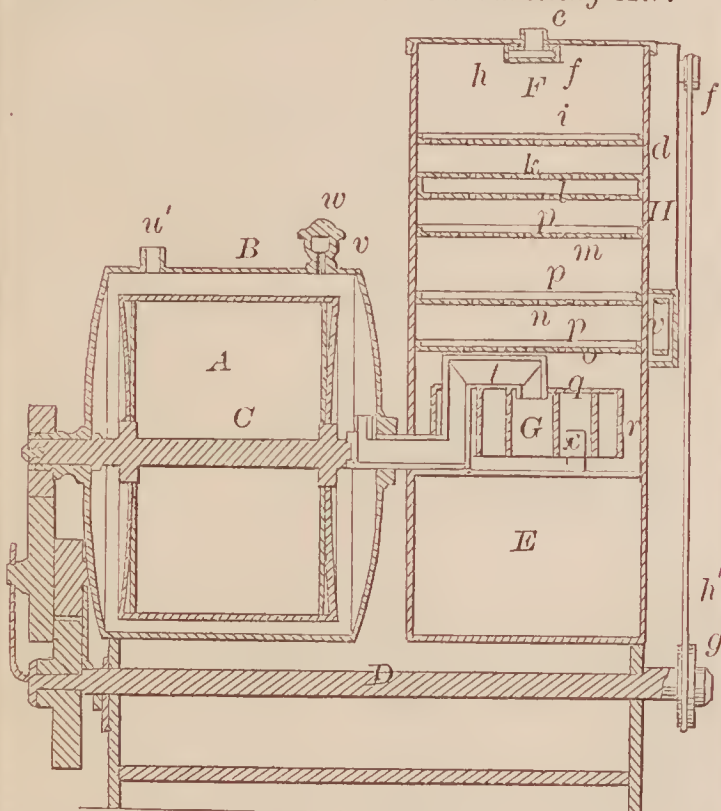
65293—J. Stephen—*Shaft Coupling.*



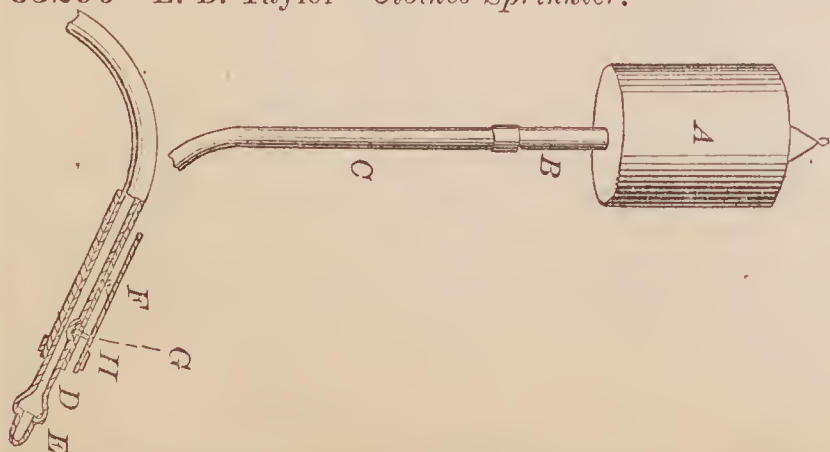
65294—E. M. Stevens—*Pegging Machine.*



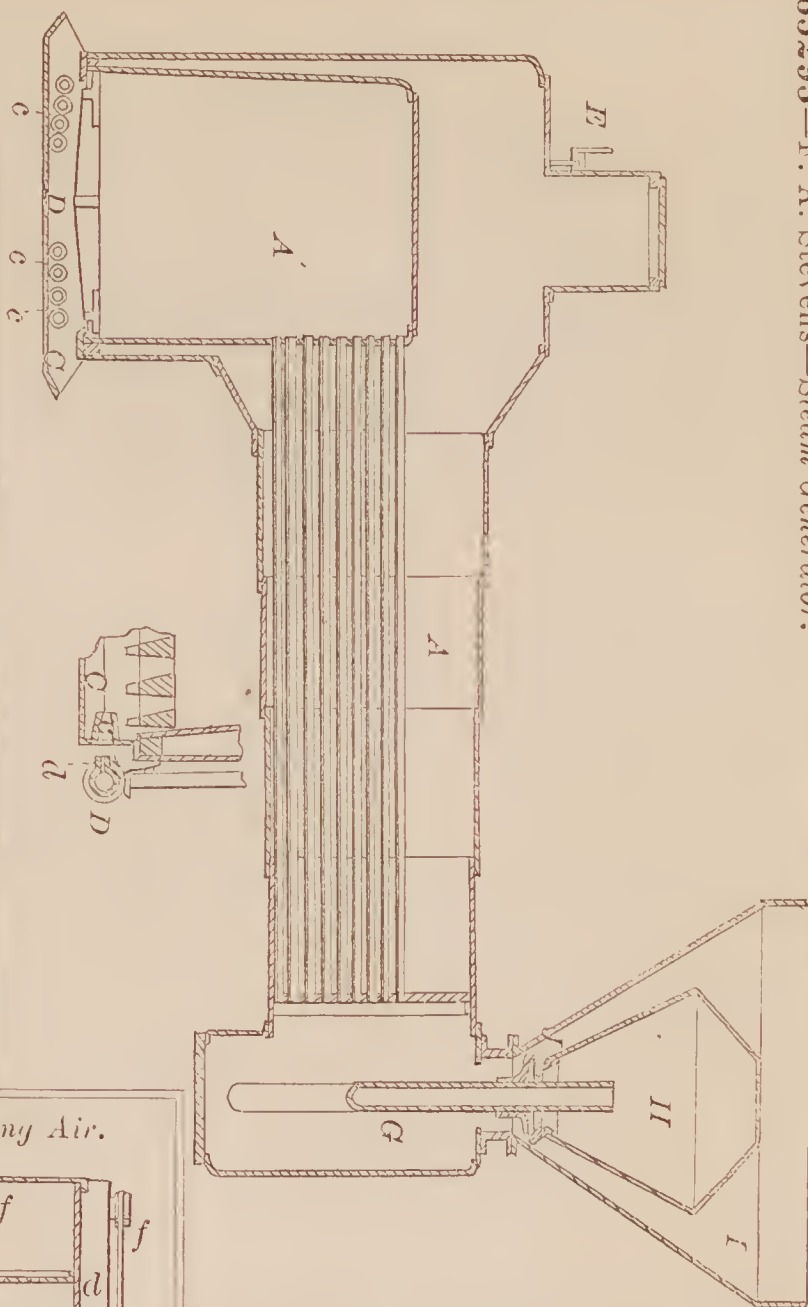
65296—L. Stevens—*For Carburetting Air.*



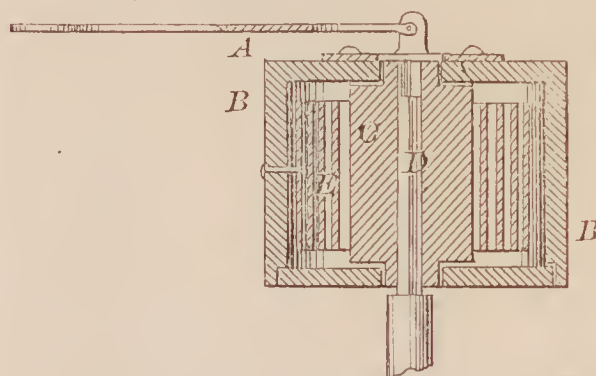
65299—E. B. Taylor—*Clothes Sprinkler.*



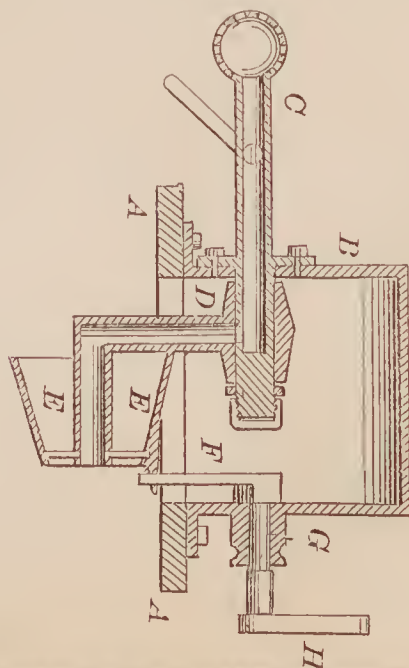
65295—J. A. Stevens—*Steam Generator.*



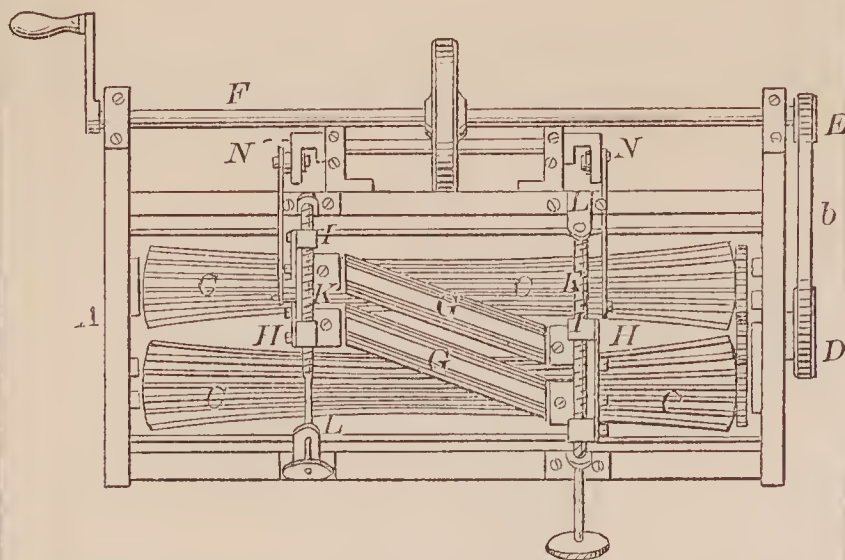
65297—A. Stewart—*Draft Equalizer for Horse Power.*



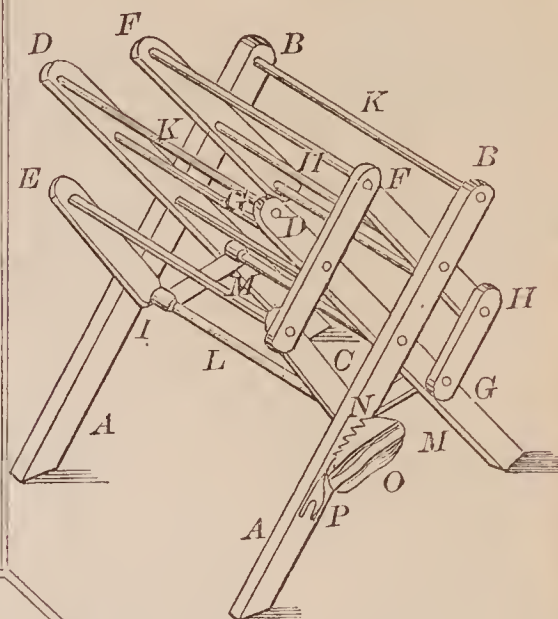
65298—H. L. Stibbs—*For Removing Water from the Holds of Vessels.*



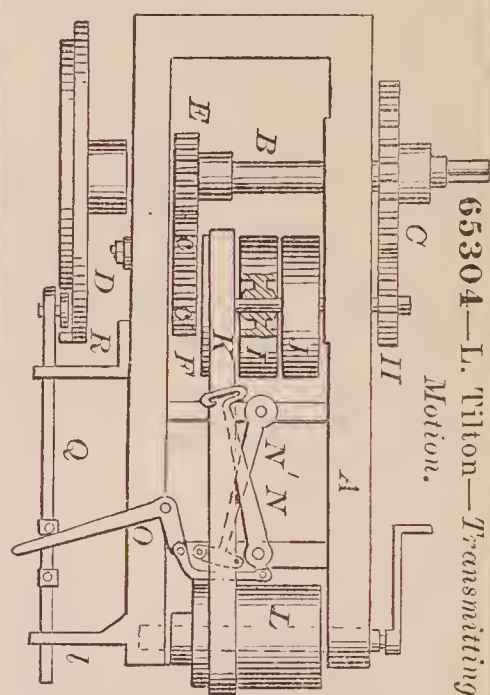
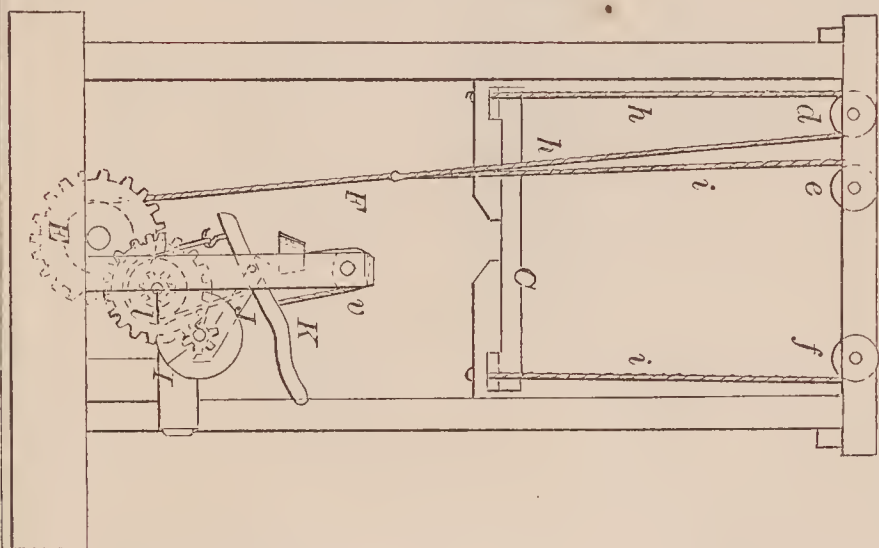
65300—J. S. Taylor—For Sizing Hats, &c.



65305—S. H. Titus—Clothes Dryer.

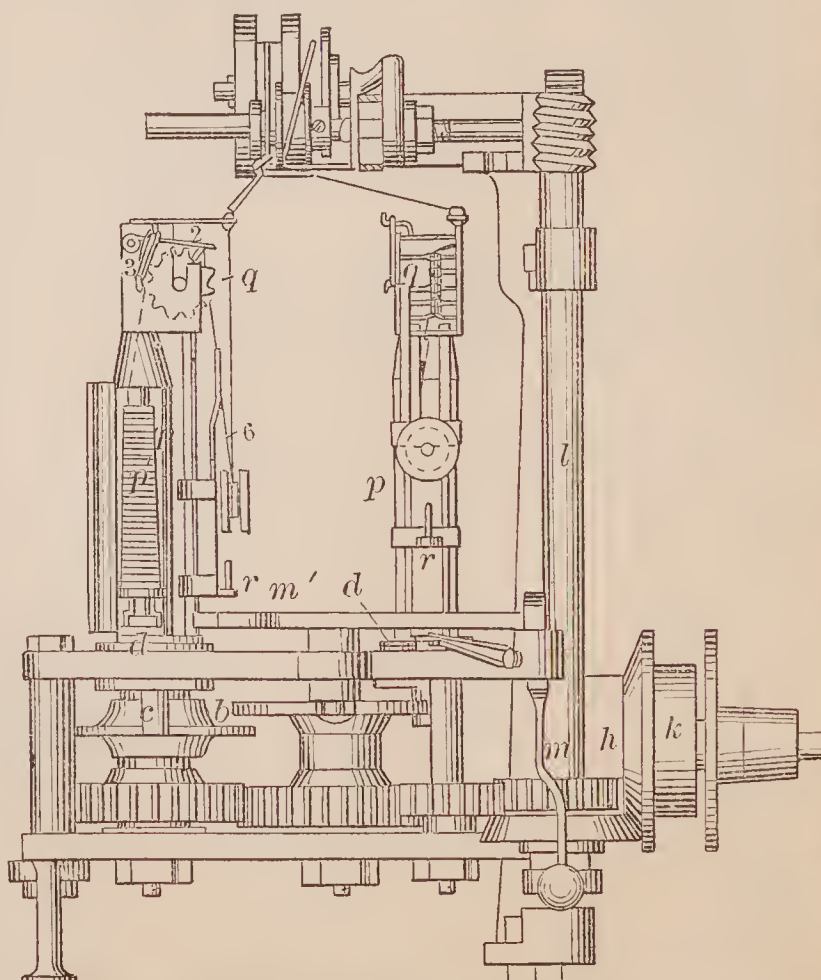


65307—J. W. Tucker—Hoisting Machine.

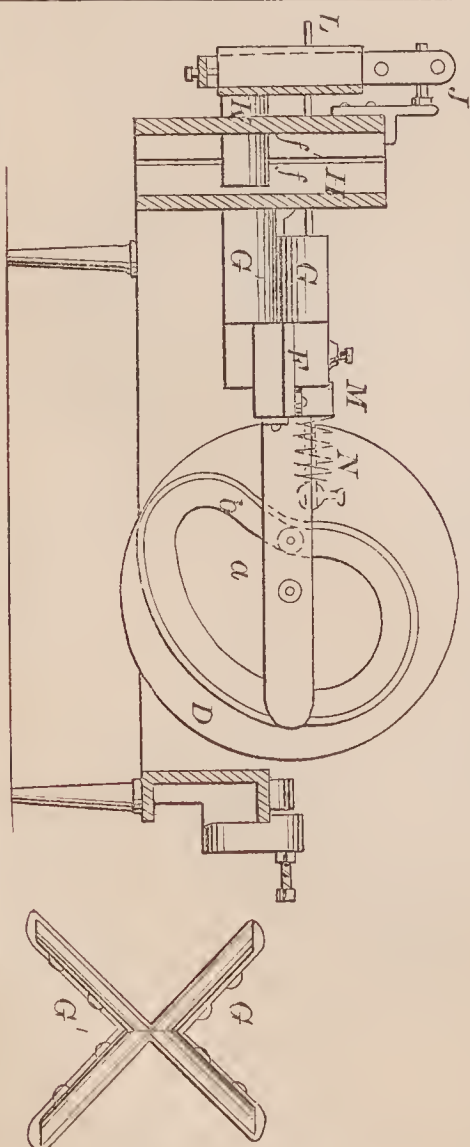


65304—L. Tilton—Transmitting Motion.

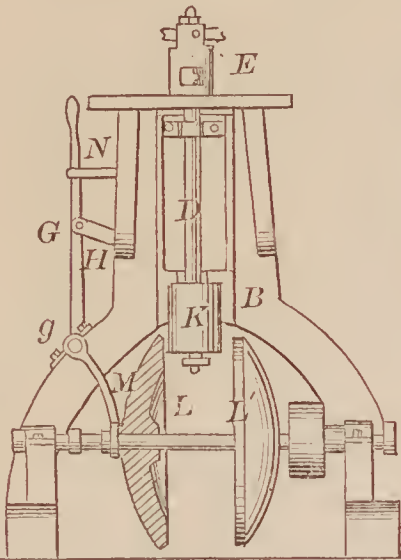
65309—W. Tunstill—Braiding Machine.



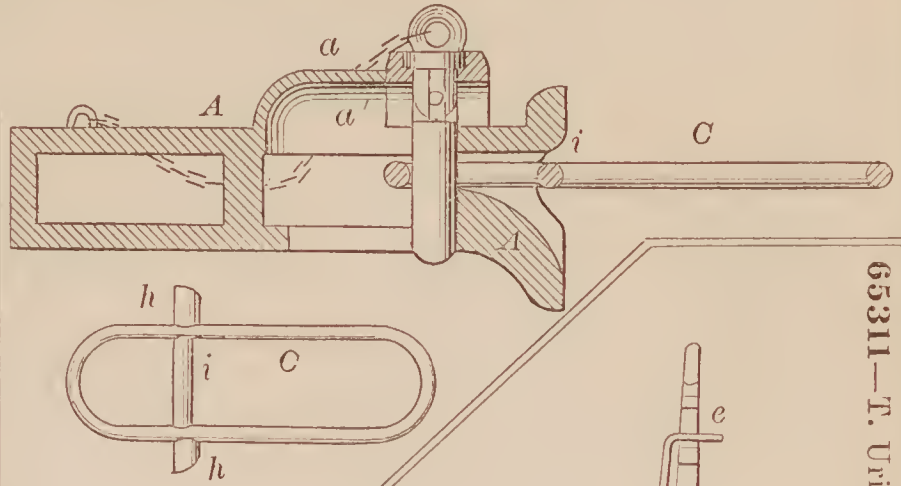
65303—L. Tilton—Wood Splitting Machine.



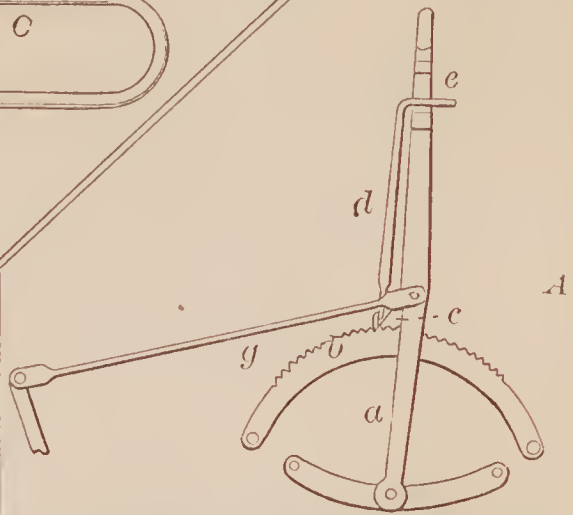
65308—W. Tucker—Wood Planing Machine.



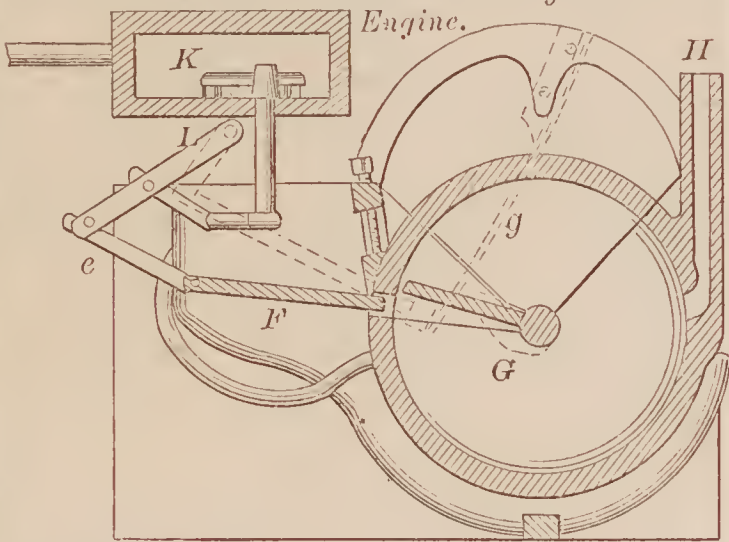
65310—E. A. Turner—Car Coupling.



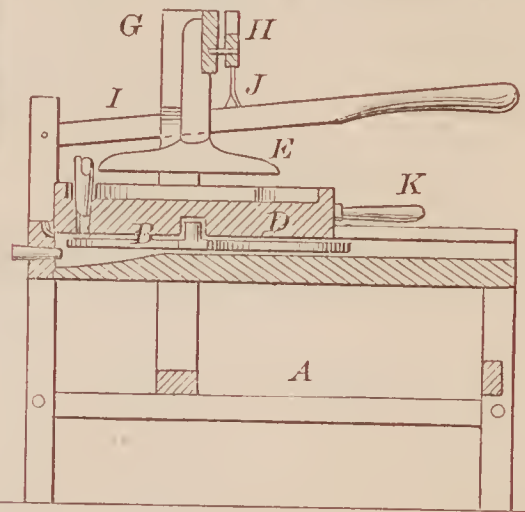
65311—T. Urie—Wagon Brake Lock.



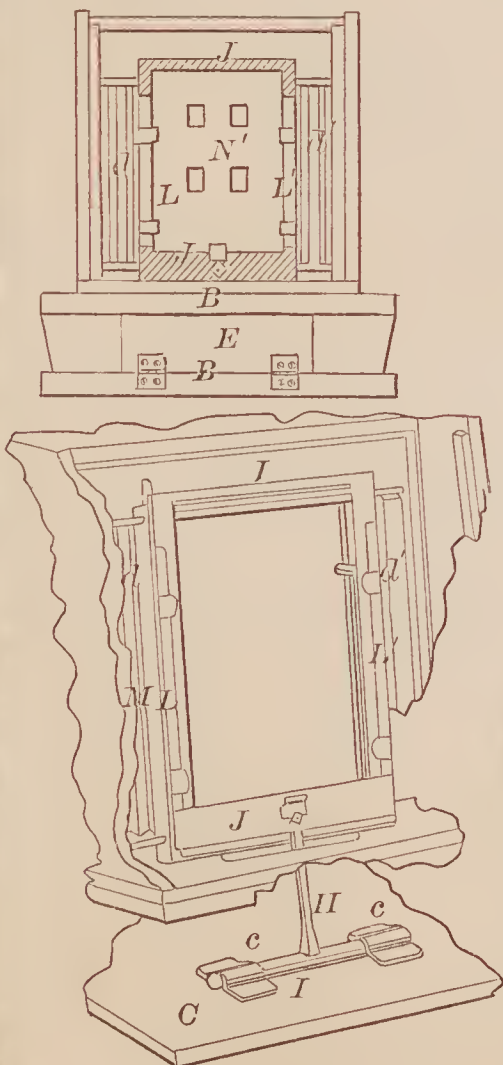
65312—Van Sandt & Hurt—Rotary Steam Engine.



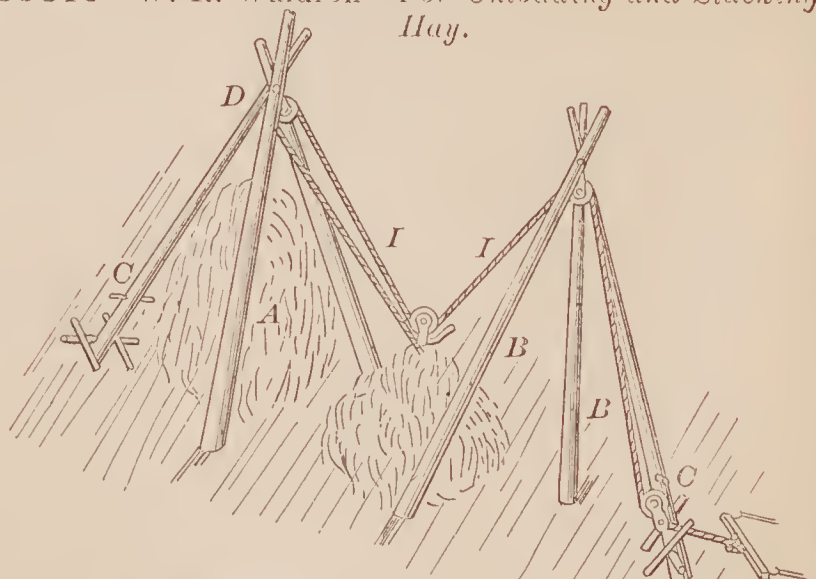
65315—S. H. Wade—Butter Worker.



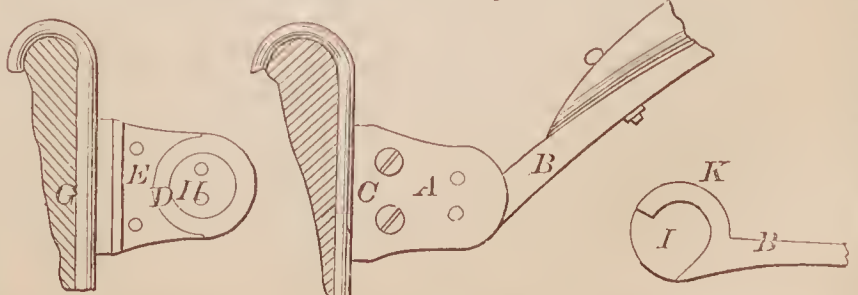
65314—G. W. Venner—Photographic Camera.

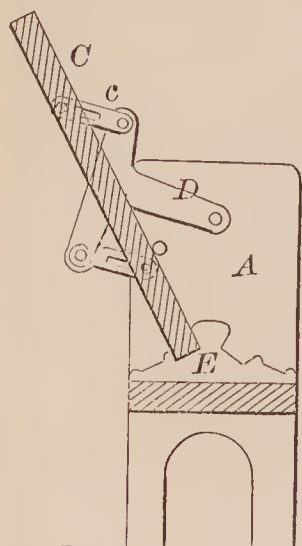
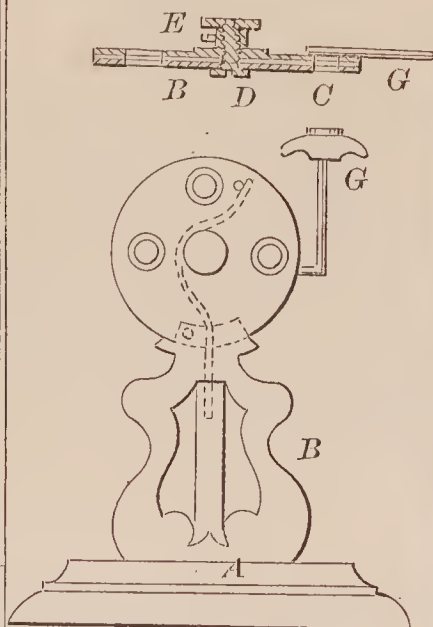
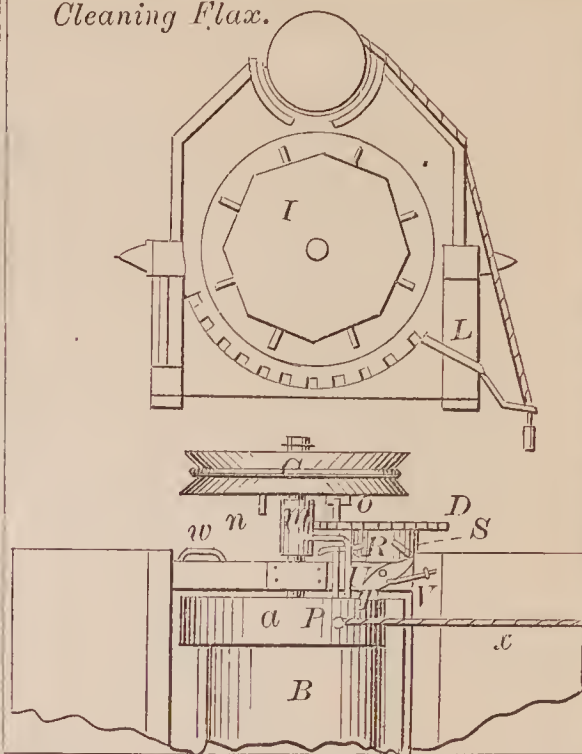
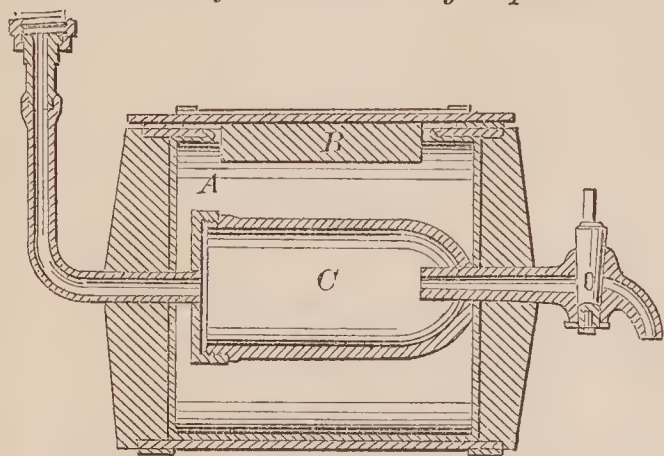
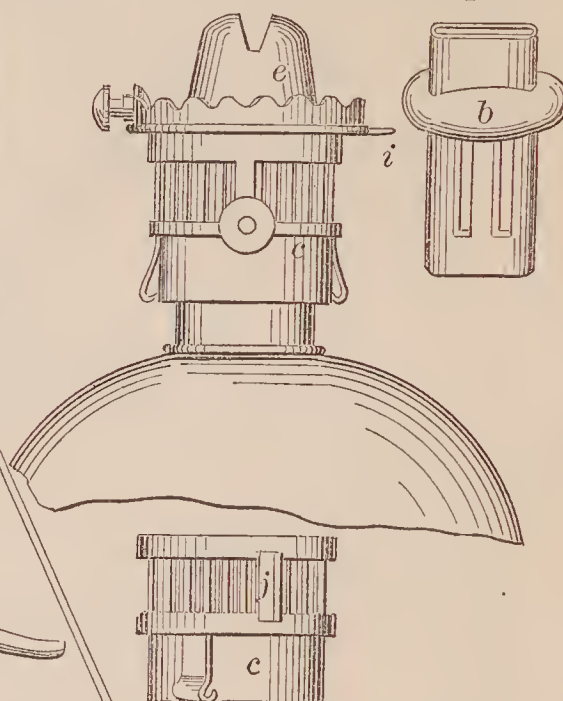
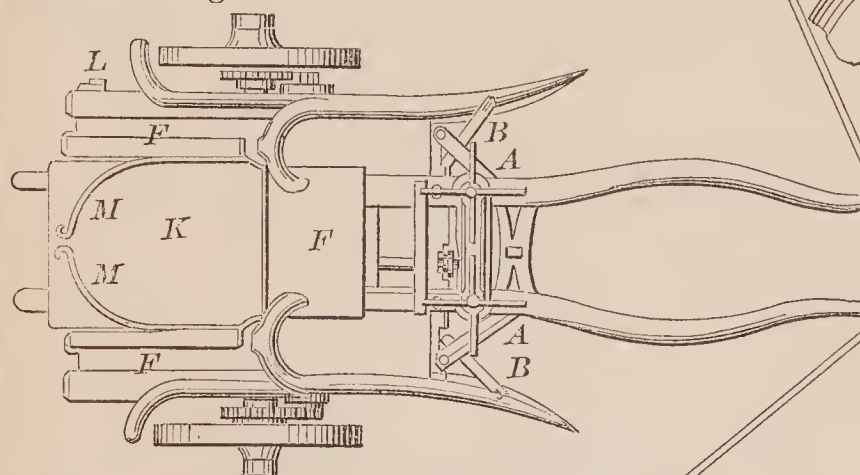
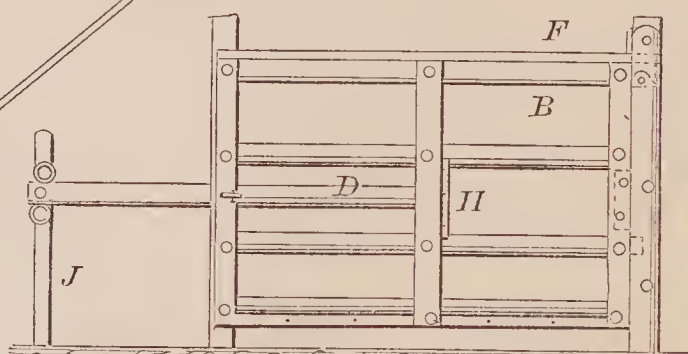
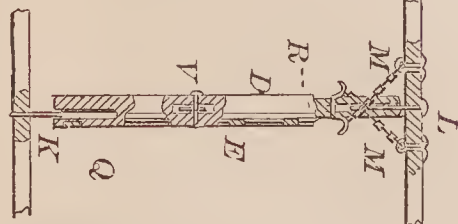
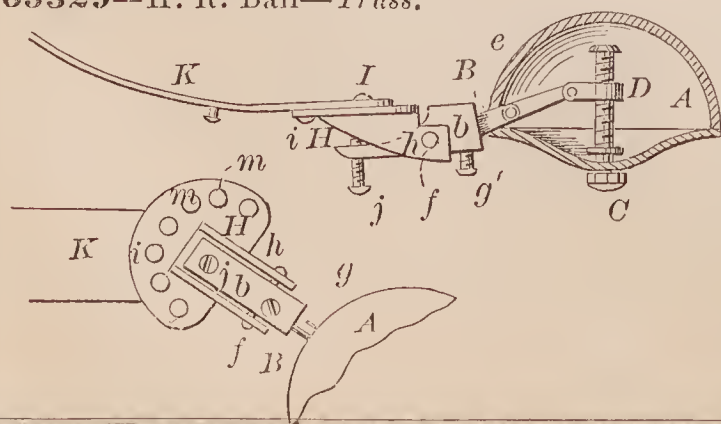
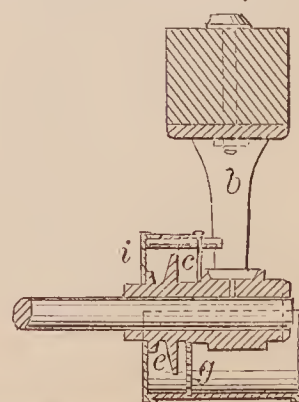


65316—W. R. Waldron—For Unloading and Stacking Hay.

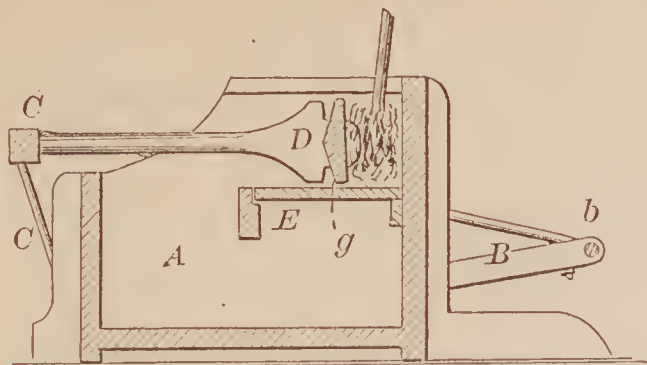


65317—F. M. Weller—Carriage Shackle.

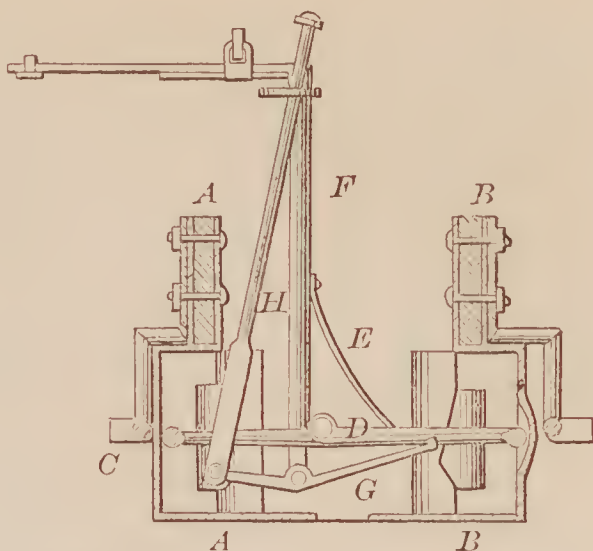


65318—J. S. Wheat—*Car Seat.*65325—Zern & Warwick—*For Cutting off Cigars.*65319—W. W. Whiddit—*For Cleaning Flax.*65320—E. Whyte—*For Cooling Liquids.*65322—J. B. Wortham—*Lamp Burner.*65324—Wright & Johnson—*Corn Harvester.*65326—P. M. Ackerman—*Gate.*65327—J. B. Alexander—*Gate.*65329—H. R. Ball—*Truss.*65328—J. Bachelder—*Self Lubricator.*

65330—O. C. Barnes—Mop Wringer.



65331—J. B. Behrens—Car Coupling.



65333—A. B. Bérard—Manufacture of Steel.

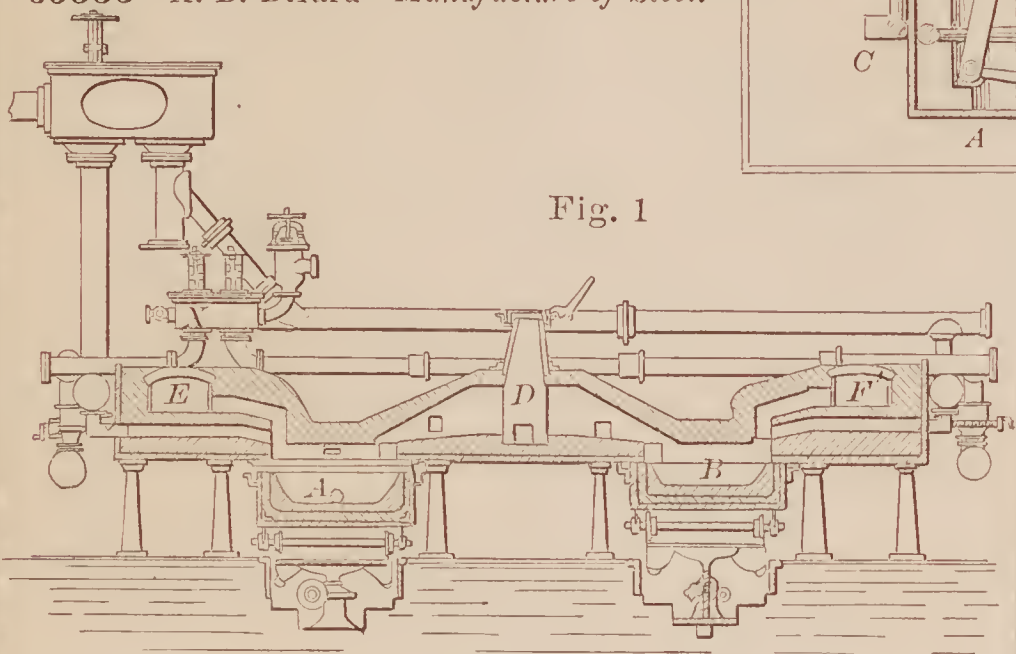


Fig. 1

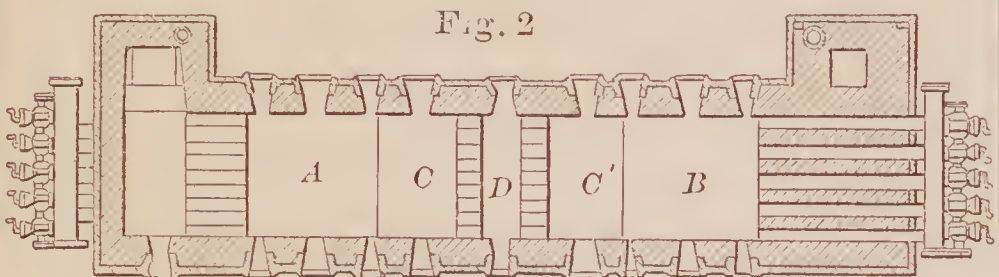
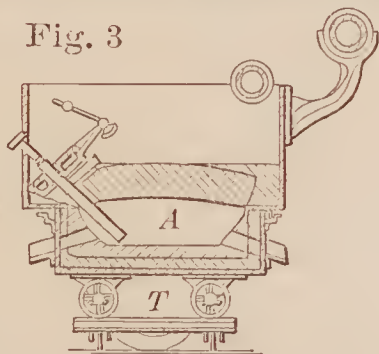
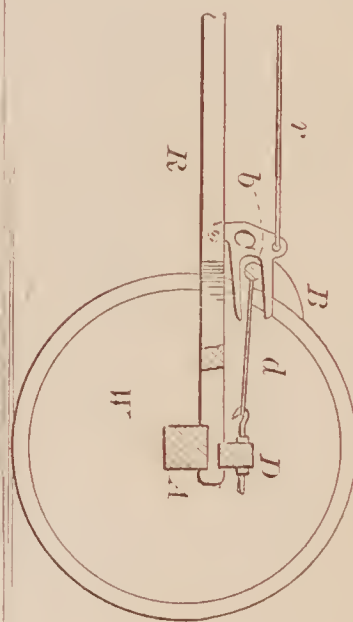


Fig. 2

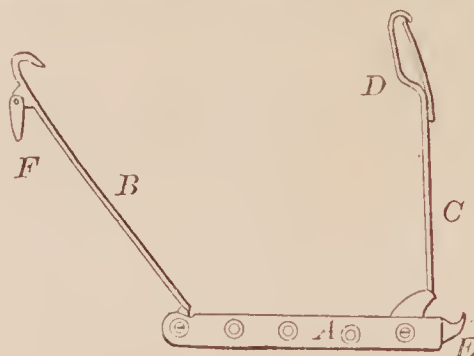
Fig. 3



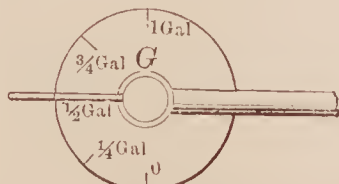
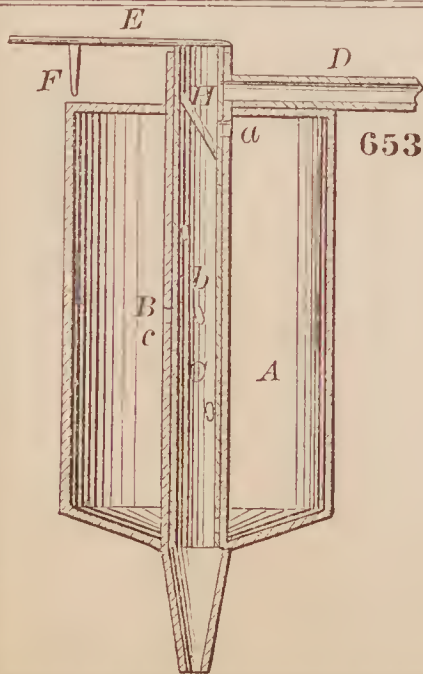
65332—Bennet & Drake—Wagon Brake.



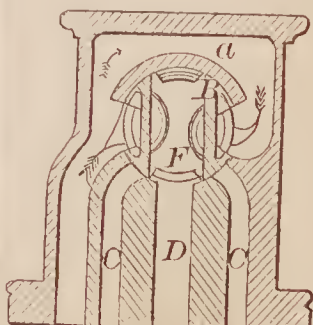
65334—M. T. Briggs—Hame Strap.

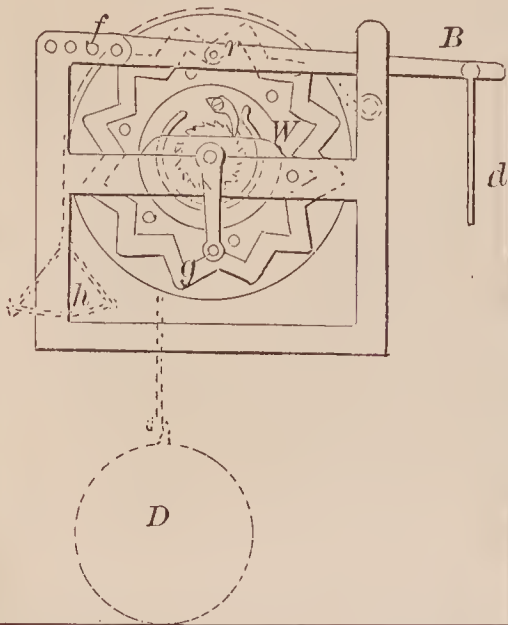
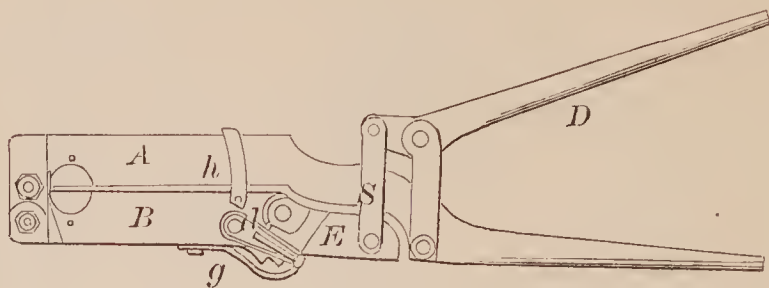
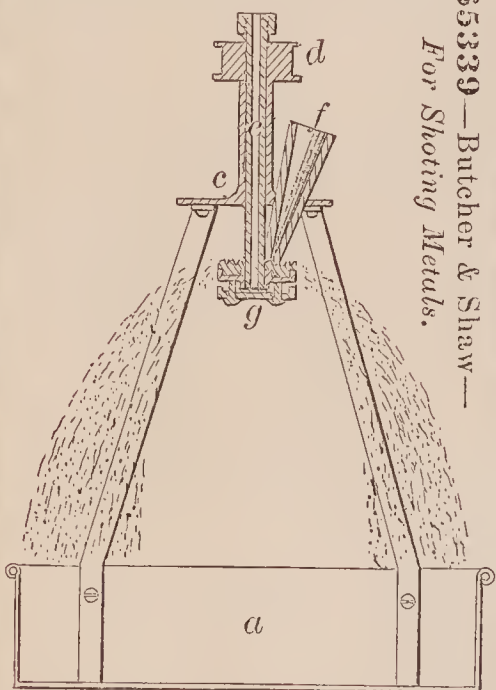
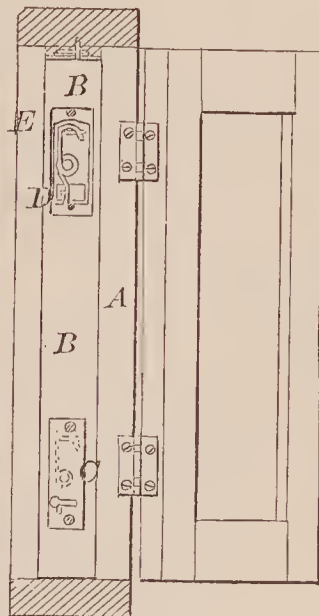
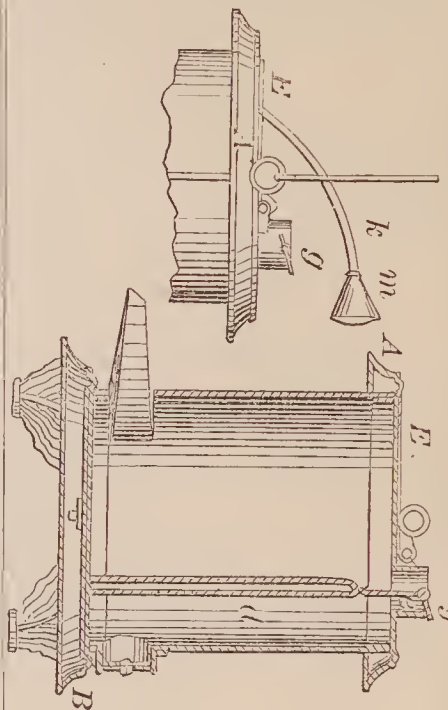
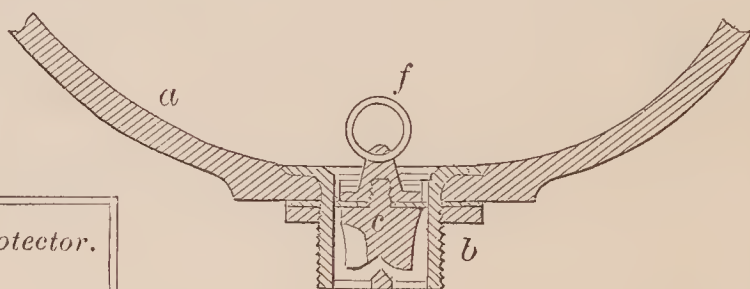
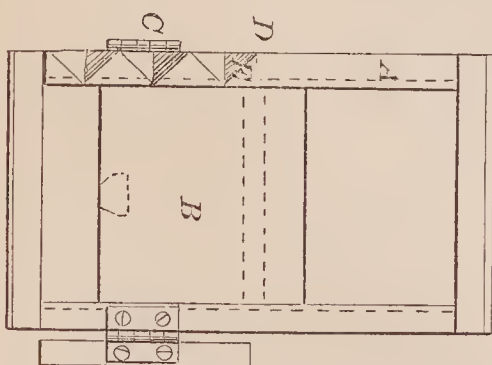
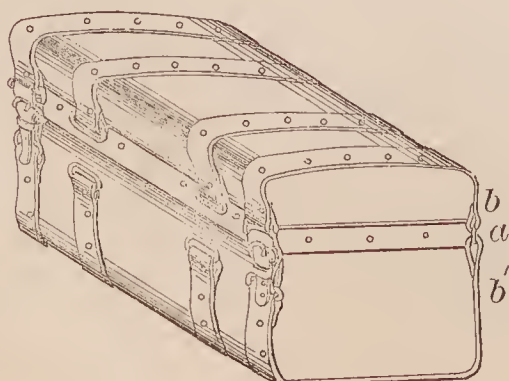
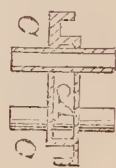
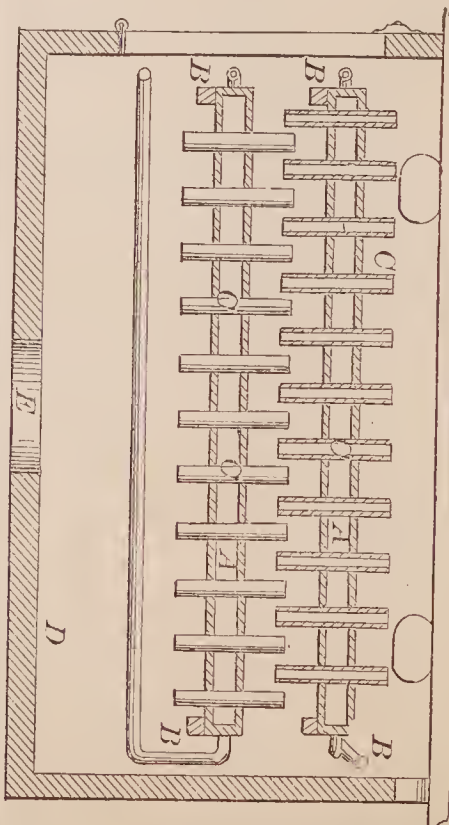


65335—P. Brinkerhoff—Liquid Measure.

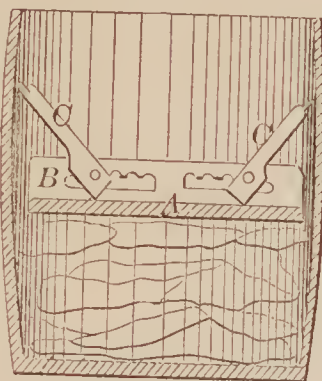


65336—R. F. Brown—Steam Rotary Valve.

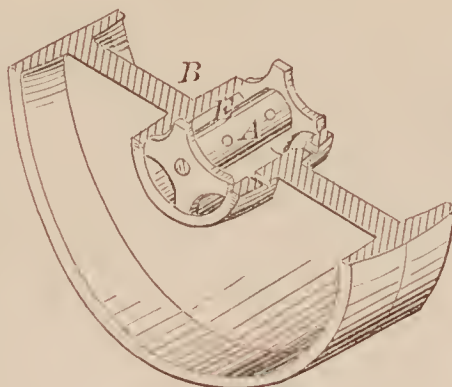


65337—J. Budd—*Churn Power.*65338—M. D. Budd—*Bolt and Rivet Trimmer.*65339—Butcher & Shaw—*For Shaving Metals.*65340—C. E. Butler—*Weather Strip.*65341—Buttles & Cowles—*Timbers' Store.*65343—W. S. Carr—*Basin Plug.*65342—H. G. Carr—*Car Window Protector.*65344—E. P. Carter—*Trunk.*65345—A. Cary—*Steam and Water Heating.*

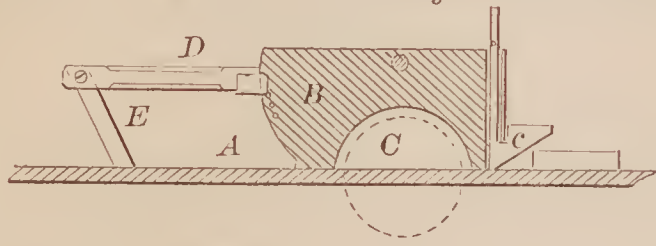
65346—H. L. Chase—*Tub and Barrel Cover.*



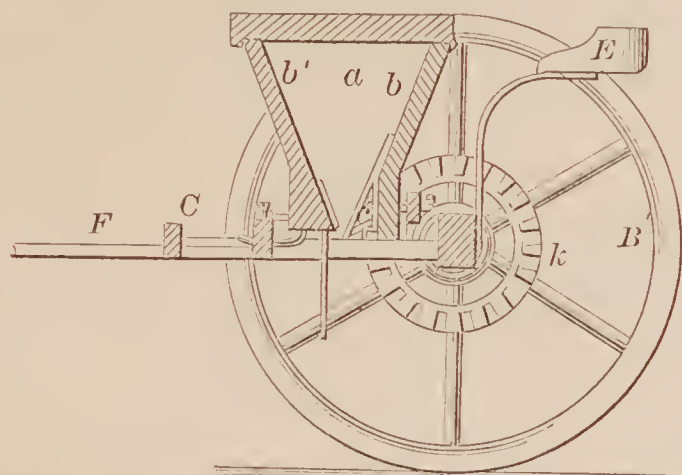
65349—W. W. Crane—*Self-Lubricating Pulley.*



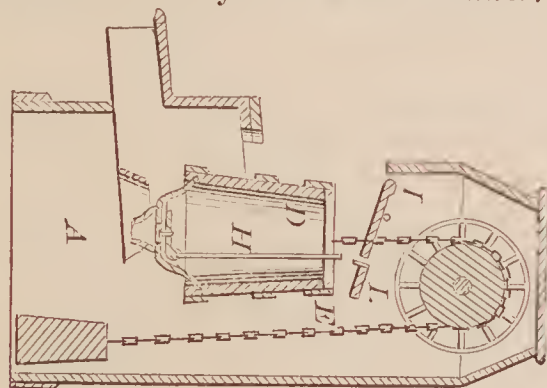
65347—J. W. Clark—*Guard for Circular Saws.*



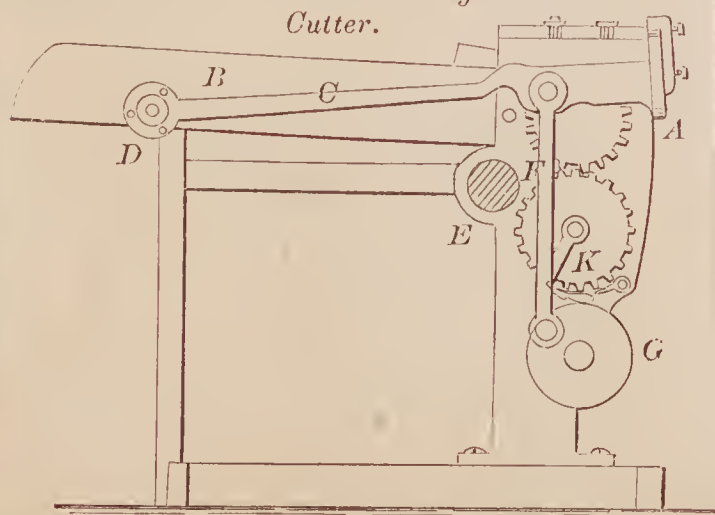
65350—F. P. Cullom—*Plaster Sower.*



65353—J. Daykin—*Water Drawer.*



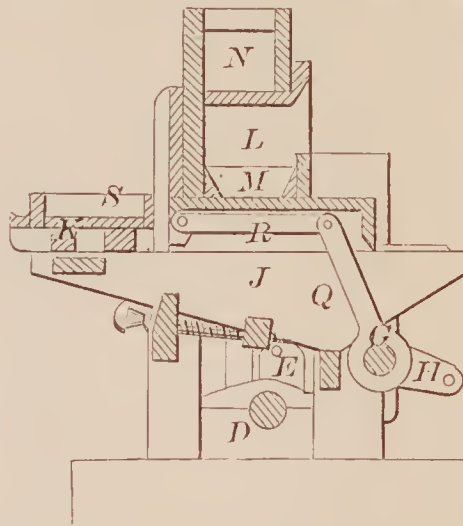
65355—J. H. Dickinson—*Hay and Straw Cutter.*



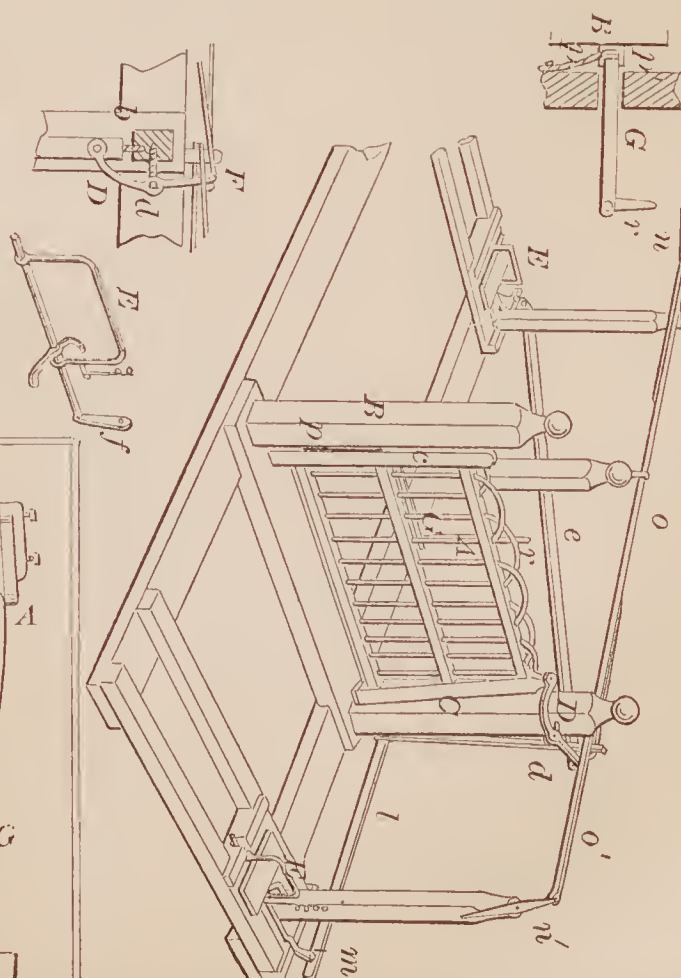
65352—W. M. Davis—*Drying Loaves of Sugar.*



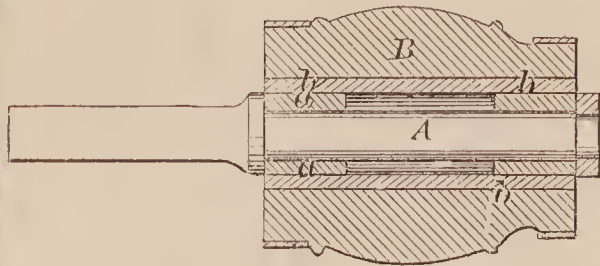
65351—J. B. Curtis—*Brick Machine.*



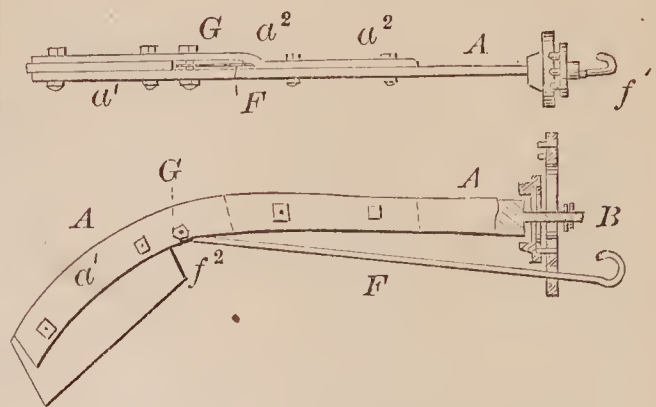
65354—J. Dickason—*Gate.*



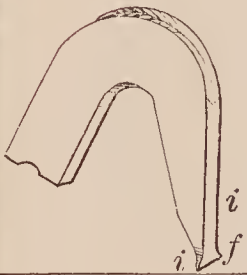
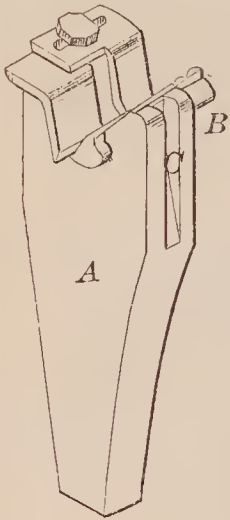
65356—G. W. Disman—*Soft Metal Bearing for Carriage Boxes.*



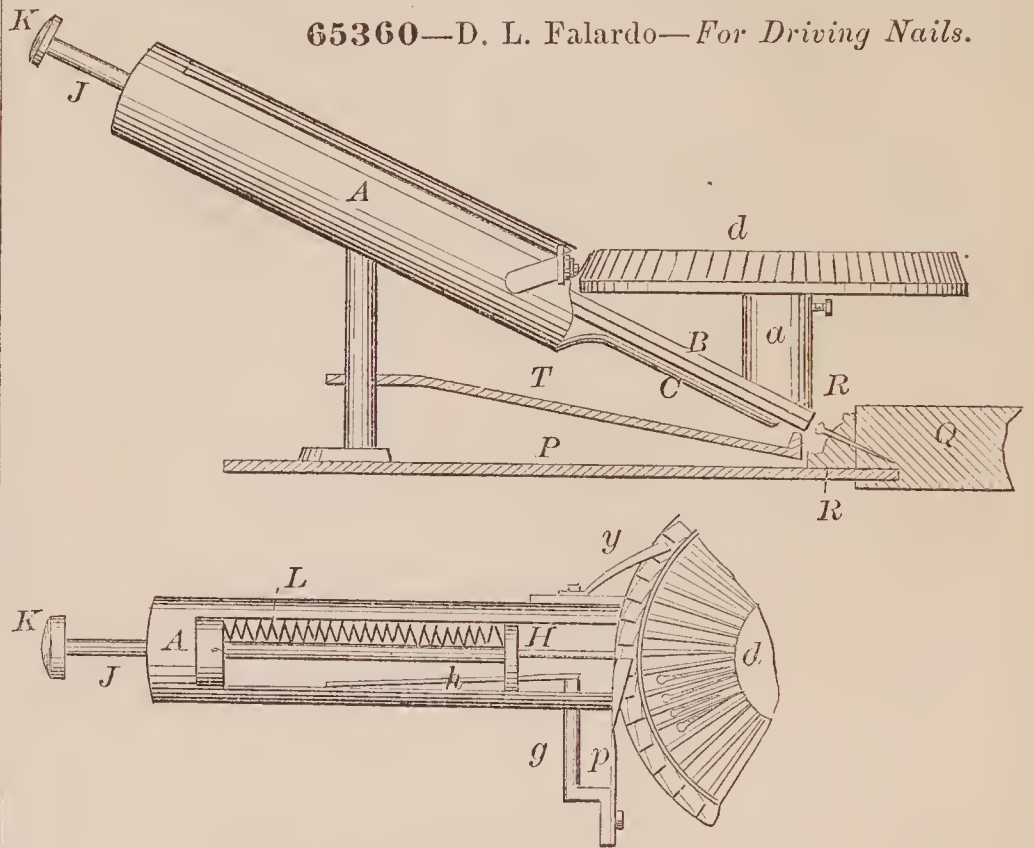
65357—W. Eddy—*Plow Beam.*



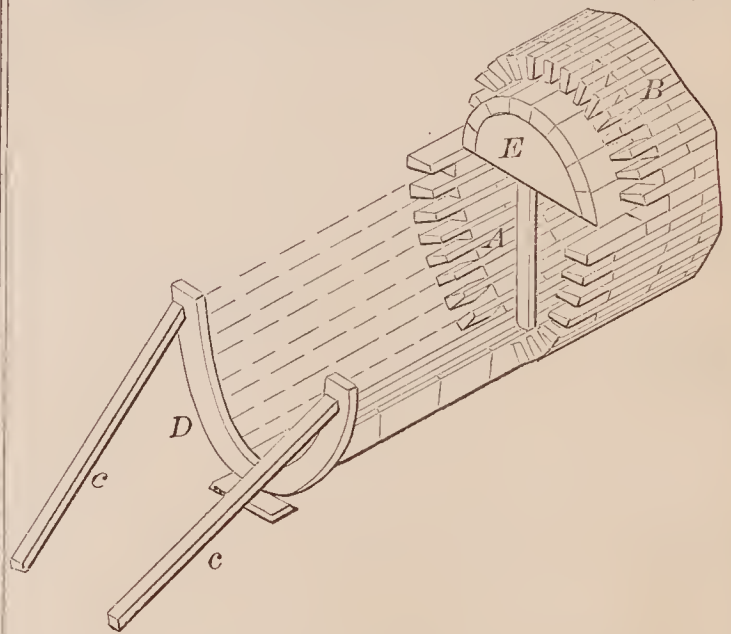
65358—J. E. Emerson—*Saw Set.*



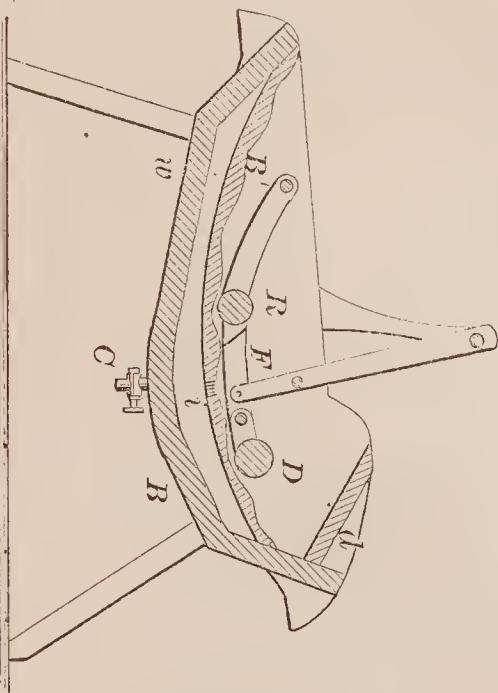
65360—D. L. Falardo—*For Driving Nails.*



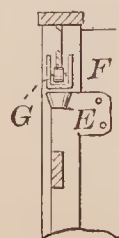
65363—D. H. Fernald—*Sewer and Drain.*



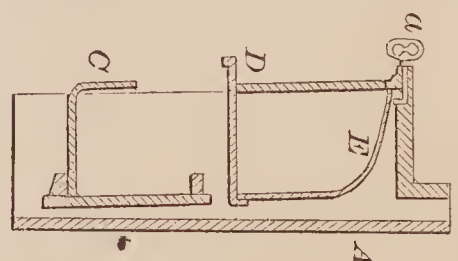
65362—M. S. Fellows—*Washing Machine.*



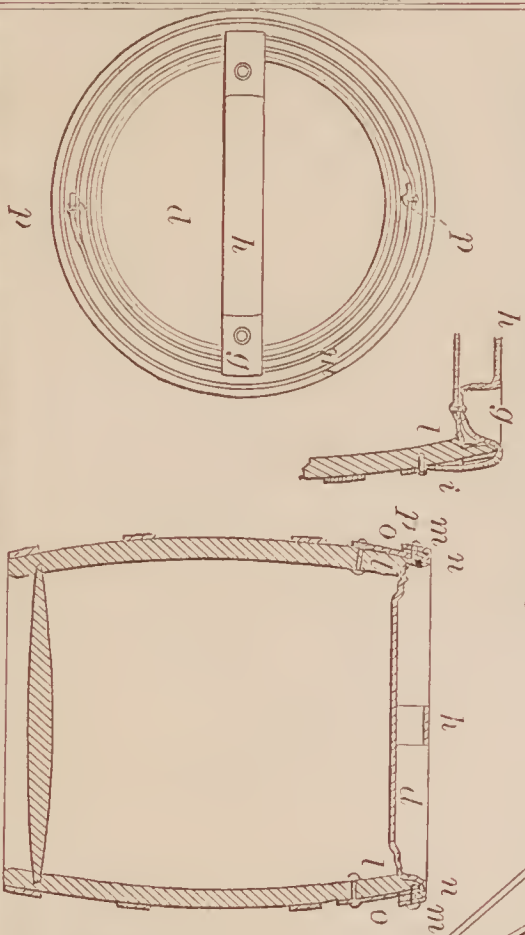
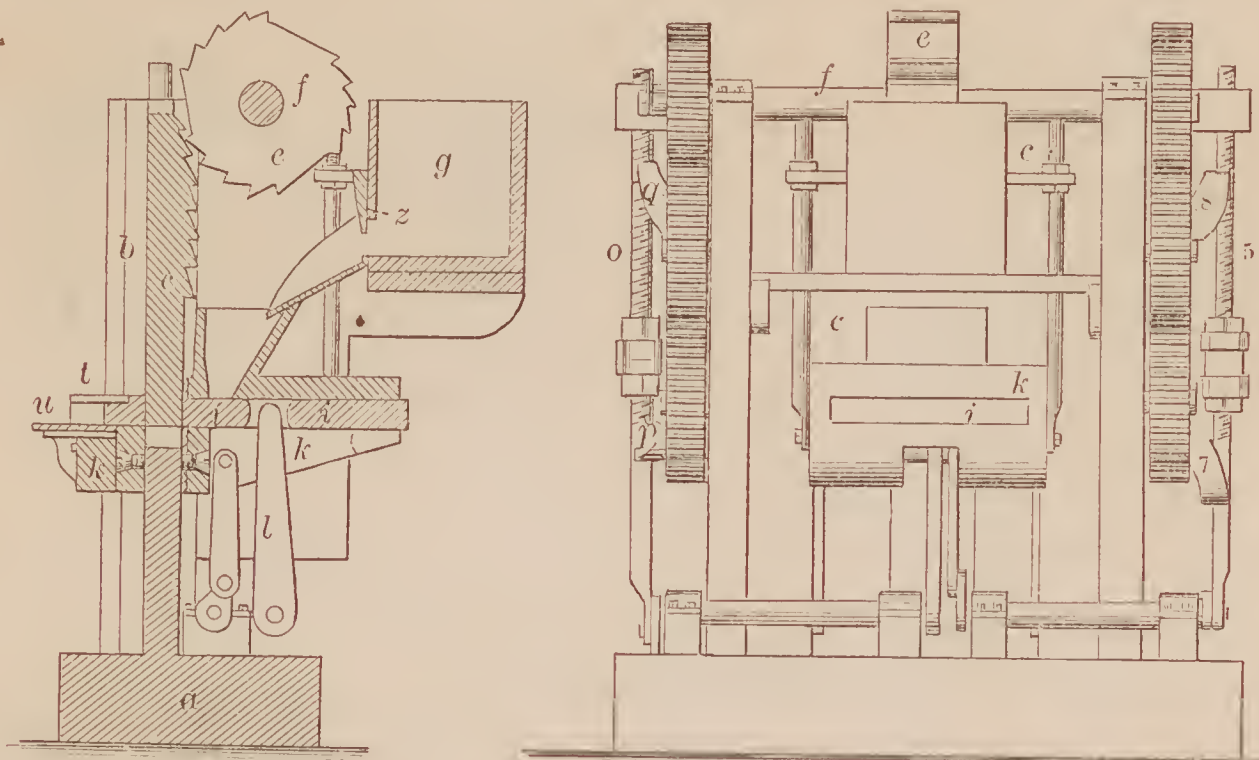
65359—Fairchild & Sadler—*Gate.*



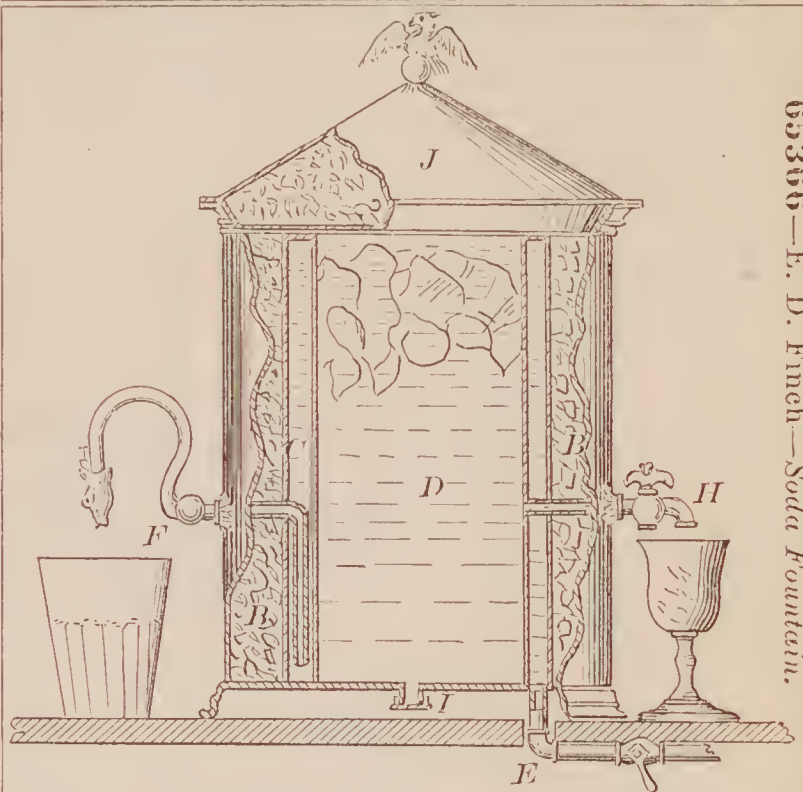
65364—J. U. Fiester—*Fireplace.*



65365—A. L. Finch—*Building Block Machinery.*

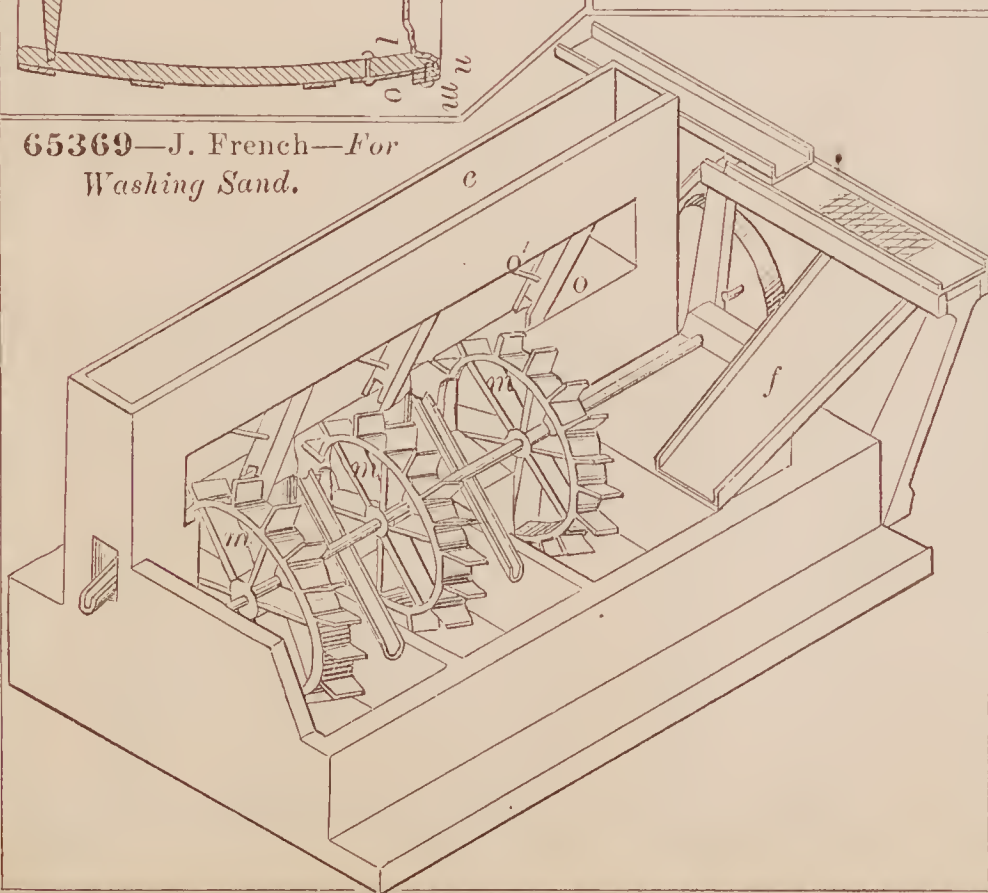


65368—A. L. Freeman—*Paint Key.*

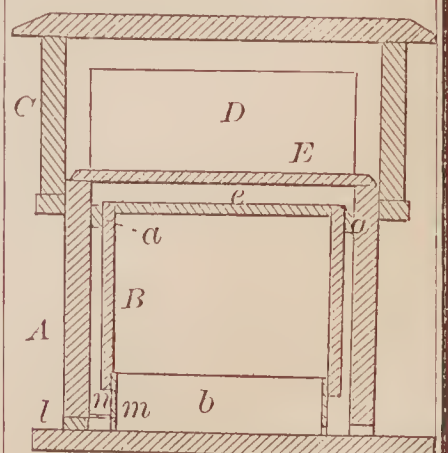


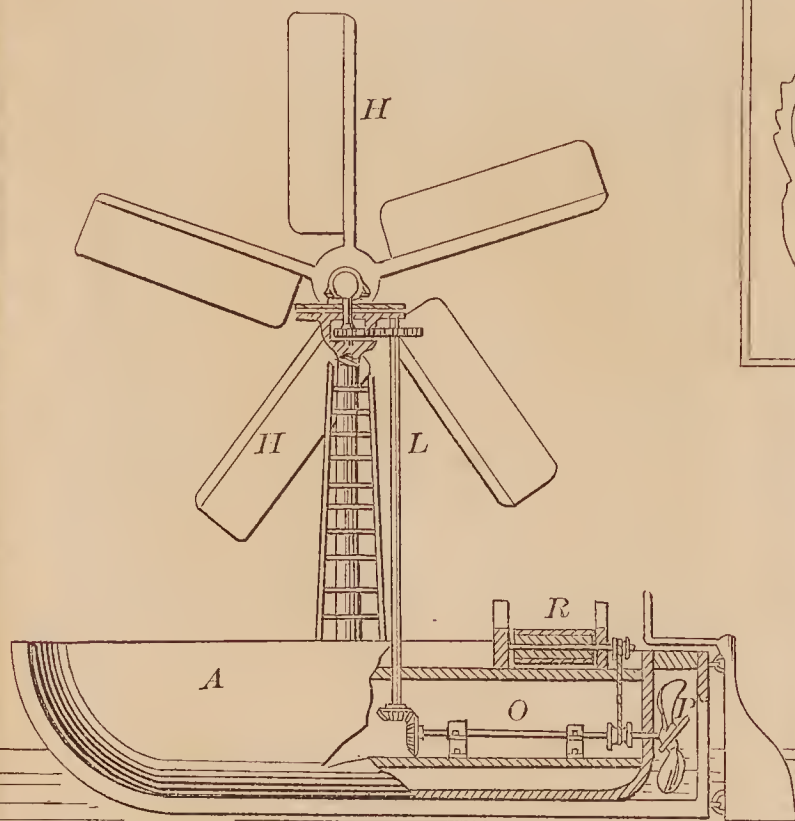
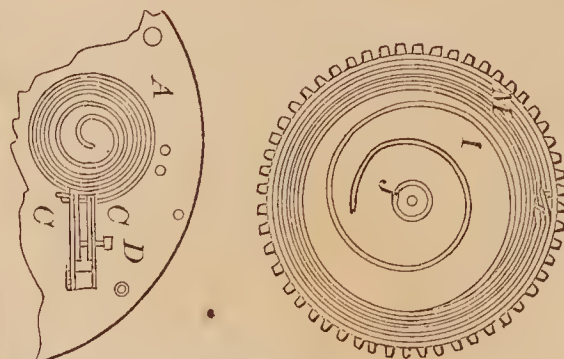
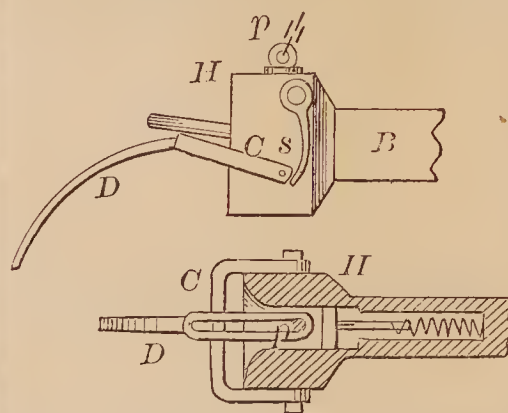
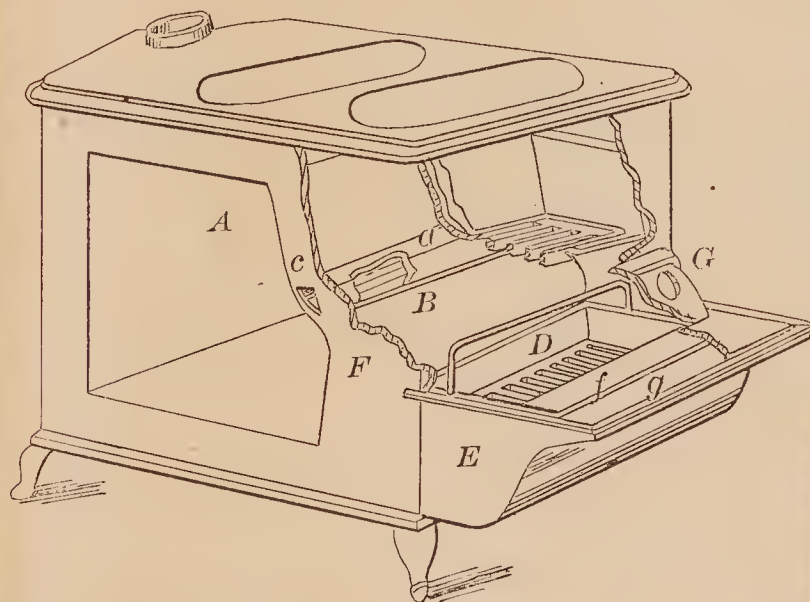
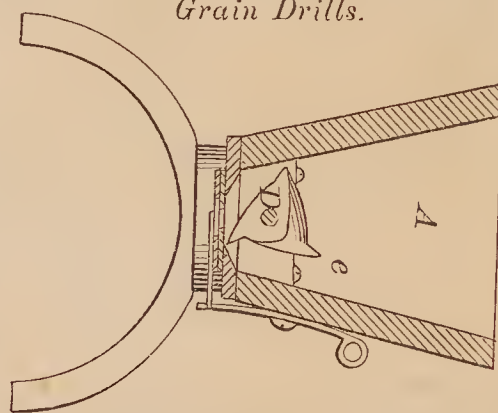
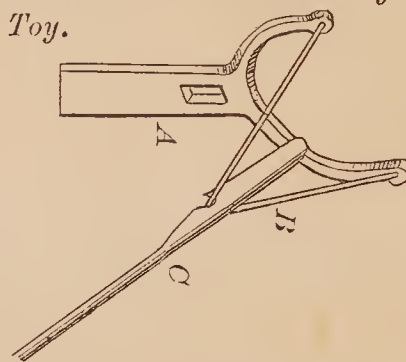
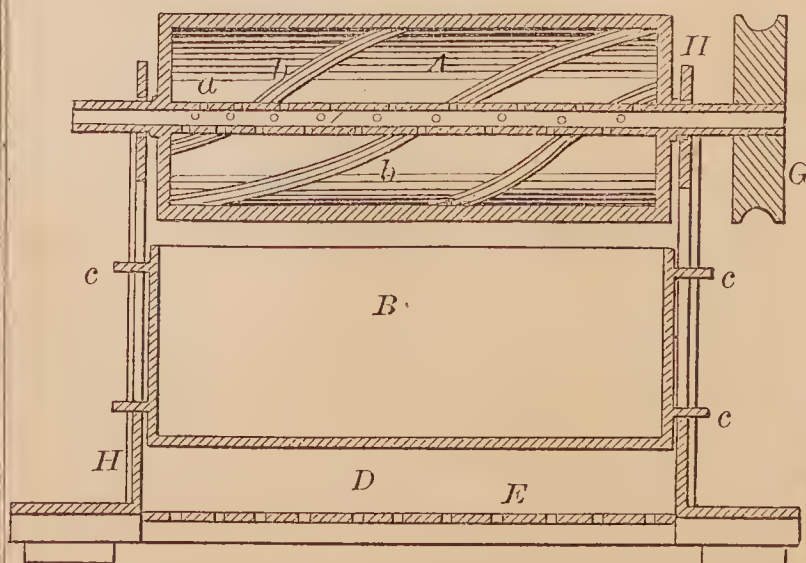
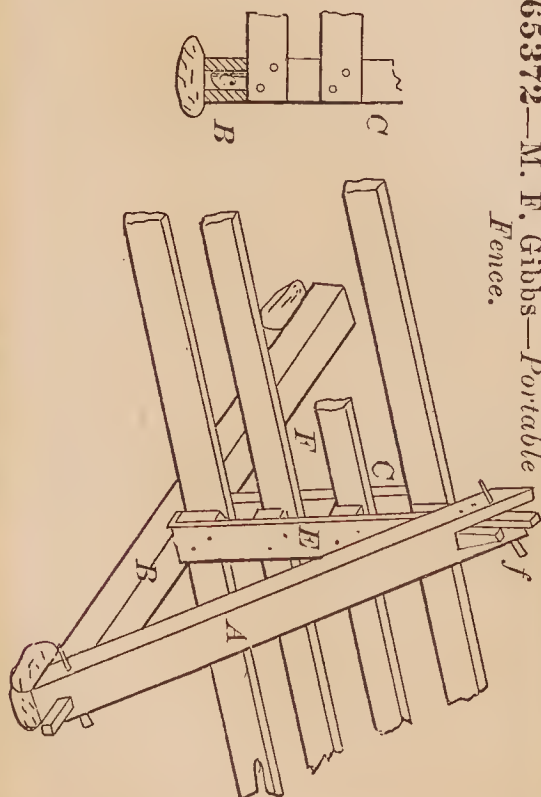
65366—E. D. Finch—*Soda Fountain.*

65369—J. French—*For Washing Sand.*

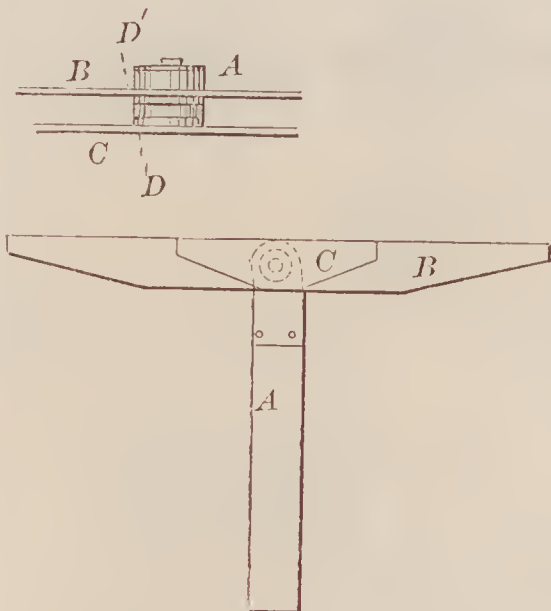


65367—E. A. Floyd—*Beehive.*

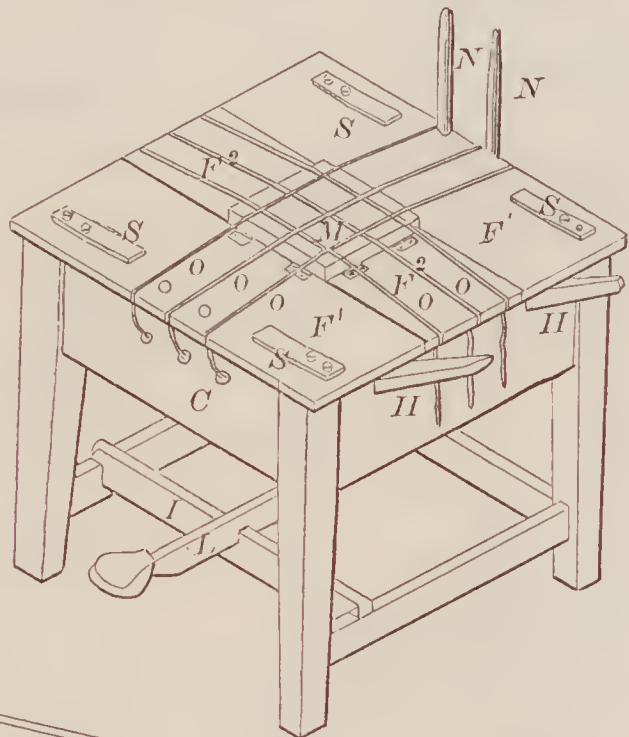


65370—H. Fromm—*Propeller.*65371—H. Ganney—*Watch.*65373—M. F. Gibbs—*Car Coupling.*65375—W. A. Greene—*Cooking Stove.*65374—C. H. Godfrey—*Seed Box for Grain Drills.*65376—H. C. Griffin—*Magic Arrow Toy.*65377—G. Guenther—*Drying Glue.*65372—M. F. Gibbs—*Portable Fence.*

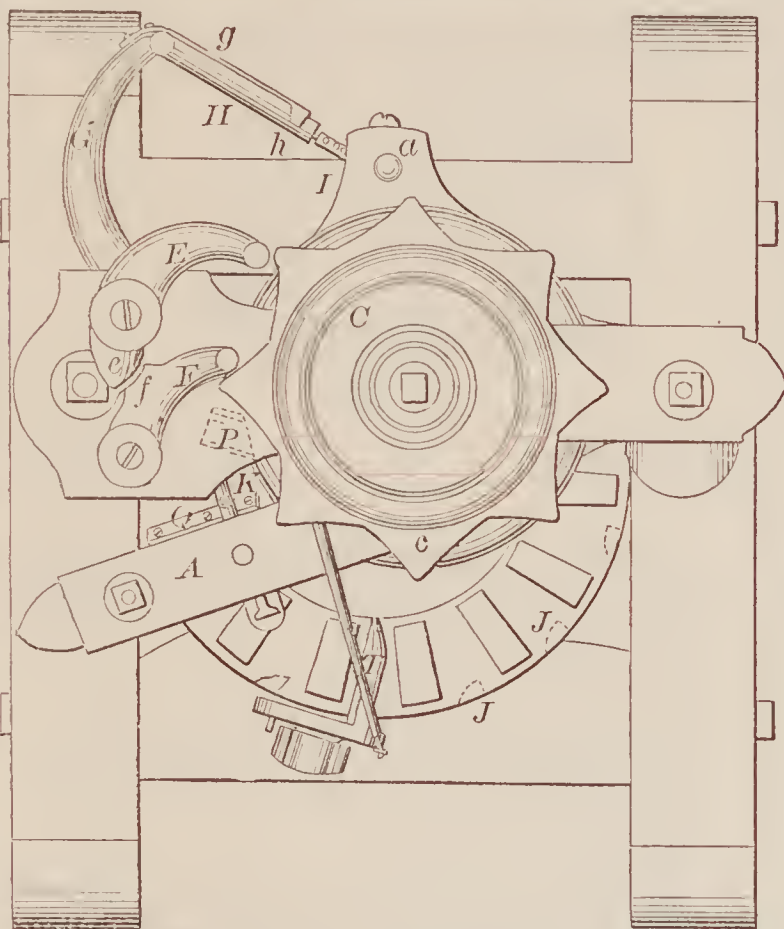
65378—G. Hall—*Clapboard Gauge.*



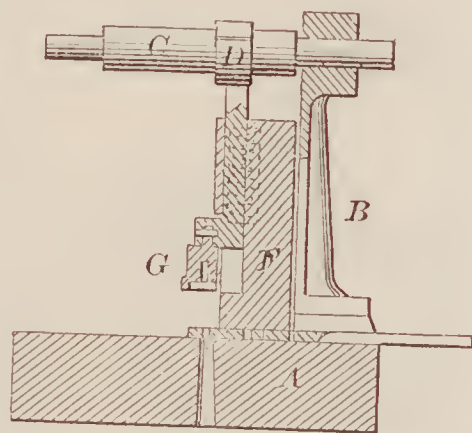
65379—W. S. Harris—*Wool Packing Table.*



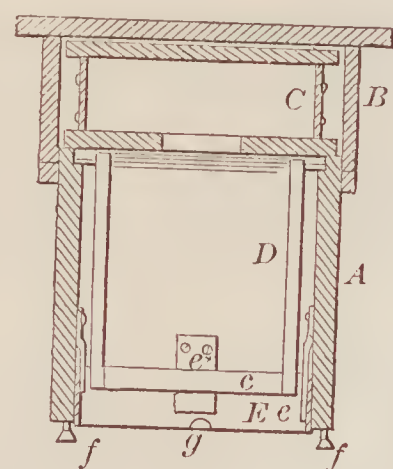
65383—Hotchkiss & Buss—*Brick Machine.*



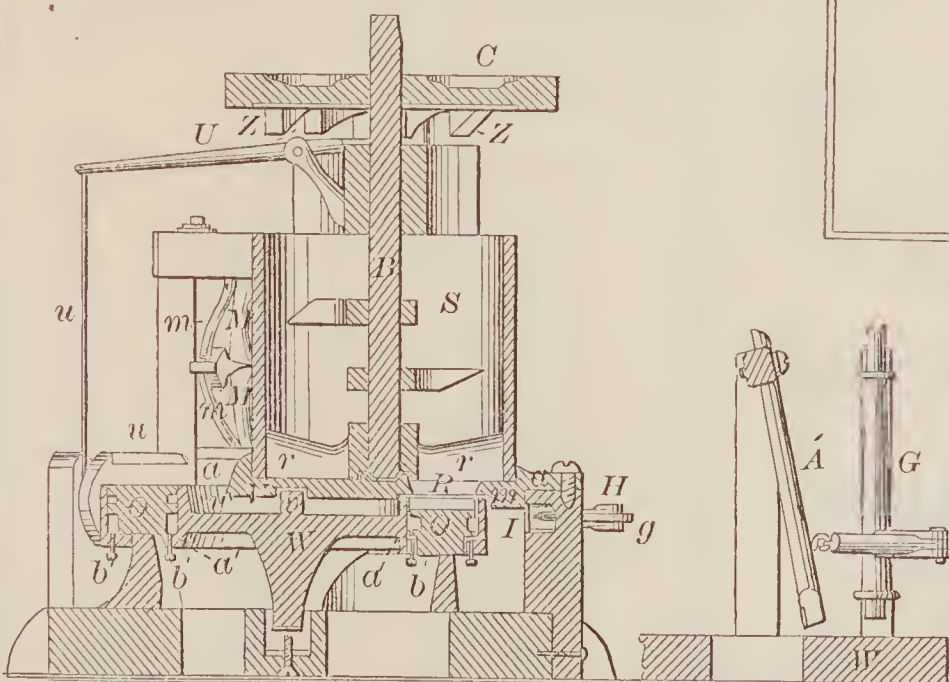
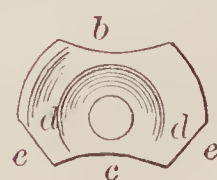
65380—J. Haslam—*Nut Machine.*



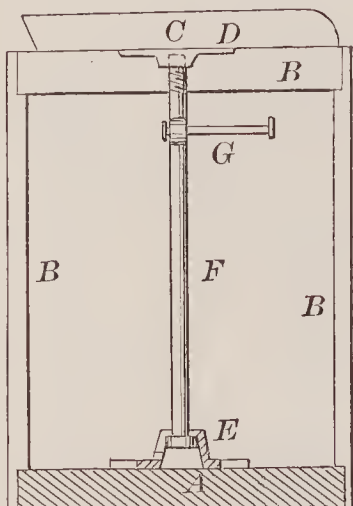
65381—J. Heacock—*Beehive.*



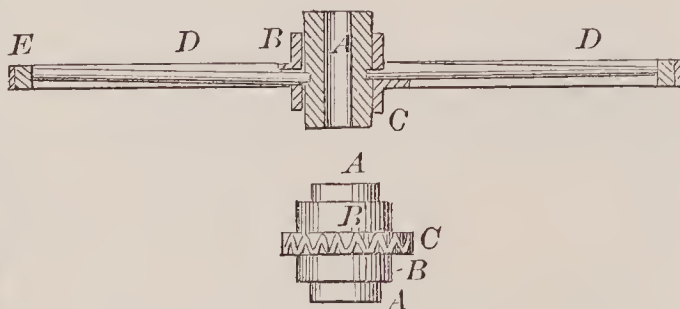
65382—E. F. Hofmann—*Pessary.*



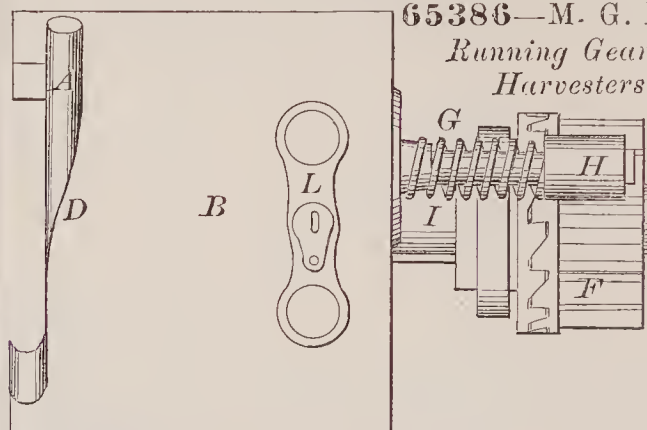
65384—E. Hoxie—*Securing Wagon Seats.*



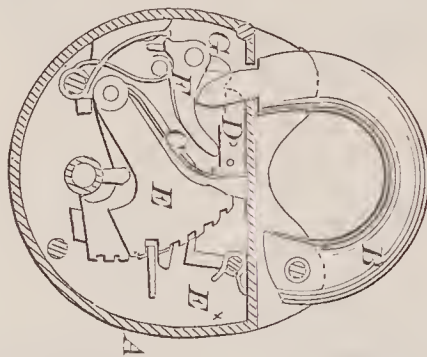
65385—E. Hoxie—*Vehicle Wheel.*



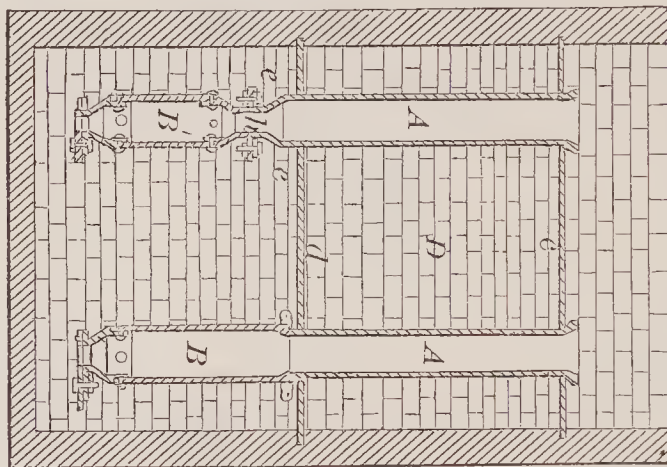
65386—M. G. Hubbard—*Running Gear for Harvesters.*



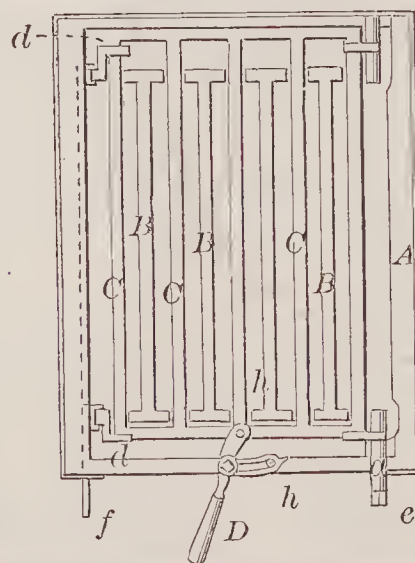
65388—H. Jackson—*Padlock.*



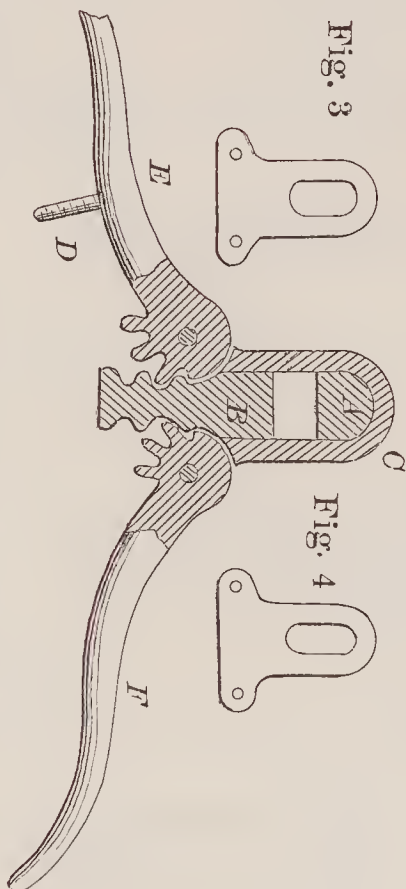
65389—G. A. Jasper—*Retort for Revivifying Bone Charcoal.*



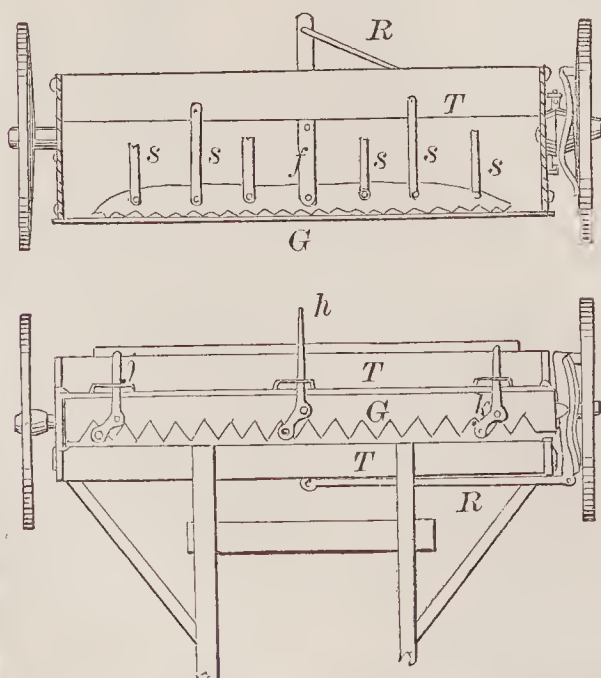
65392—W. Keiser—*Grate.*



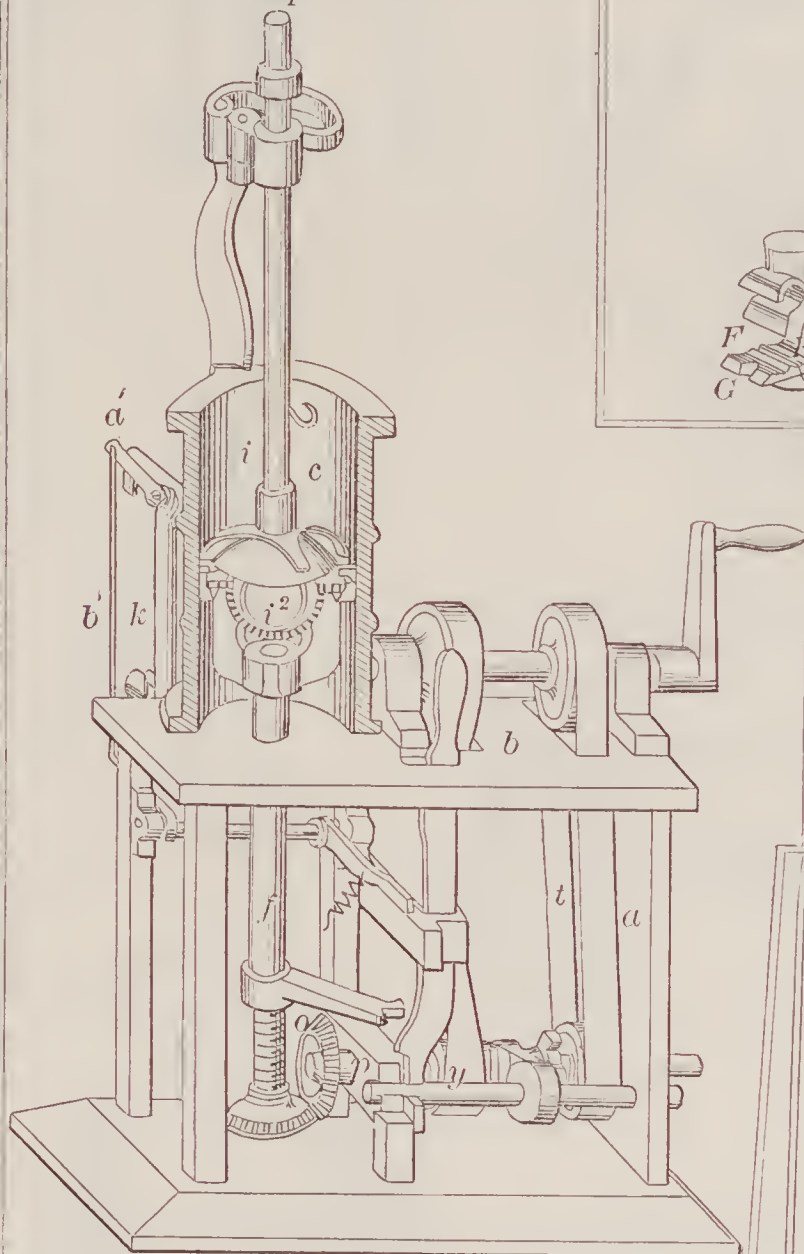
65391—J. Johnson—*Bolt Cutter.*



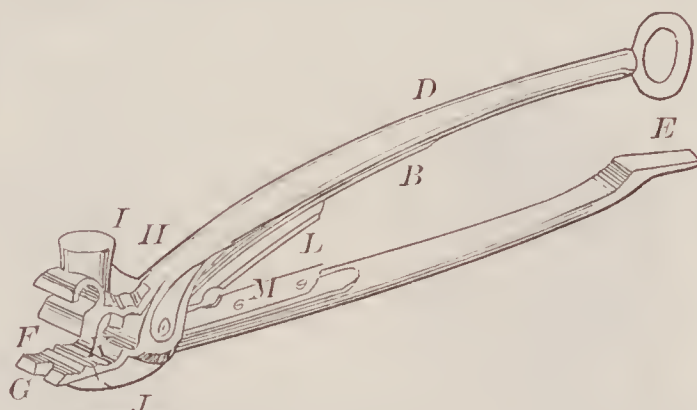
65390—G. Jessup—*Plaster Sower.*



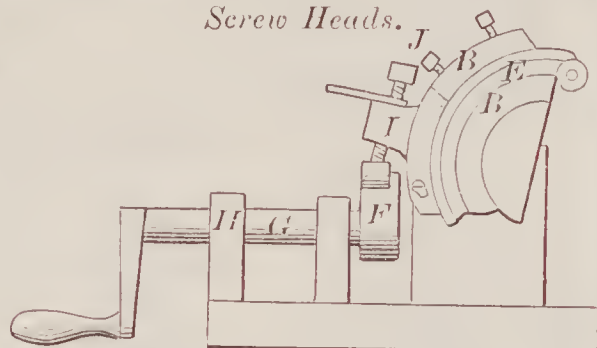
65393—H. Kellogg—*For Making Paper Hats.*



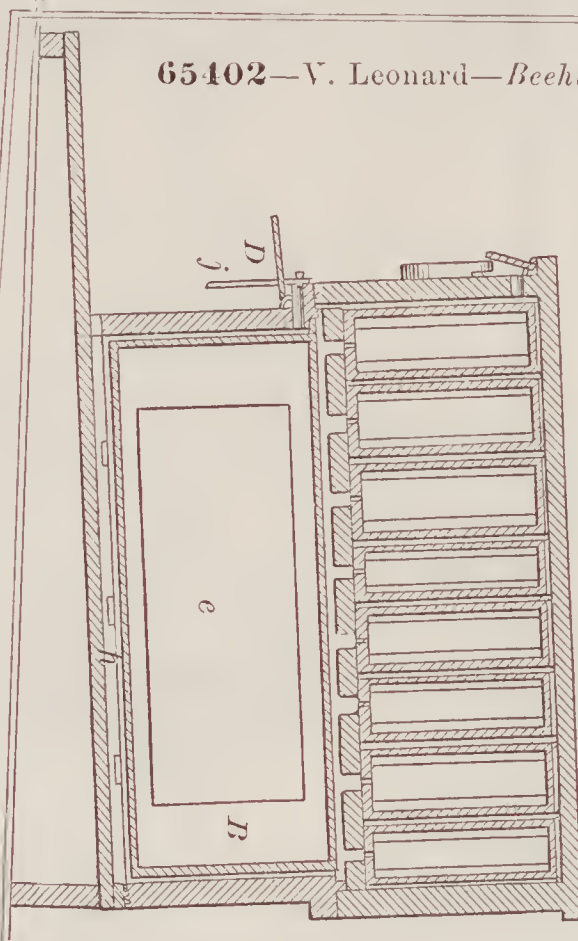
65397—R. M. Lafferty—*Cover Lifter, Hammer, &c.*



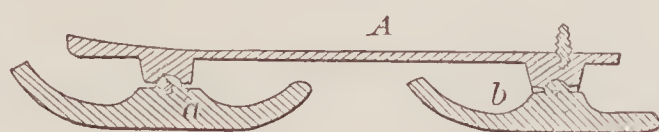
65394—T. Kennedy—*For Turning Screw Heads.*



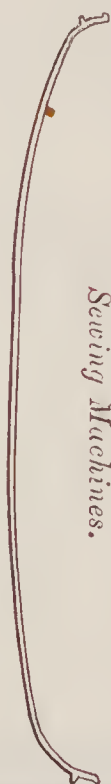
65402—V. Leonard—*Beehive.*



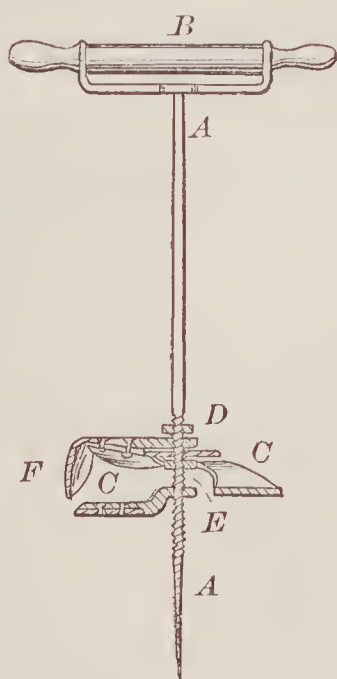
65396—G. V. B. Ladd—*Skate.*



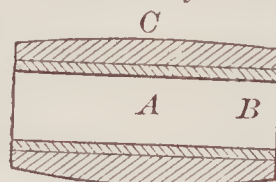
65395—T. E. King—*Spring for Holding Cloth in Sewing Machines.*



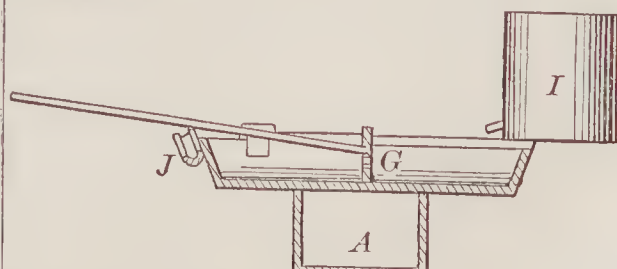
65400—T. Leeson—*Post Hole Auger.*



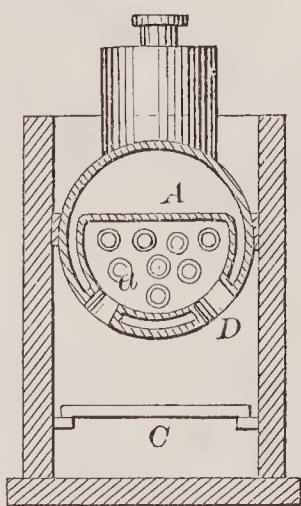
65403—H. W. Libbey—*Carriage Top Prop Rest.*



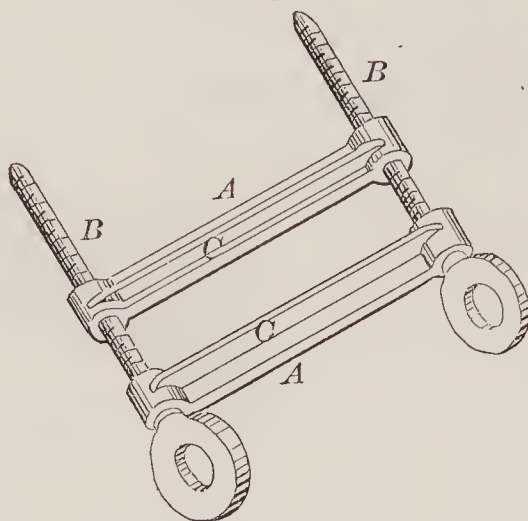
65404—H. Lighty—*Evaporator.*



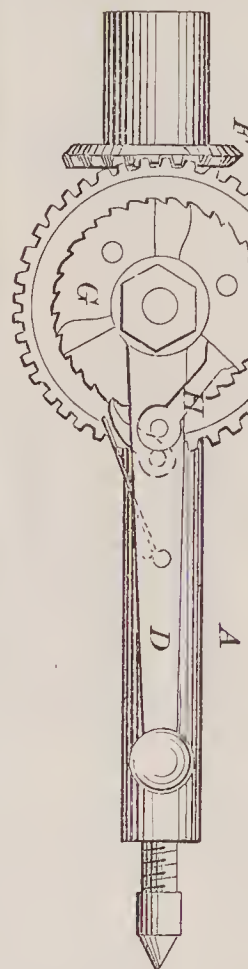
65405—W. Lowe—*Steam Generator.*



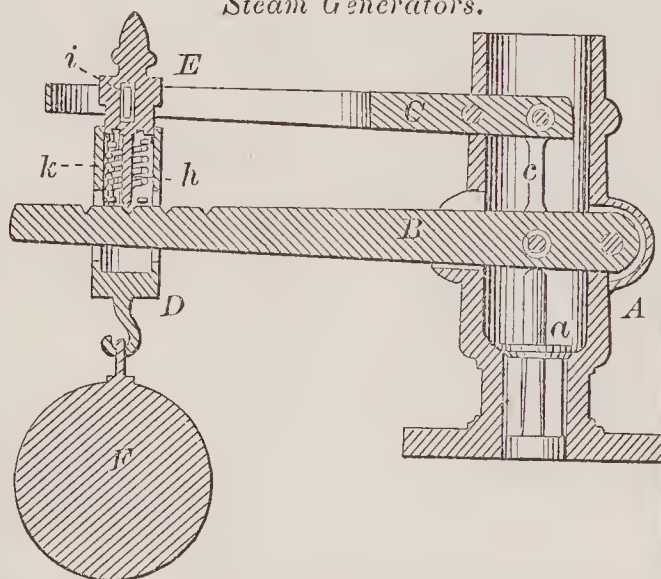
65407—J. Lusk, Jr.—*Tourniquet Clamp.*



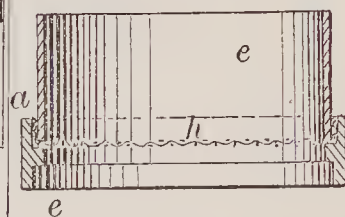
65410—W. Matthews—*Ratchet Drill.*



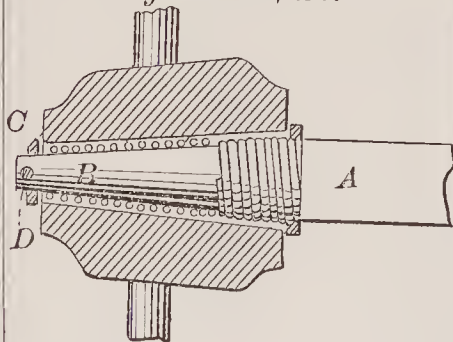
65409—C. Mason—*Safety Valve for Steam Generators.*



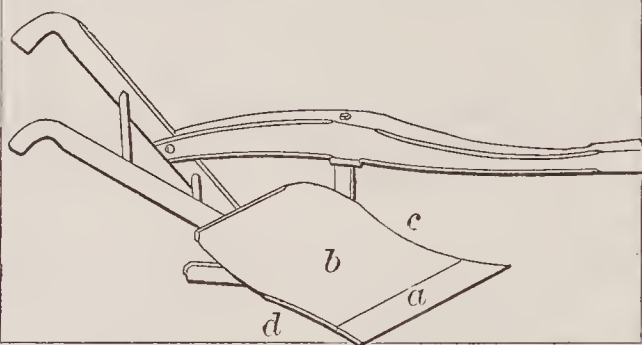
65406—R. C. Ludlow—*Sifter.*



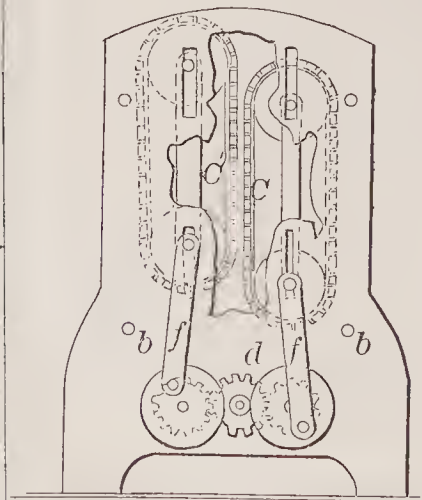
65411—F. McManus—*Wagon Axle, &c.*



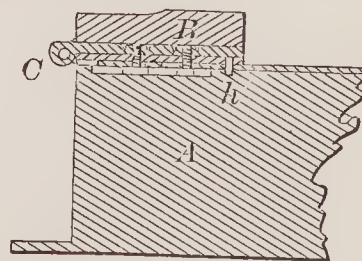
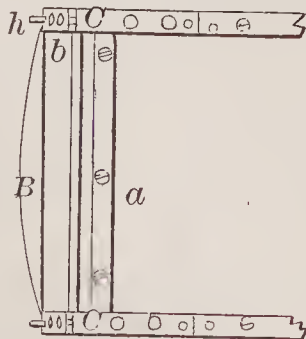
65412—W. D. Mendenhall—*Plowshare.*



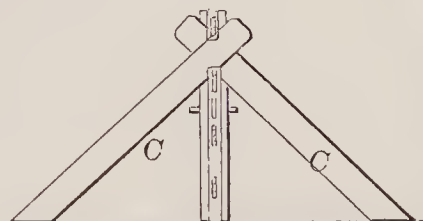
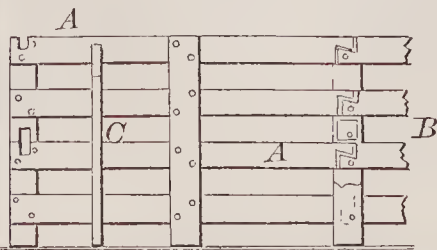
65413—S. S. Middlebrook—*Felting Machine.*



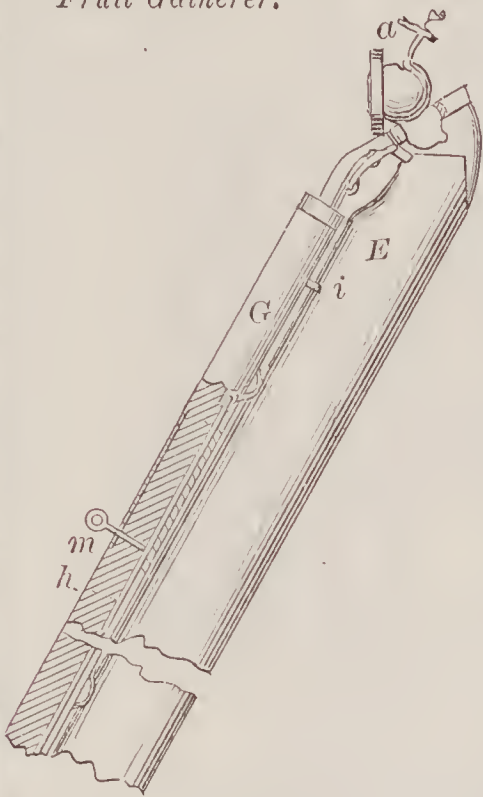
65414—Moore & Blaisdel—*Hanging Wagon Seats.*



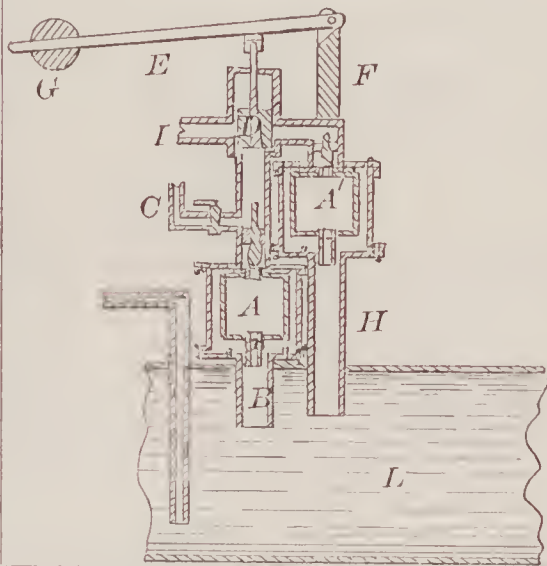
65415—T. Morris—*Fence.*



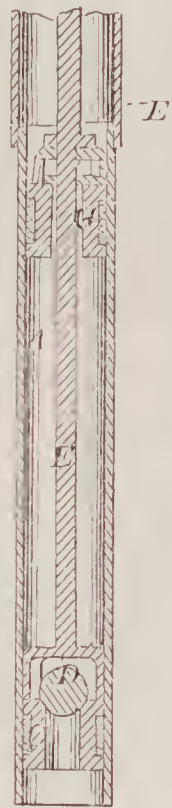
65416—M. A. & D. F. Morton—
Fruit Gatherer.



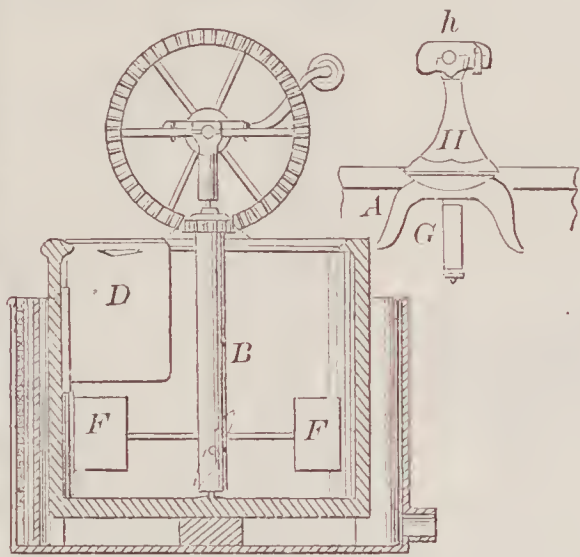
65418—A. F. W. Meynaber—
Boiler Feeder.



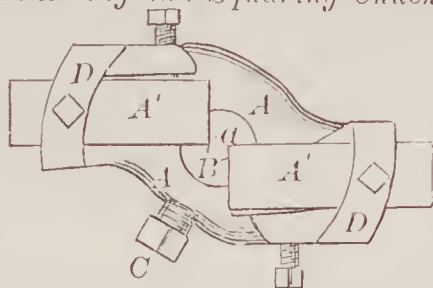
65419—W. H. Noyes—*Pump.*



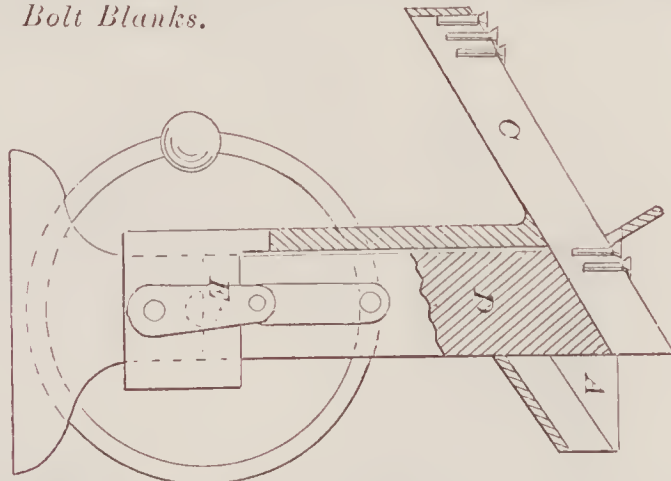
65417—J. Neal—*Churn.*



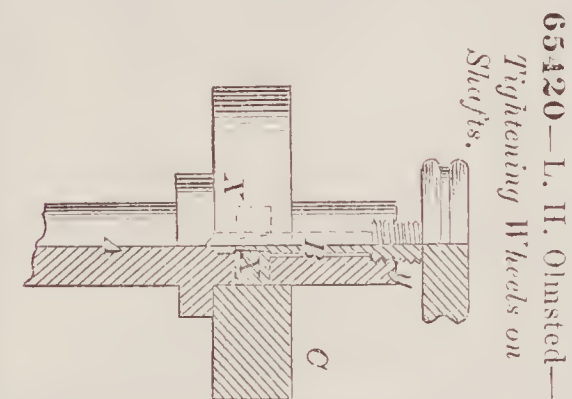
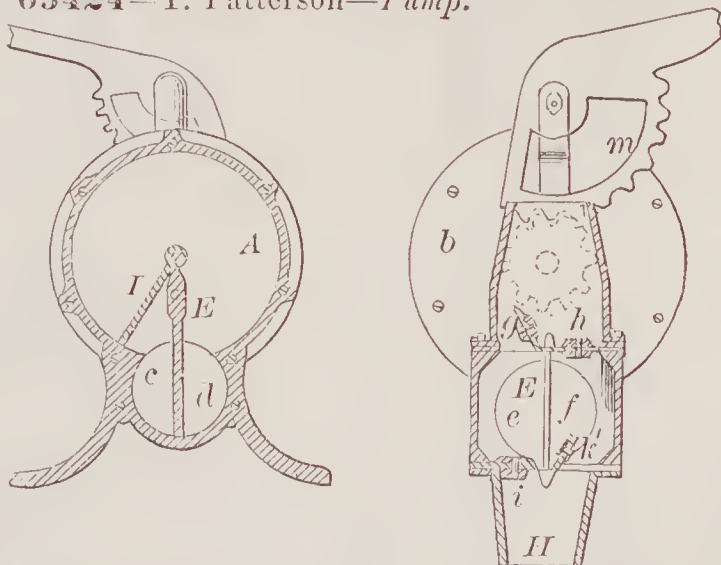
65422—G. R. Parker—
Centering and Squaring Chuck.



65423—W. F. Parker—*Automatic Feeder of Bolt Blanks.*

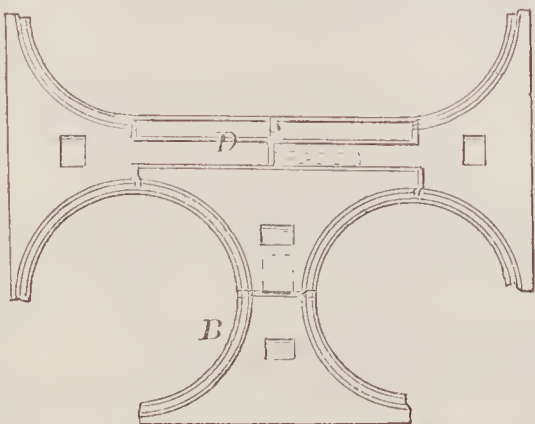


65424—T. Patterson—*Pump.*

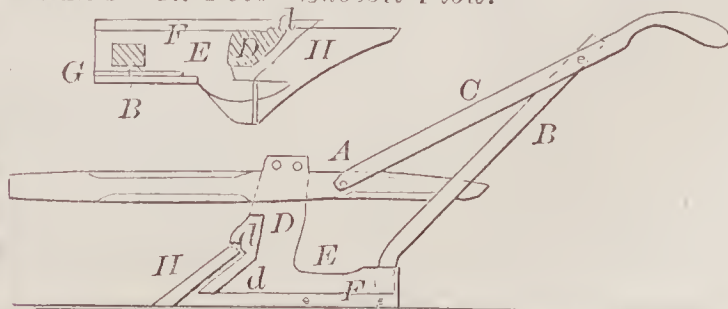


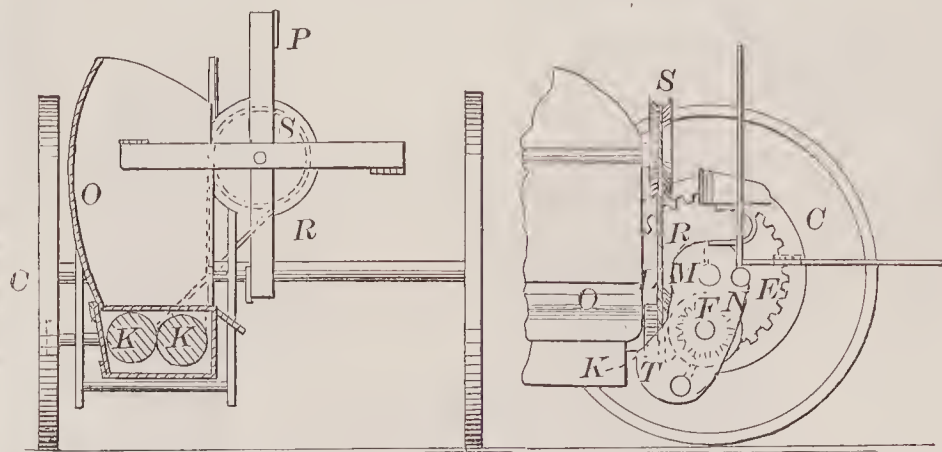
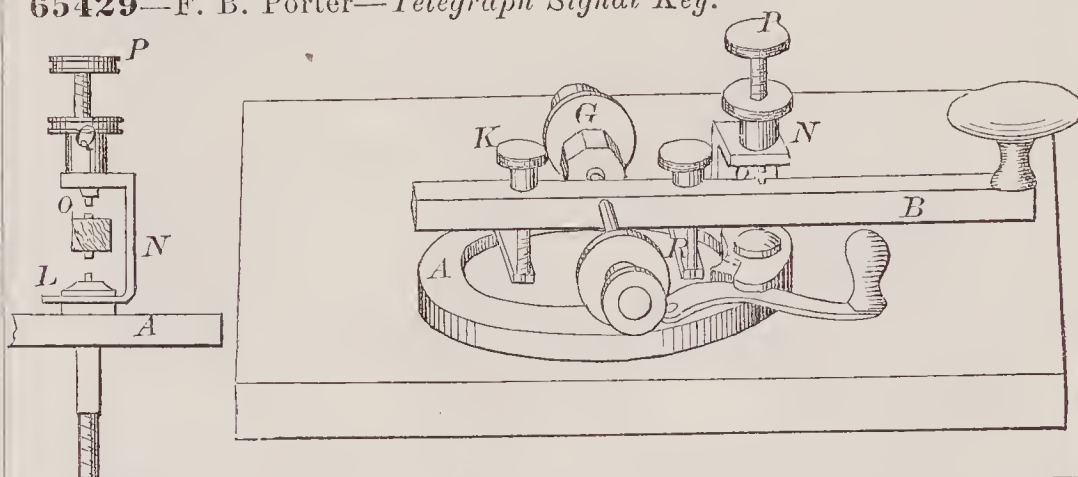
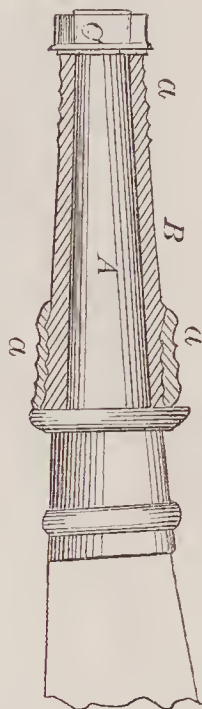
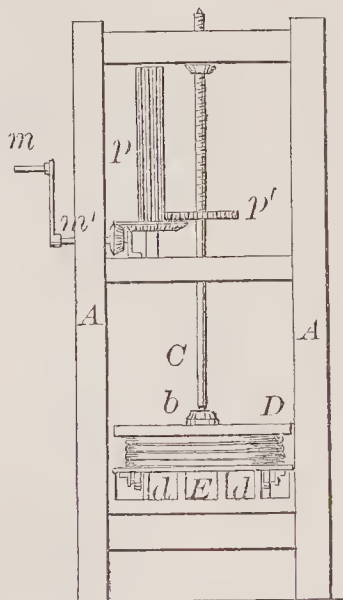
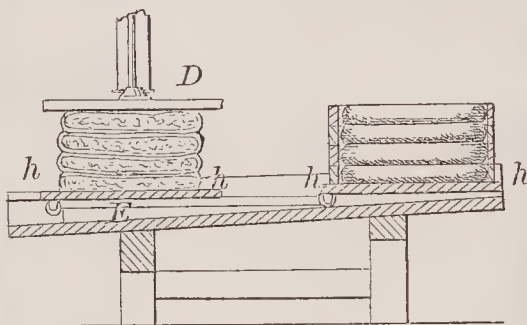
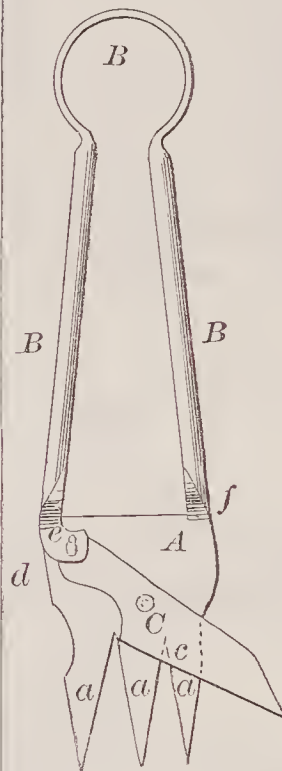
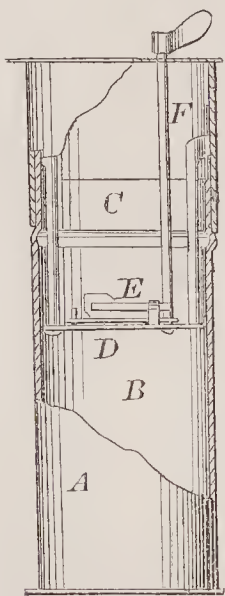
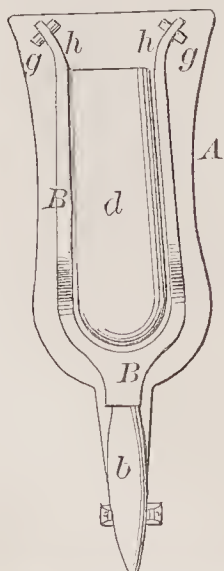
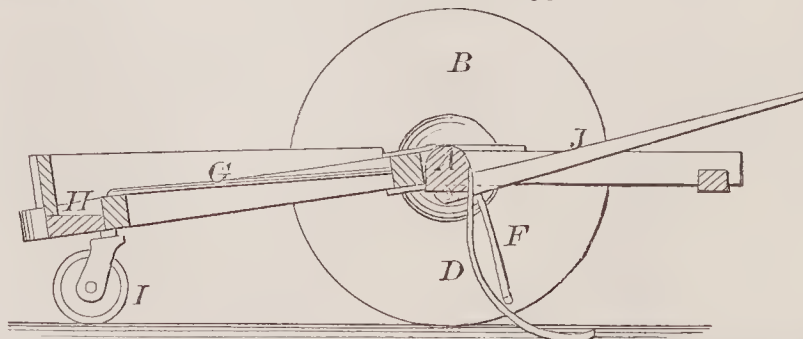
65420—L. H. Olmsted—
Tightening Wheels on Shafts.

65421—Paradis & Reilly—*Centre Plate for Stove Tops.*

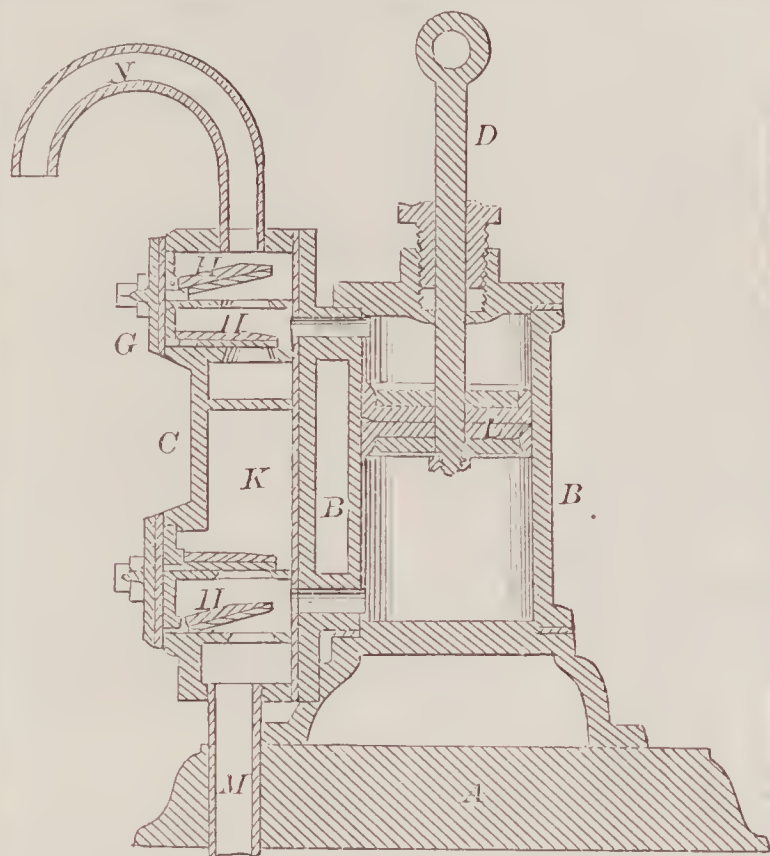


65426—R. Peet—*Subsoil Plow.*

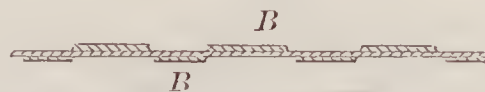


65427—Pitchforth & Benson—*Machine for Destroying Potato Bugs.*65429—F. B. Porter—*Telegraph Signal Key.*65428—W. H. Pollard—*Axle Box.*65431—W. H. Ragan—*Cheese Press.*65432—J. Ralston—*Sheep Shears.*65430—G. W. Putnam—*Drying Box.*65433—W. H. Rannels—*Harness Pad Block.*65434—J. C. Richardson—*Potato Digger.*

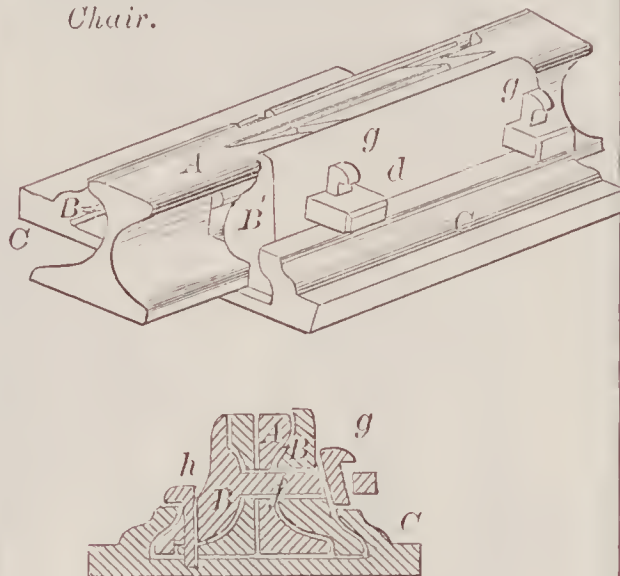
65435—F. Richter—*Pump.*



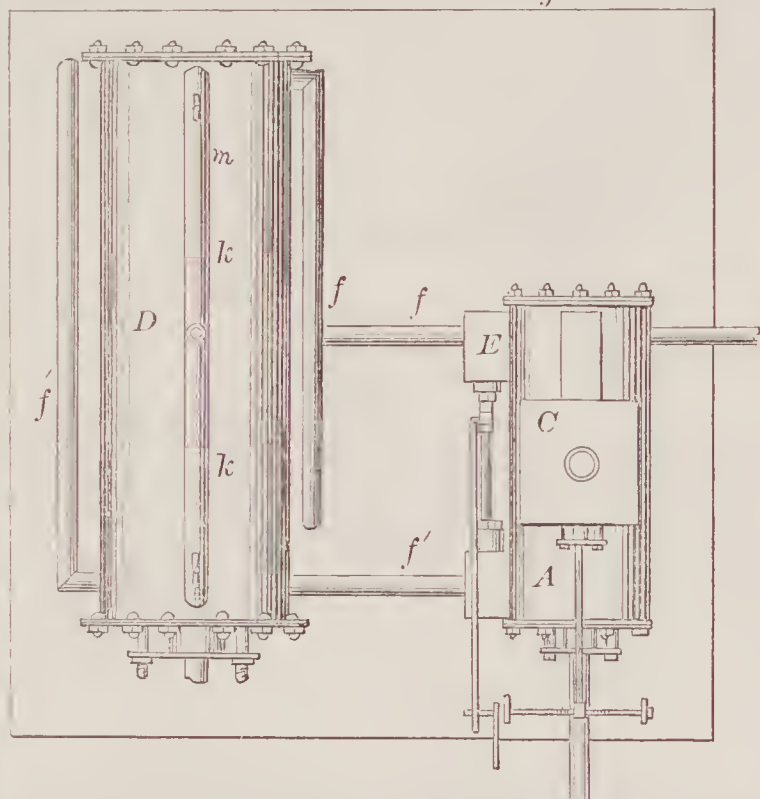
65436—J. L. Rile—*Paper for Letter Files.*



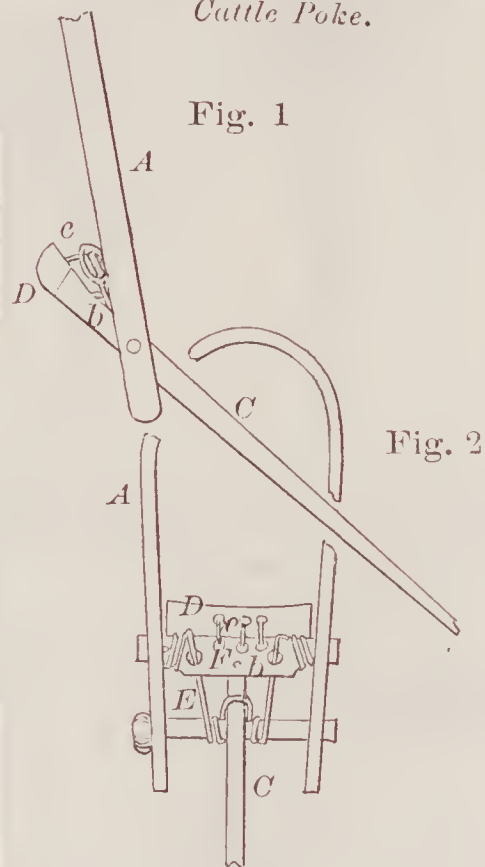
65439—J. W. Shiveley—*Railway Chair.*



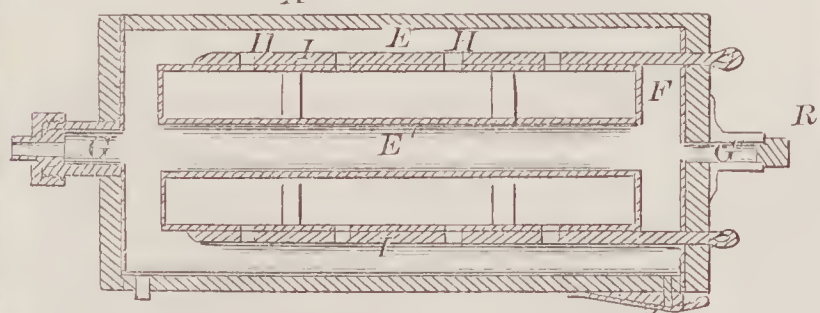
65437—H. F. Roberts—*Steam Engine.*



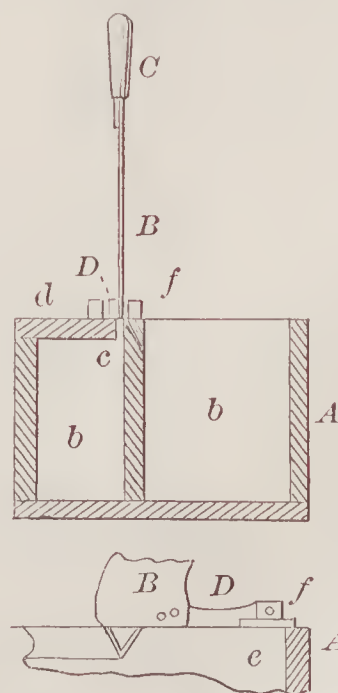
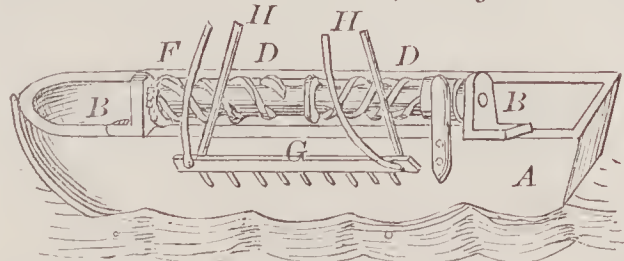
65440—N. Silvester—*Horse and Cattle Poke.*



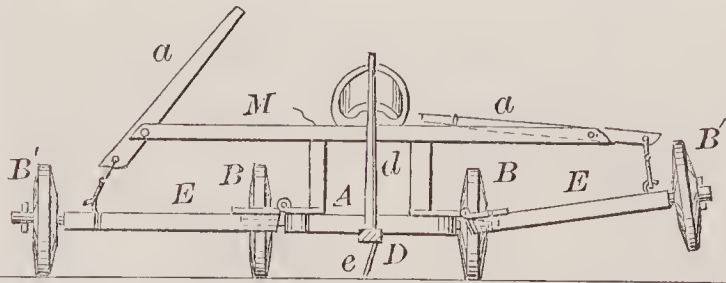
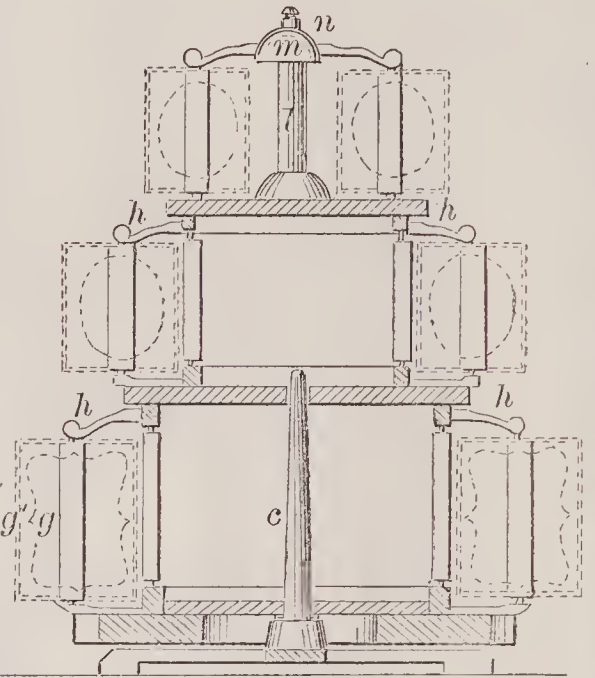
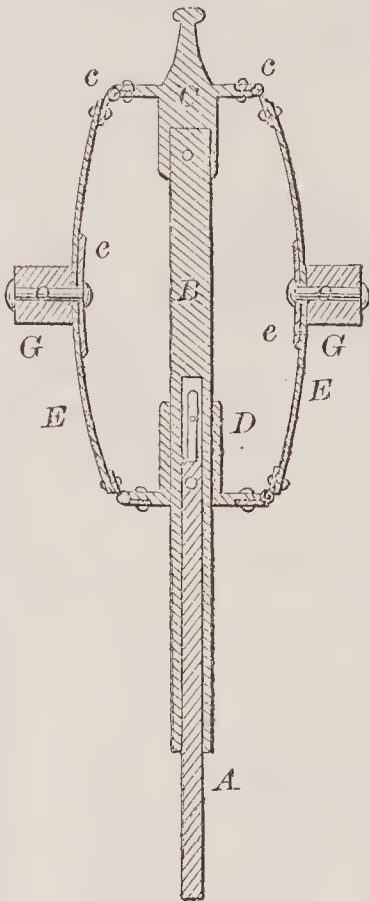
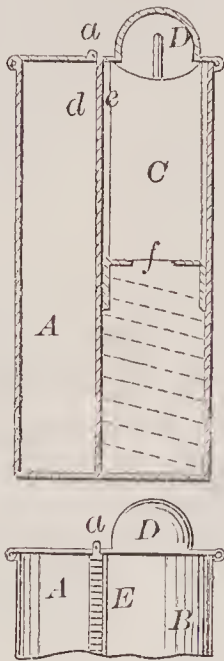
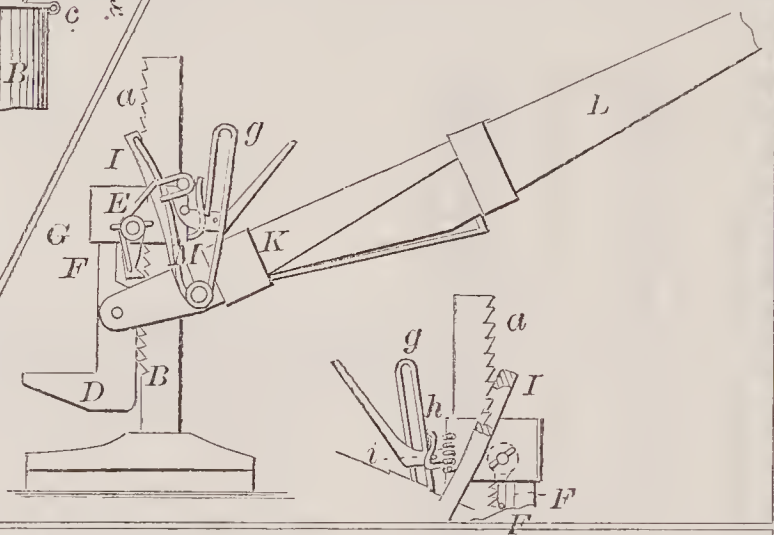
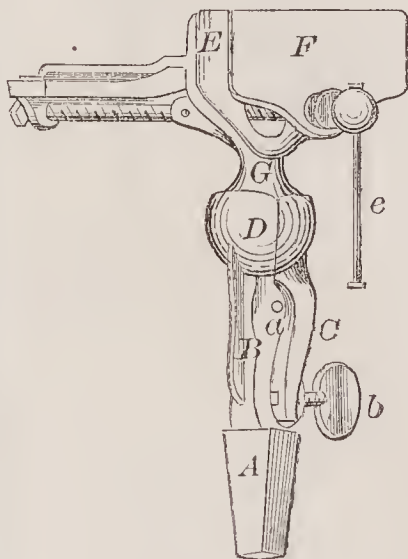
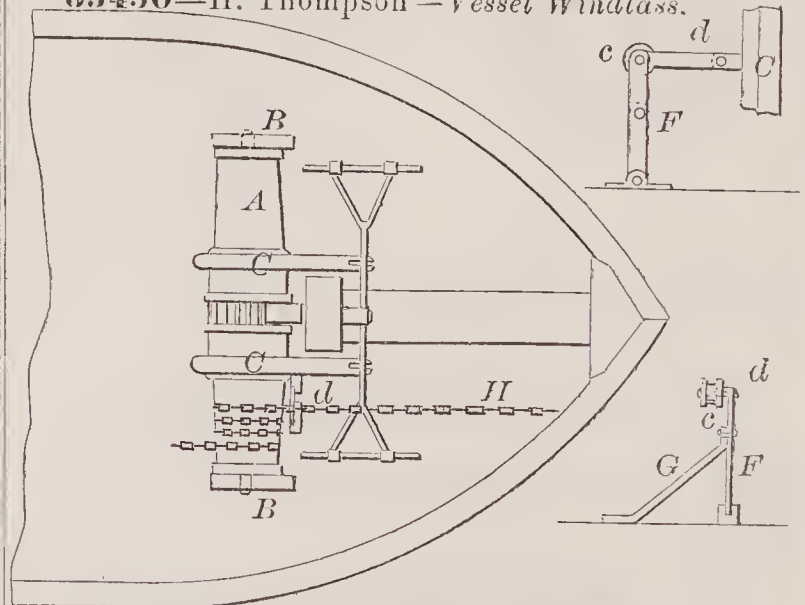
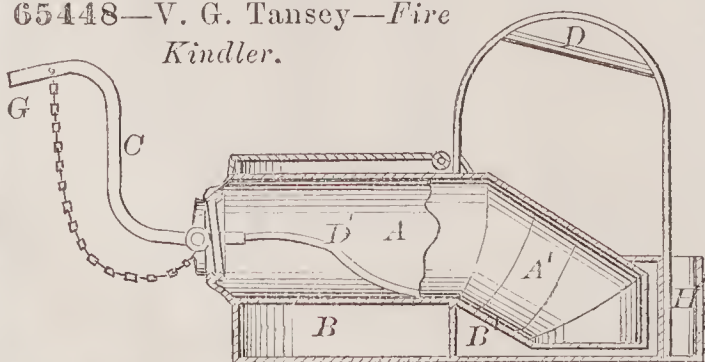
65438—J. H. Sardam—*Feather Cleaning Machine.*



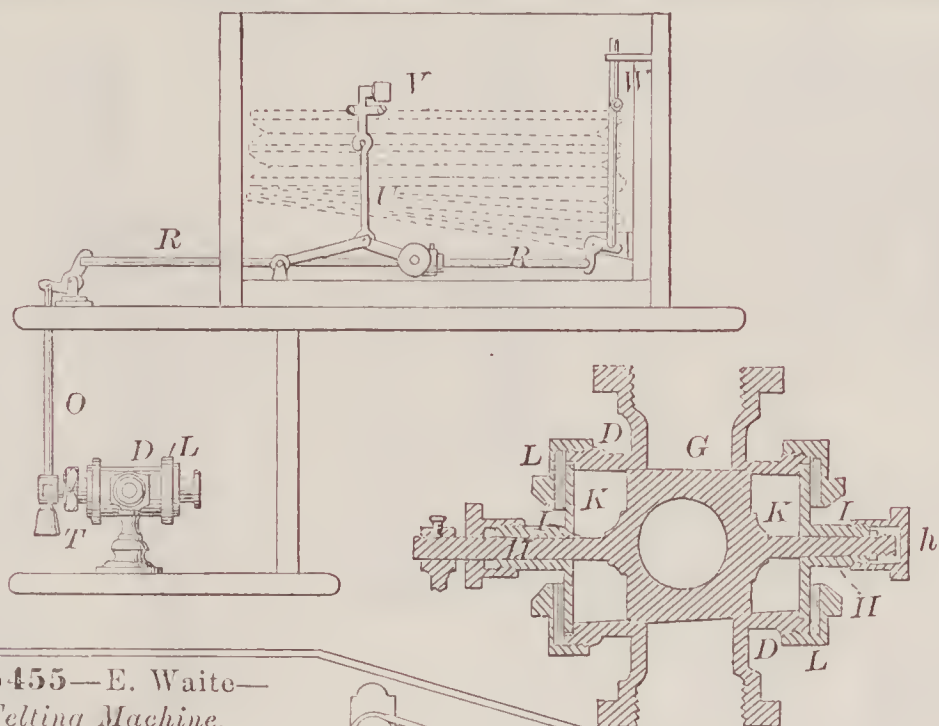
65442—T. P. Sink—*Roller for Oyster Dredges.*



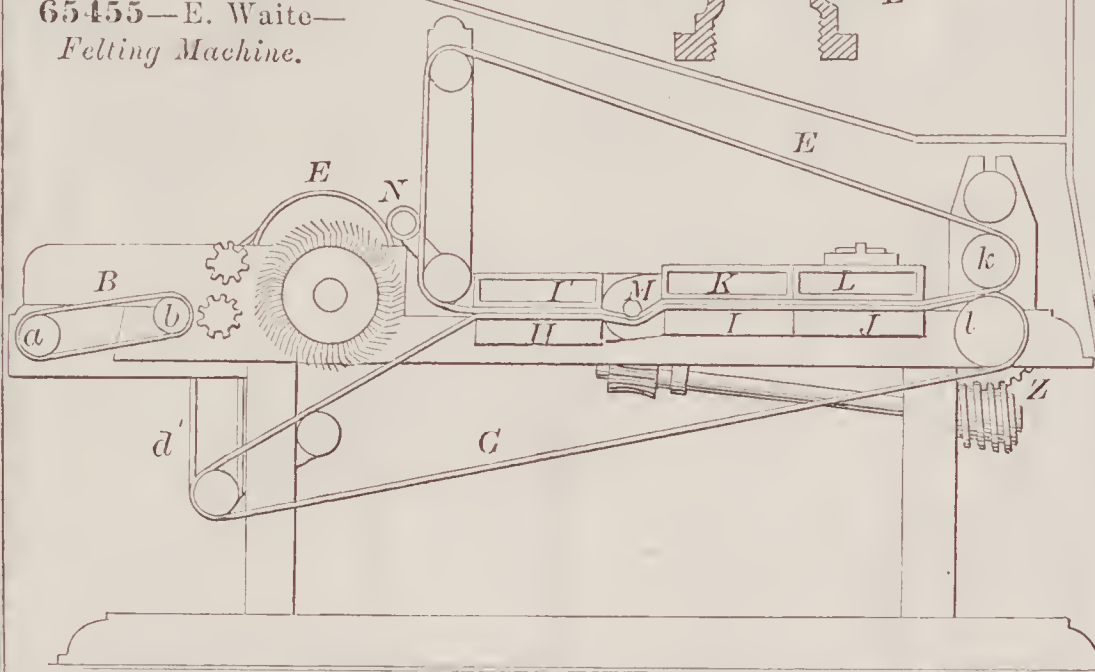
65441—S. D. Simmons—*Bread Cutter.*

65443—G. Sprague—*For Marking Corn Ground,*65446—E. B. Sturdevant—*Revolving Stand for Pictures.*65444—R. Stewart—*Engine Governor.*65445—C. R. Stickney—*Match Box and Candlestick.*65447—S. Taber—*Lifting Jack.*65449—I. C. Tate—*Vise for Holding Wood.*65450—H. Thompson—*Vessel Windlass.*65448—V. G. Tansey—*Fire Kindler.*65451—T. R. Timby—*Ventilating Door.*

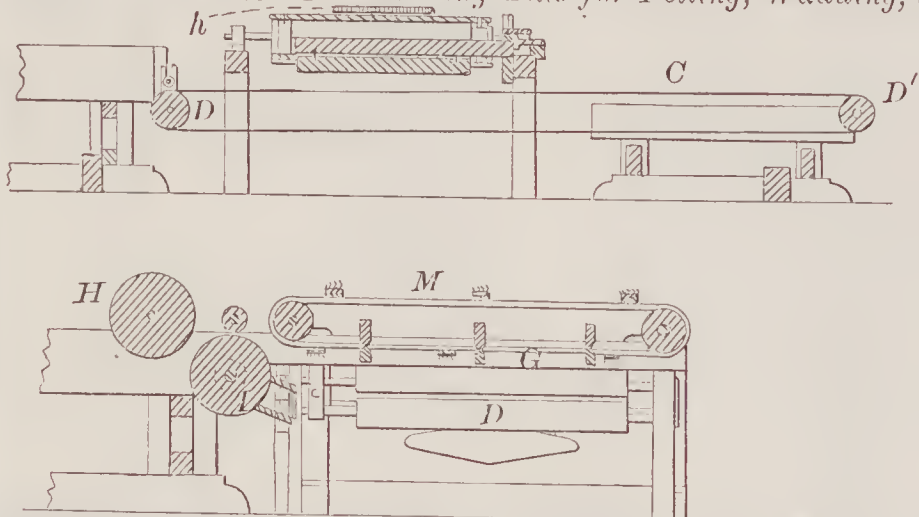
65452—W. H. Topham—Motor Regulator and Register Attachment.



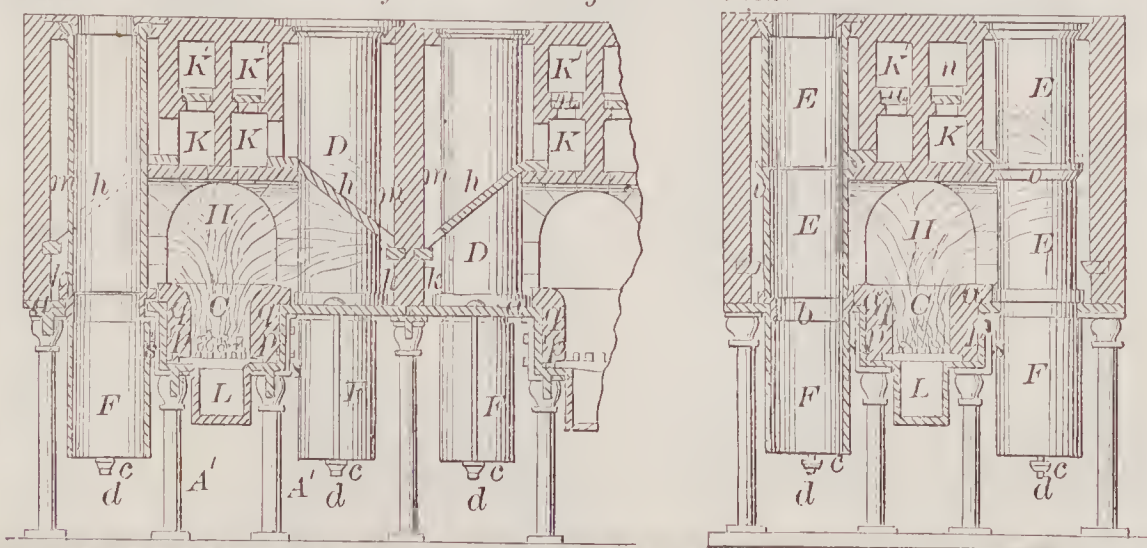
65455—E. Waite—Felting Machine.



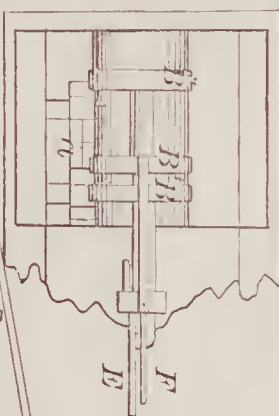
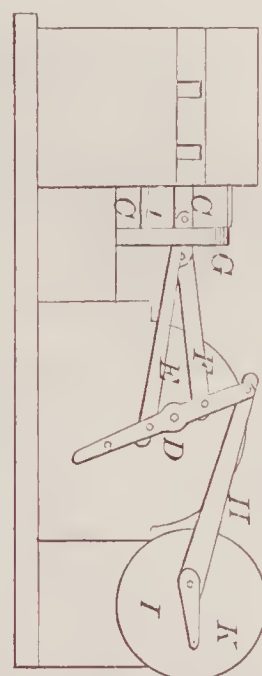
65456—E. Waite—For Forming Bats for Felting, Wadding, &c.



65457—A. Weber—Kiln for Re-burning Bone Black.



65453—J. F. Foxel—Steam Engine.

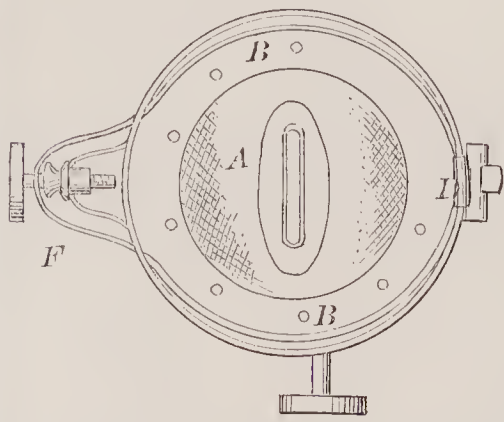
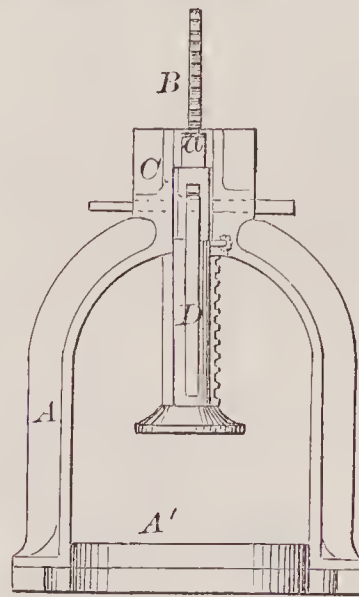
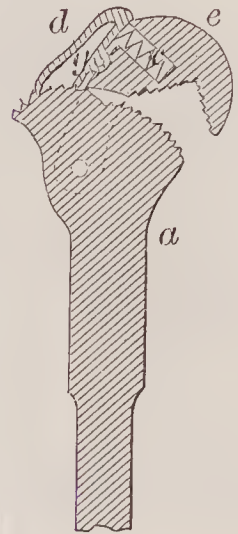
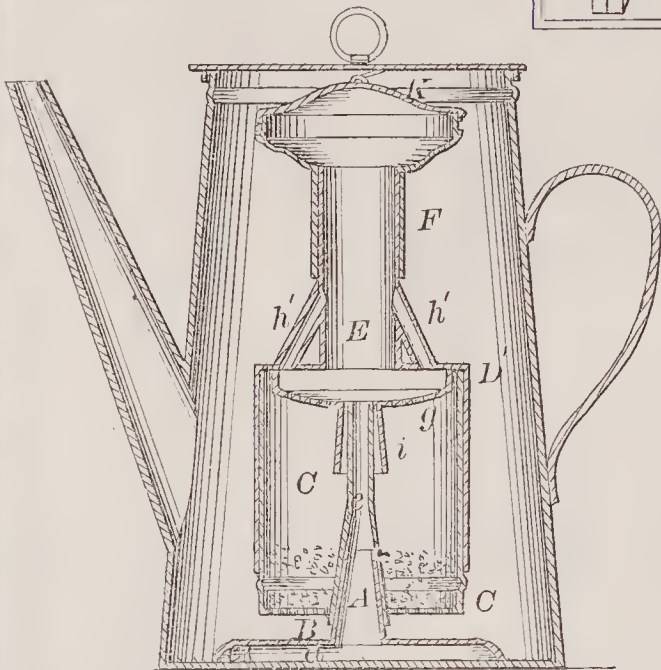
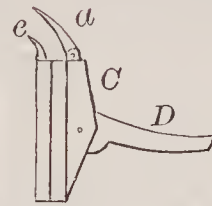
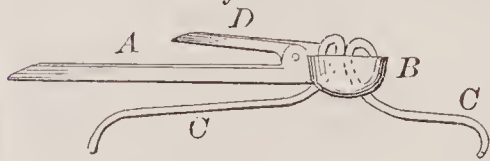
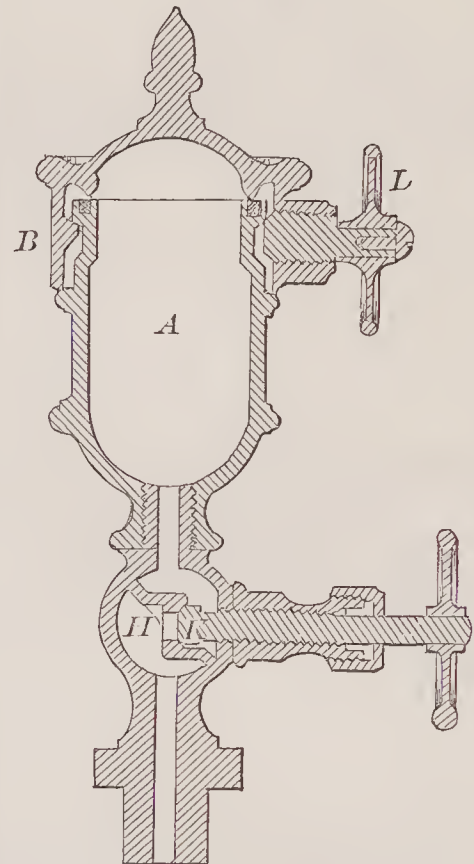
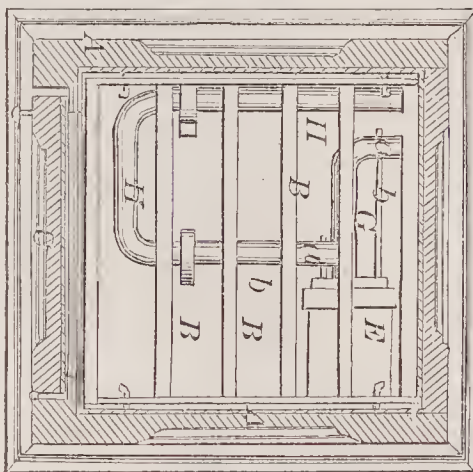
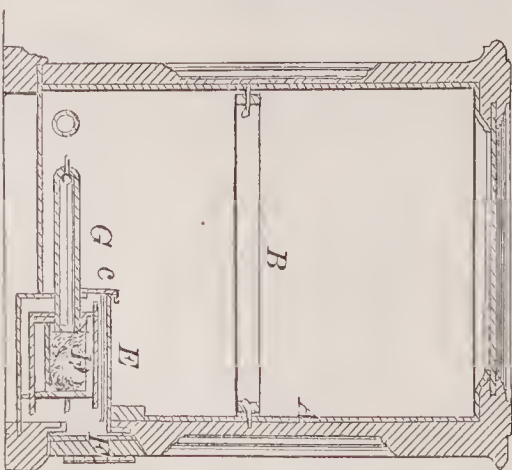
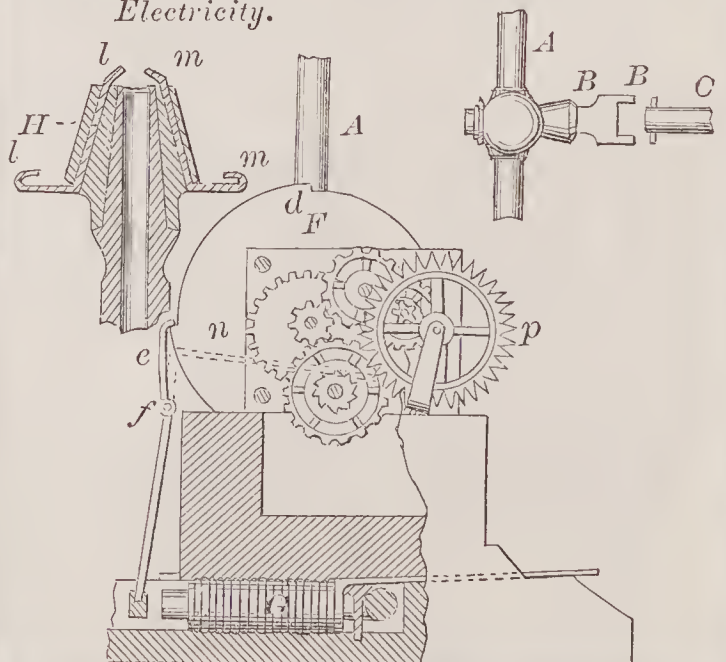


65458—W. Weis—Manufacture of Vinegar.

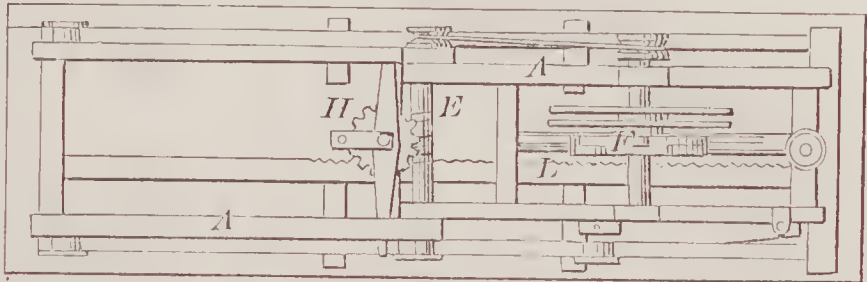


65454—S. Vanstone—Making Car Wheels.

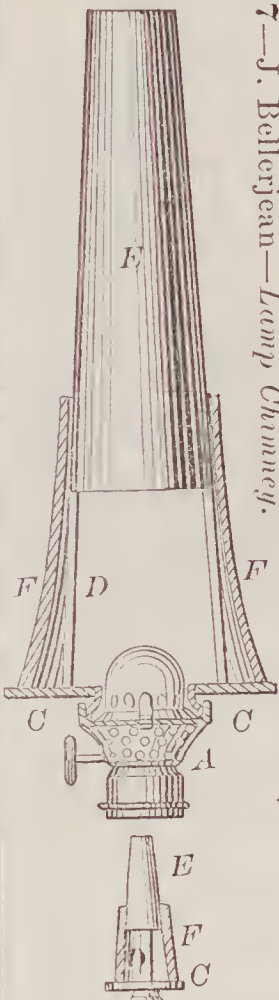


65459—A. Whitlock—*Lamp Burner.*65464—H. B. Barber—*Press.*65465—J. B. Barnes—*Pipe and Stud Wrench.*65460—J. B. Willett—*Plate Lifter.*65461—E. F. Woodward—*Coffee Pot.*65463—J. Ashcroft—*Steam Engine Lubricator.*65462—C. F. Worch—*For Destroying Moths.*65466—Bean & Mumler—*Lighting Gas by Electricity.*

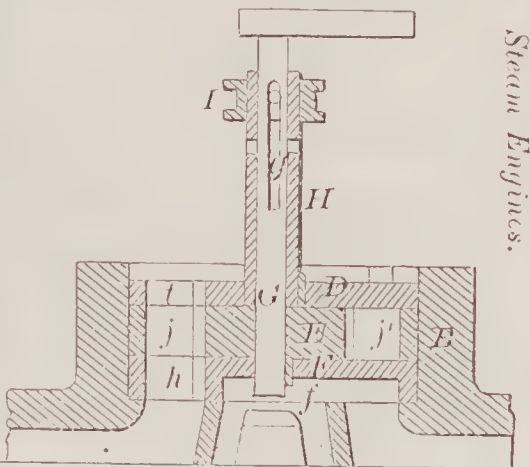
65469—V. W. Blanchard—*Stone Channeling Machine.*



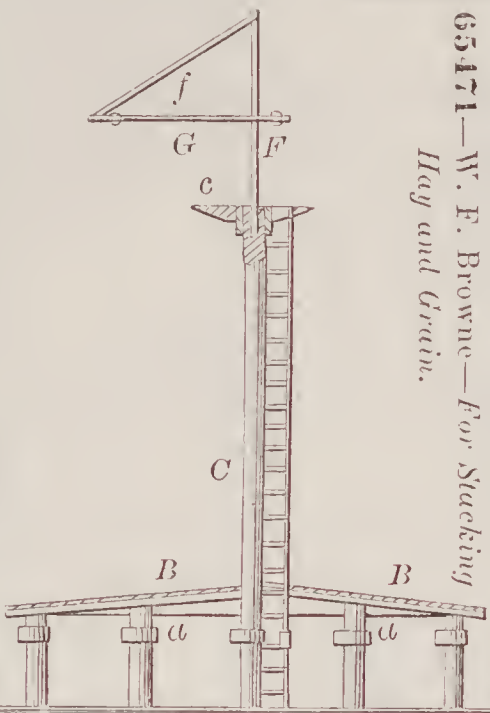
65467—J. Bellerjean—*Lamp Chimney.*



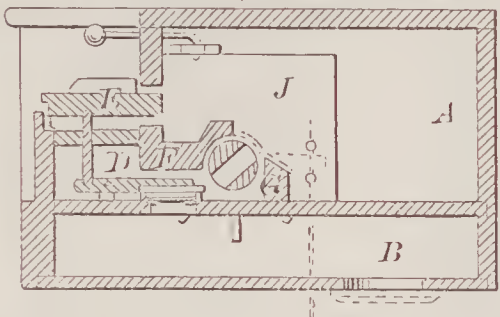
65470—Bloombsburg & Molyneux—*Rotary Valve for Steam Engines.*



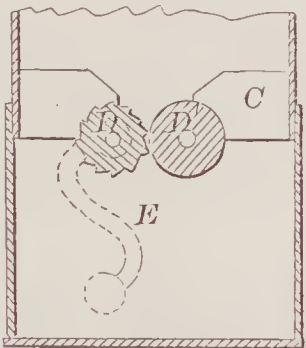
65471—W. F. Browne—*for Stacking Hay and Grain.*



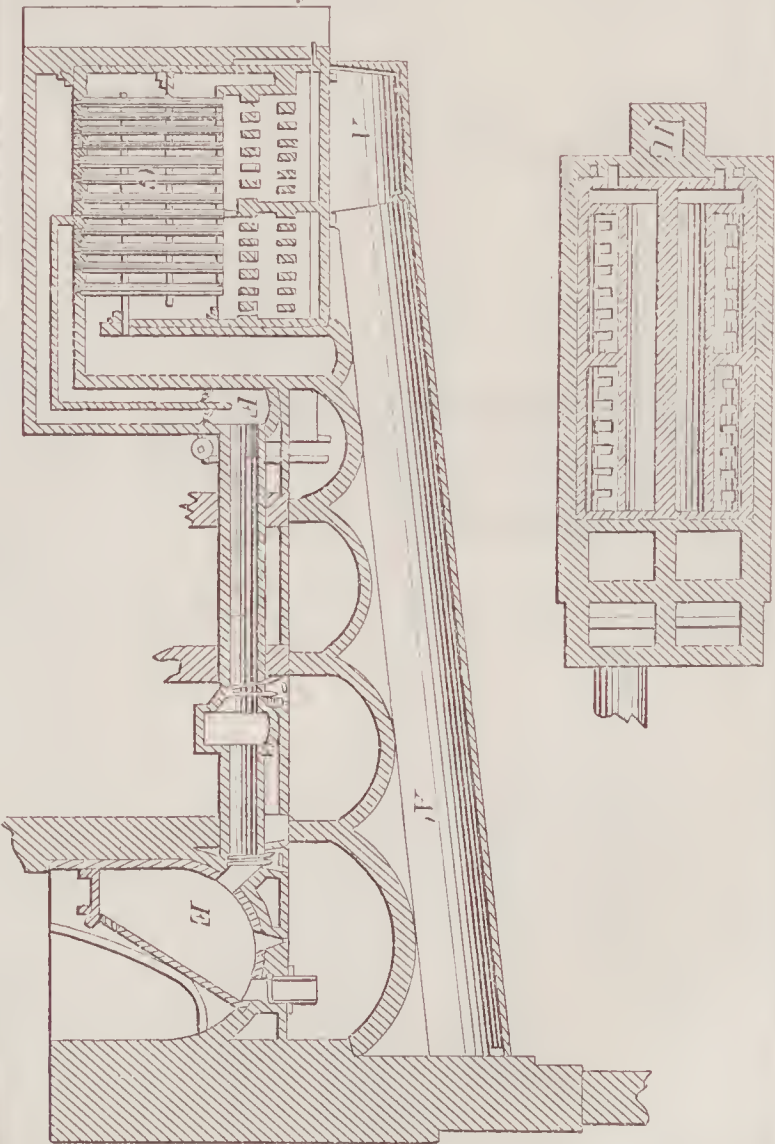
65472—R. W. Carpenter—*Tremolo Attachment for Melodeons.*



65474—D. C. Colby—*Coffee Can and Crusher.*



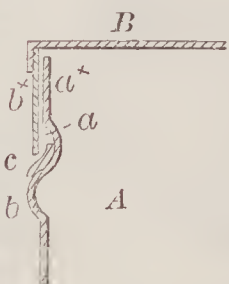
65473—T. J. Chubb—*Making Steel direct from Ore.*

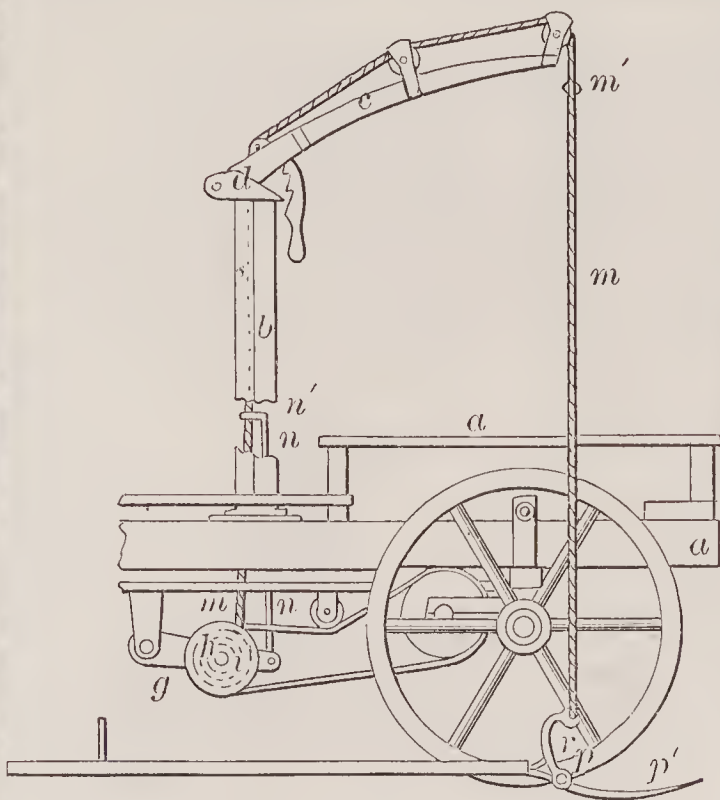
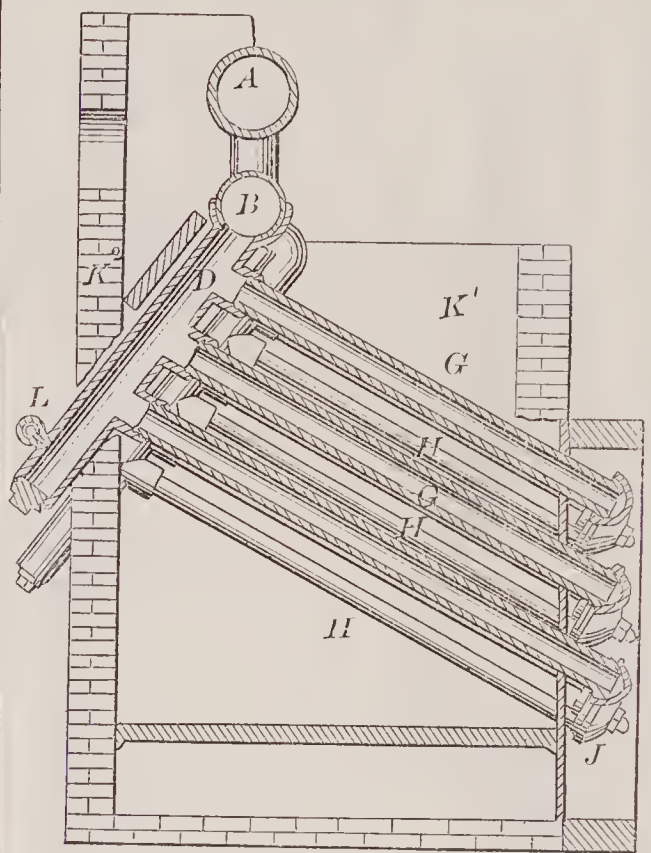
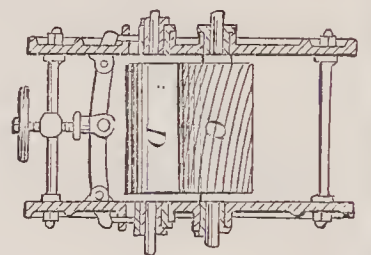
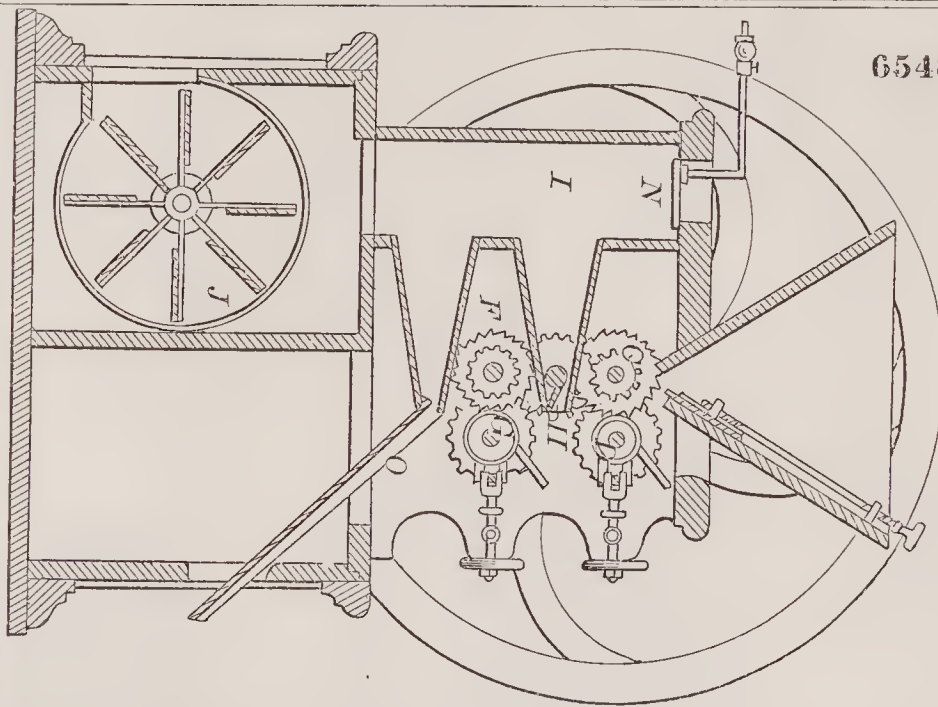
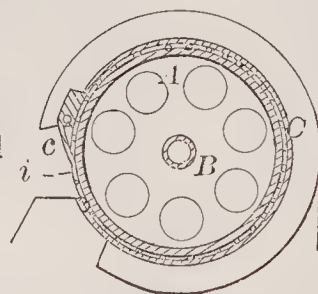
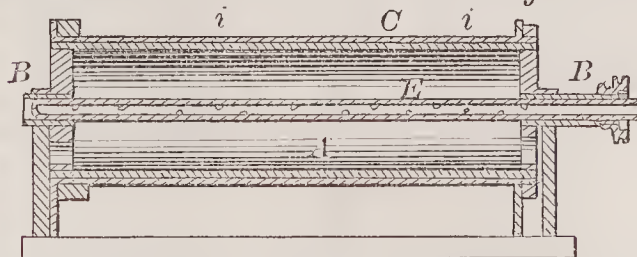
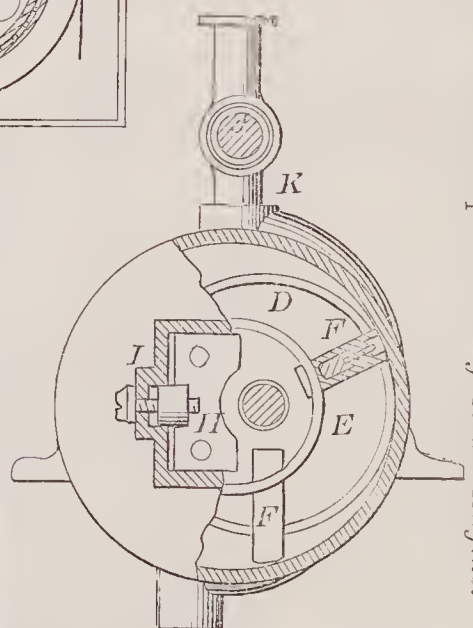
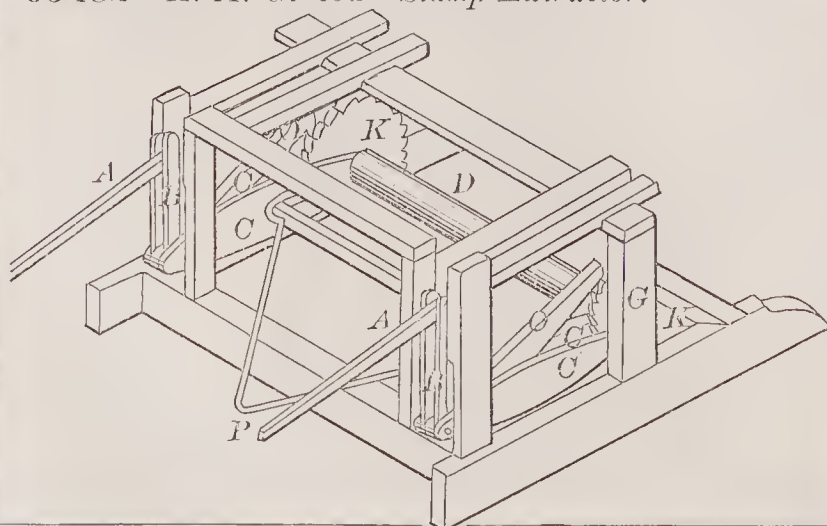


65477—J. F. Drummond—*Paint Can.*

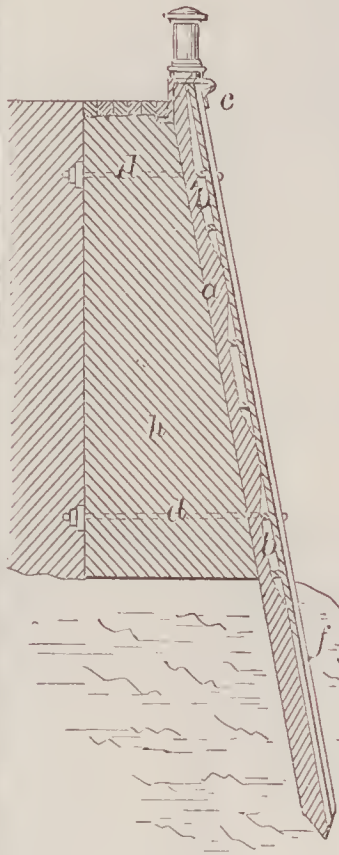


65476—E. W. Devoe—*Paint Can.*

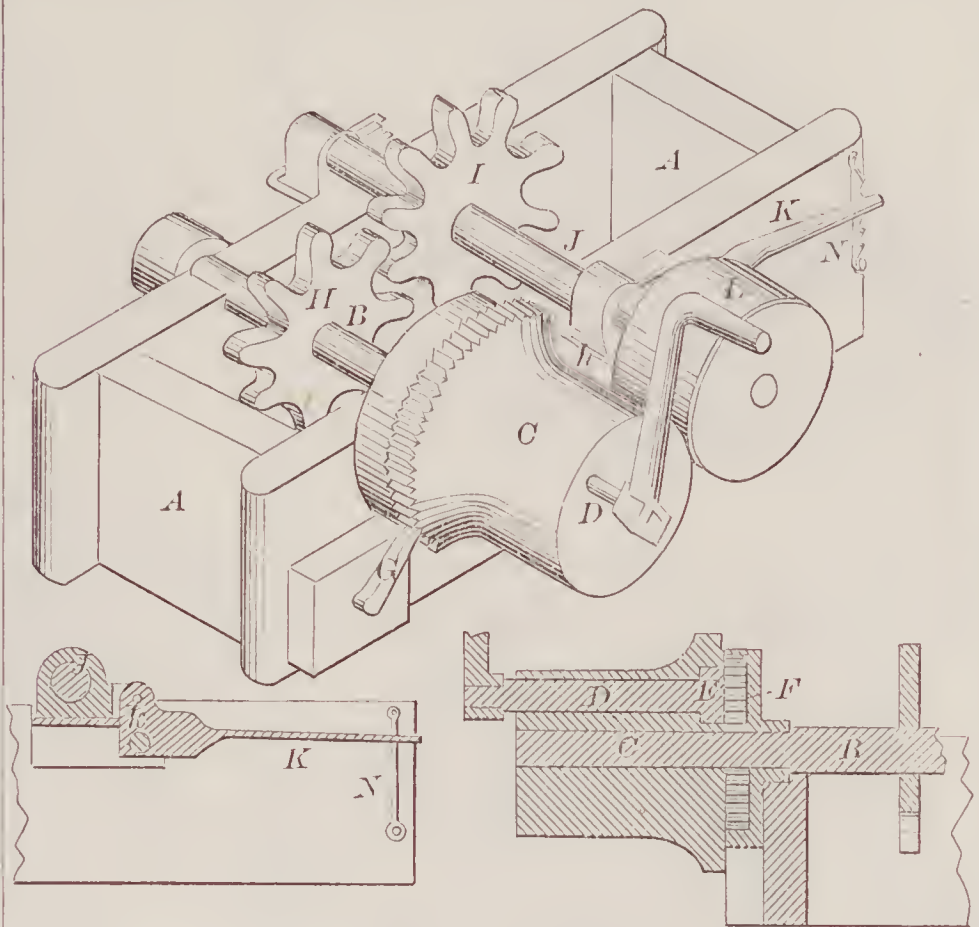


65478—W. H. Elliot—*Hay Loader.*65479—H. Feyh—*Steam Generator.*65480—E. T. Ganneron—*For Hulling Rice.*65481—H. C. Gee—*For Annealing Wire.*65482—H. M. Gibson—*Stump Extractor.*65483—J. E. Gillespie—*Rotary Steam Engine.*

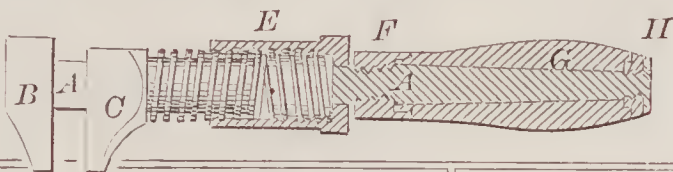
65481—R. A. Gilpin—Construction of Piers, Docks, and Wharves.



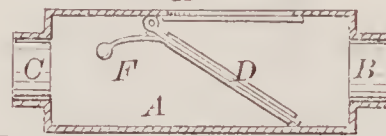
65486—J. S. Heald—Winch or Capstan.



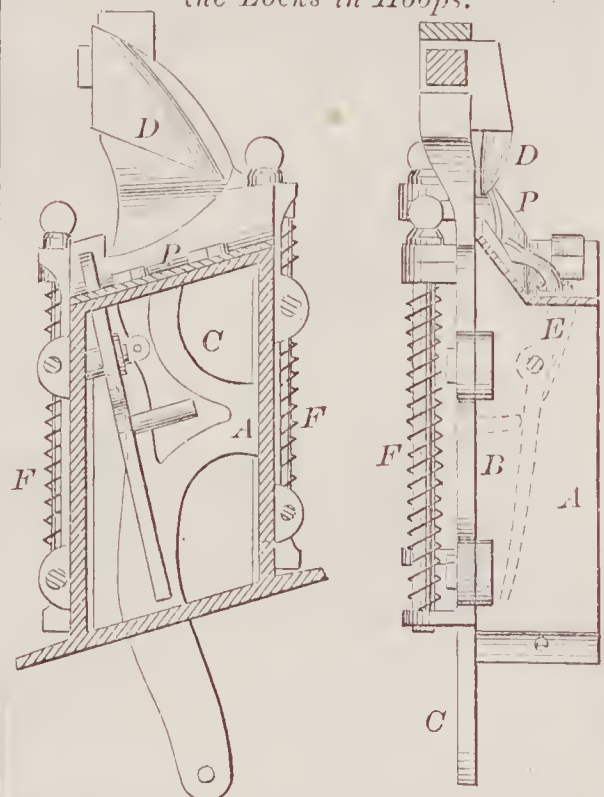
65489—L. Jordan—Wrench.



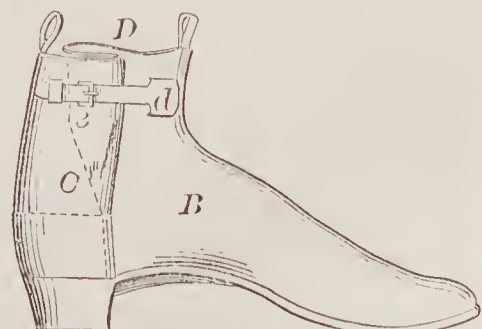
65490—J. V. Karr—Gas Chamber for Forges.



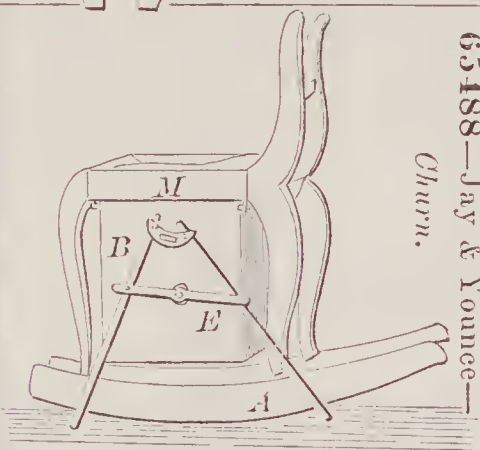
65491—F. C. La Riviere—For Cutting the Locks in Hoops.



65492—C. D. Letherburg—Shoe.



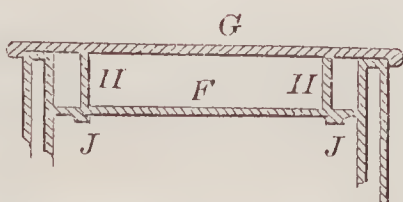
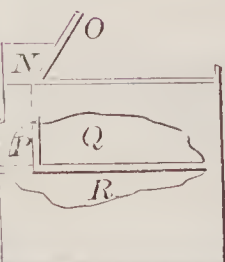
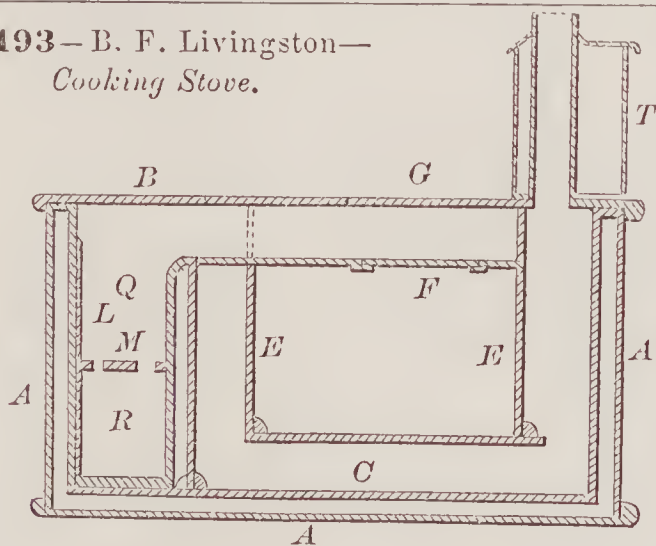
65488—Jay & Younce—Churn.

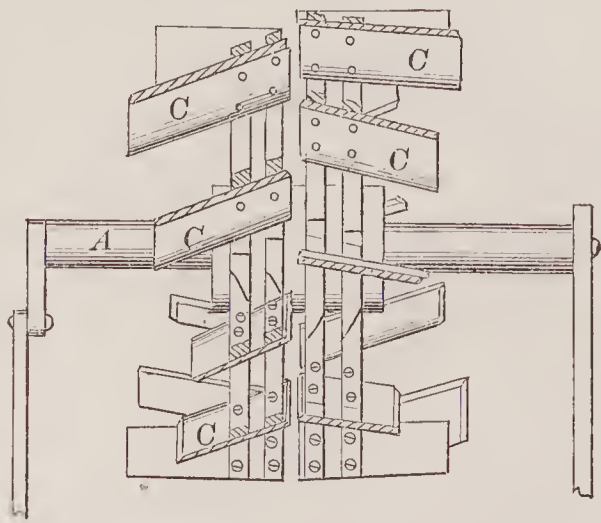
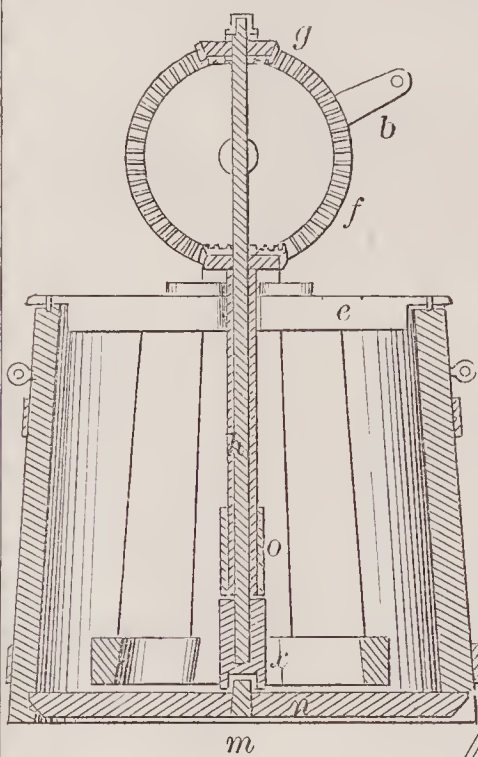
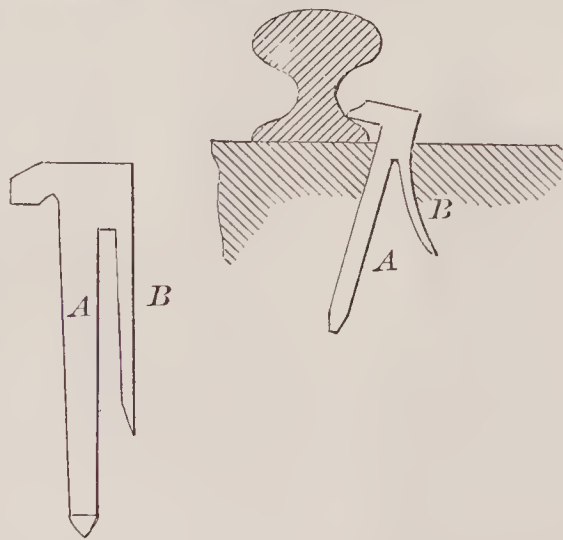
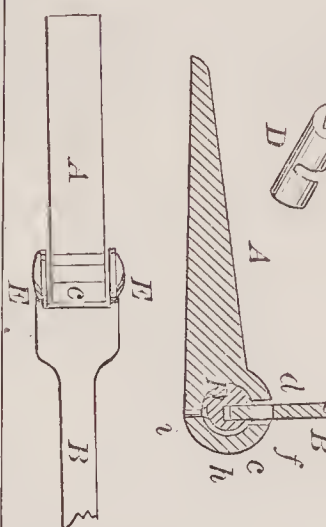
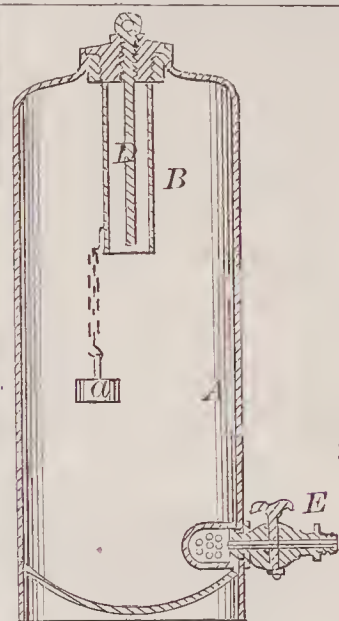
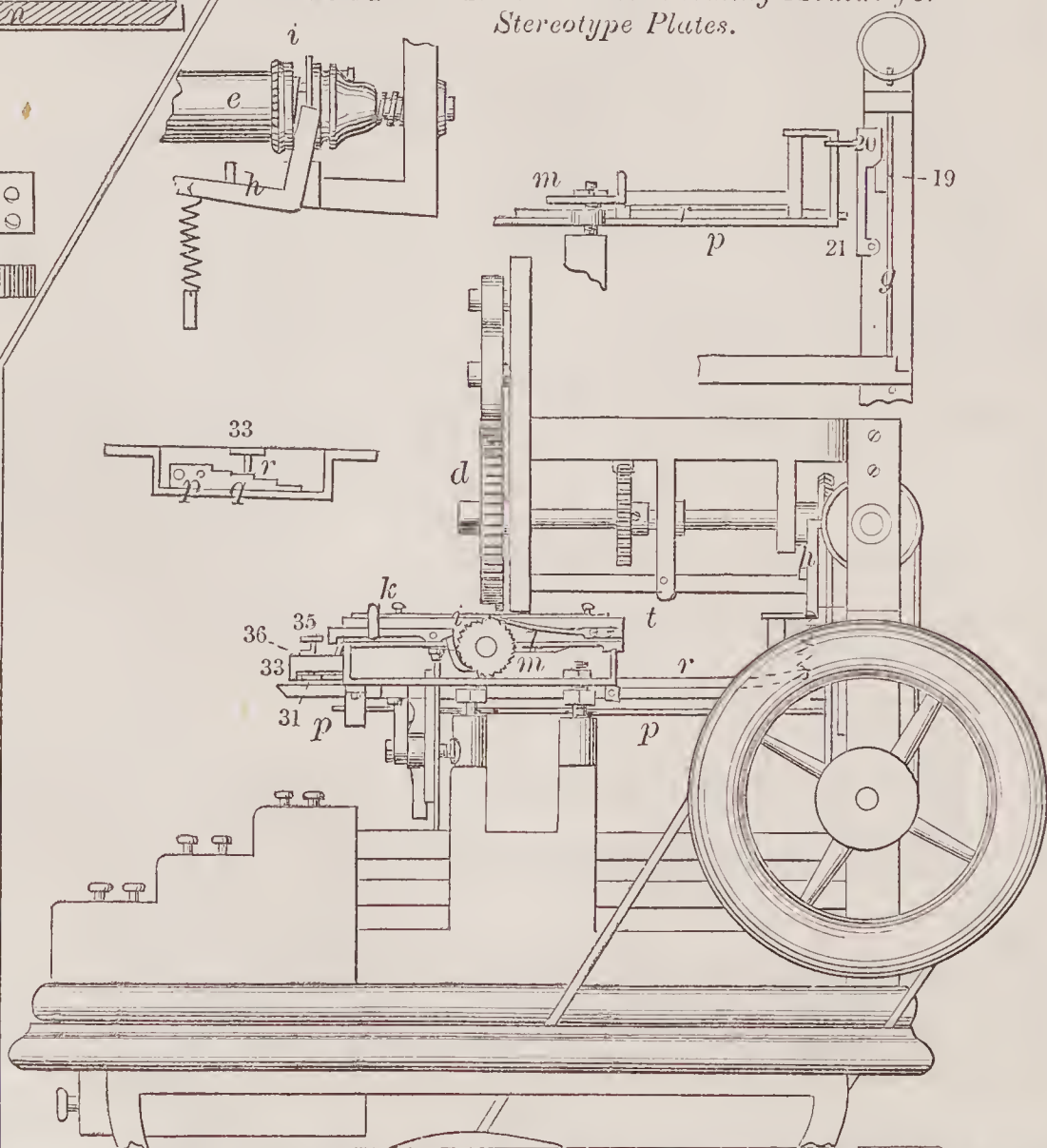
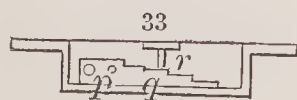
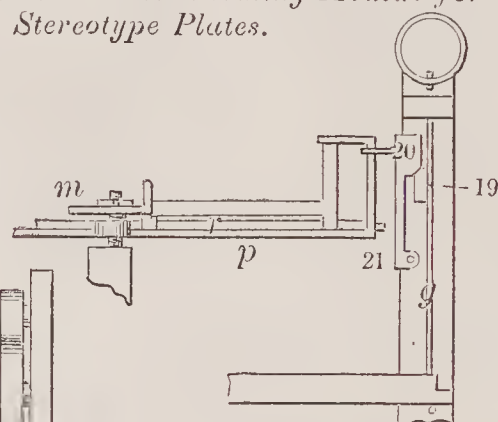
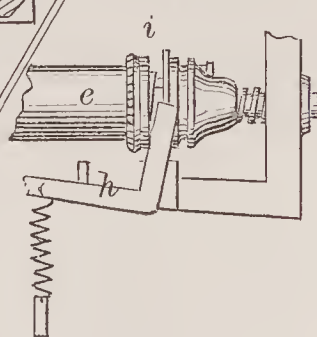
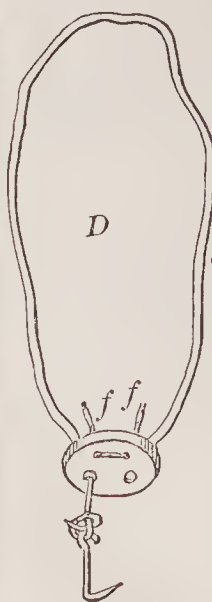


65487—L. & A. A. Hoffman—Boot Heel.

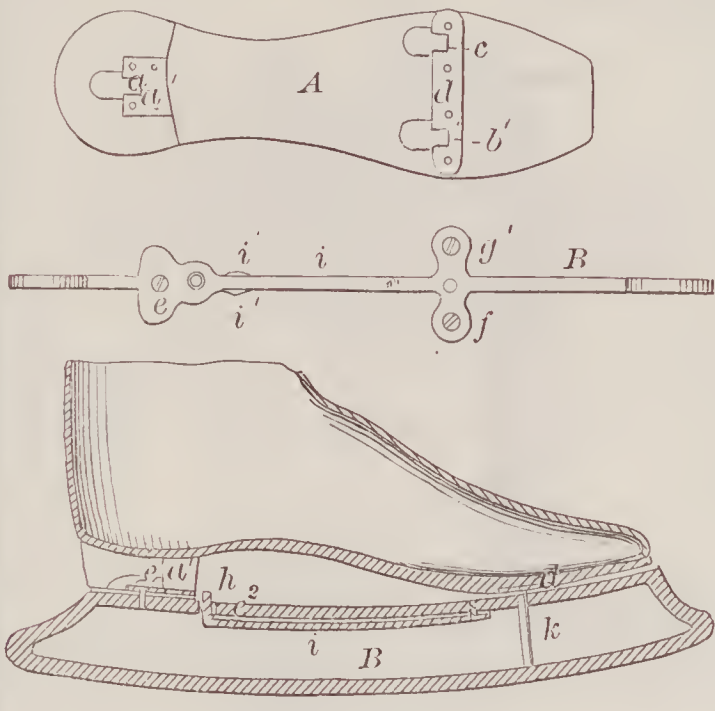


65493—B. F. Livingston—Cooking Stove.

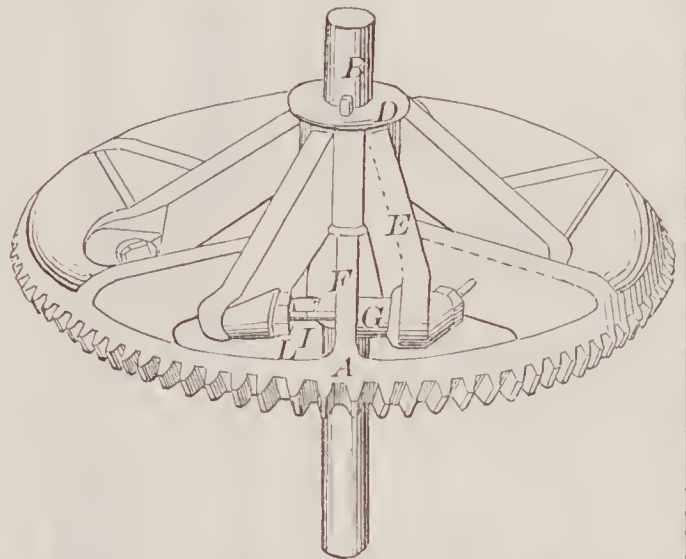


65495—E. Matteson—*Paddle Wheel.*65497—G. W. McGill—*Spike.*65496—W. R. McCutcheon—*Churn.*65498—C. D. Miller—*Attaching
Thills to Carriages.*65500—D. Needham—*For Charging
Soda Fountains.*65501—M. Nelson—*For Forming Moulds for
Stereotype Plates.*65499—J. Miller—*Bag Fastener.*

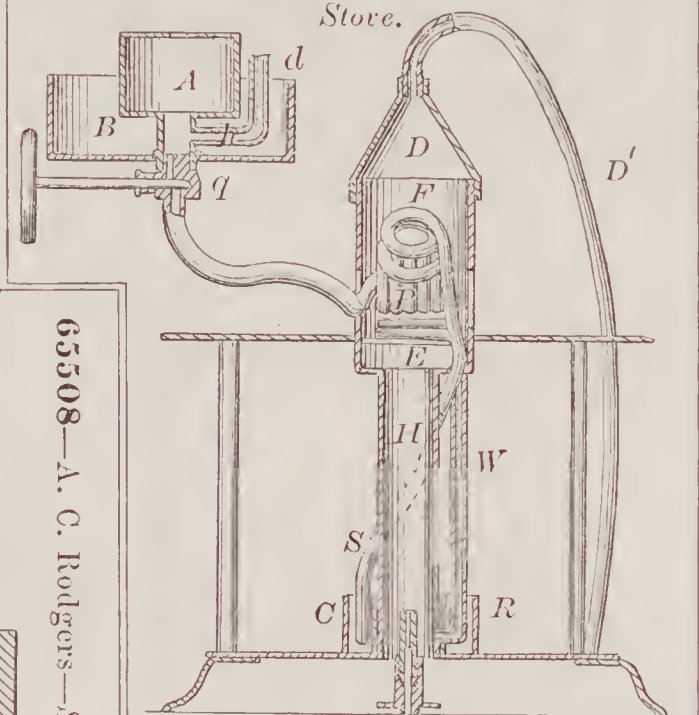
65502—J. W. Post—*Skate.*



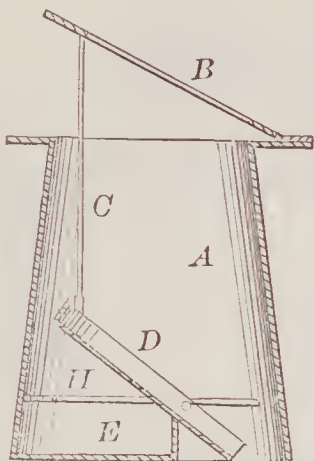
65506—J. L. Rees—*Cog Gearing Spring.*



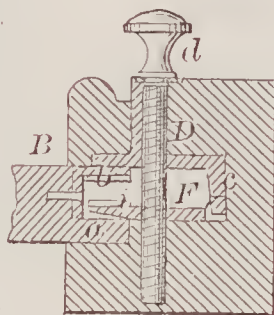
65507—Riddle & Gray—*Petroleum Vapor Store.*



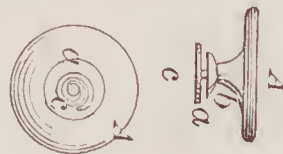
65505—A. Rankin—*Water Closet.*



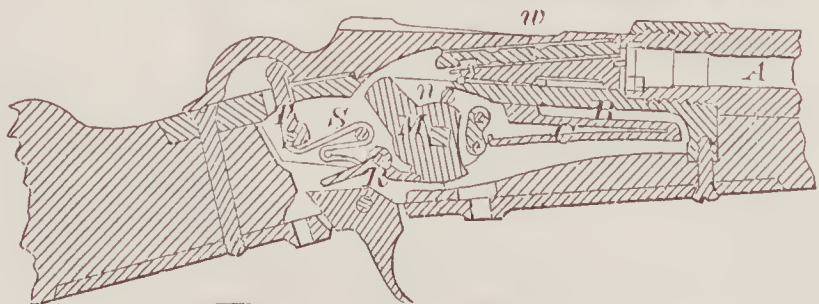
65508—A. C. Rodgers—*Sash Fastener.*



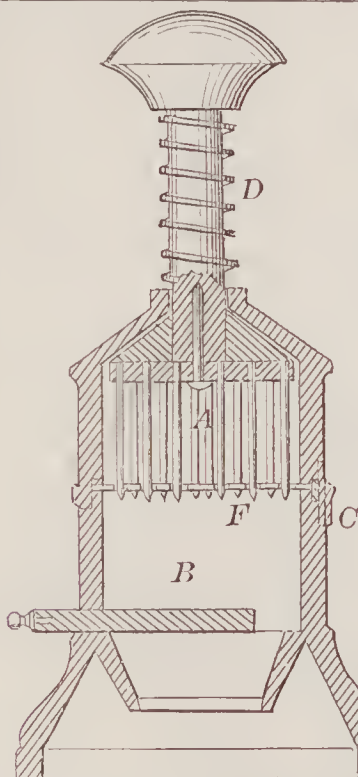
65503—J. M. Prugger—*Button.*



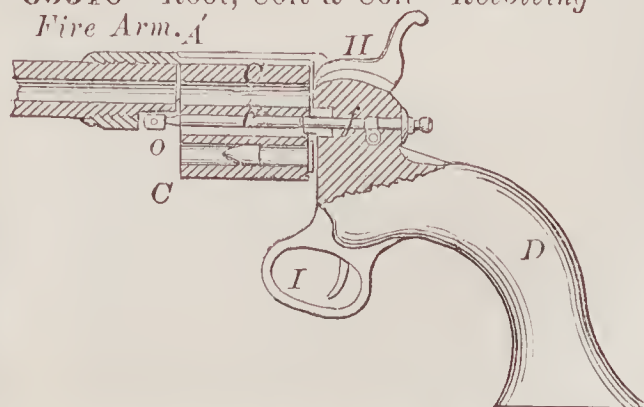
65509—Root, Colt & Colt—*Breech-Loading Fire Arm.*



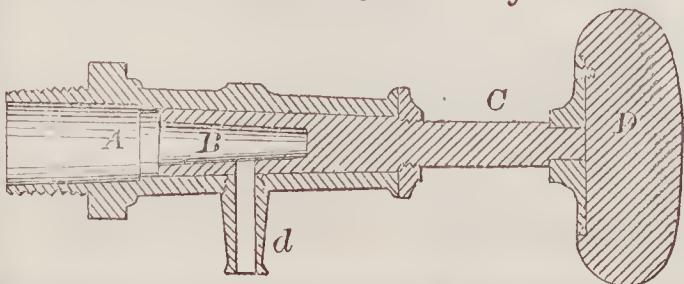
65504—E. F. Pryor—*Ice Crusher.*



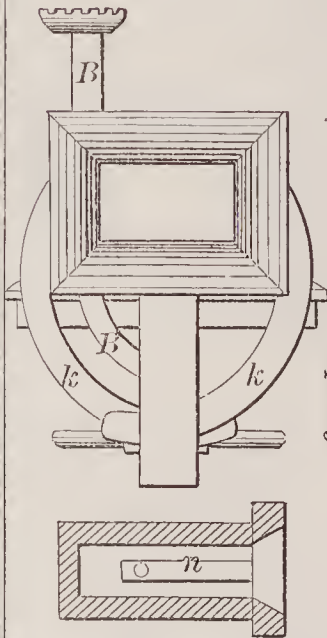
65510—Root, Colt & Colt—*Revolving Fire Arm.*



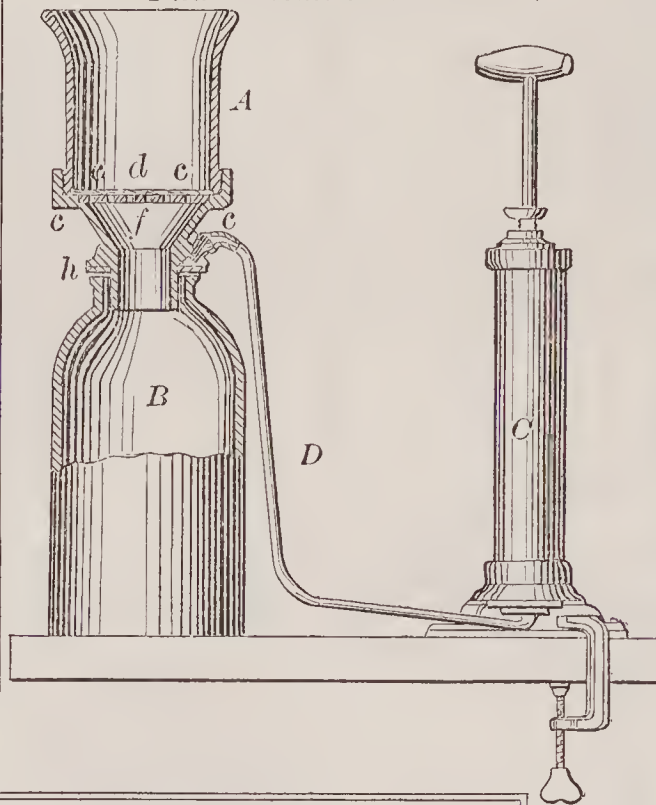
65511—J. Sanders—*Steam Gauge Cock.*



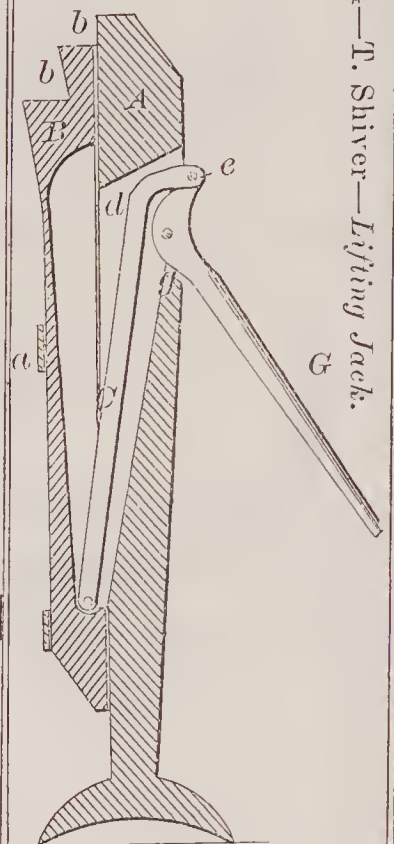
65513—G. W. Shingleton—Car Coupling.



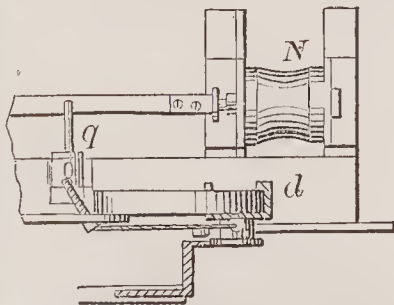
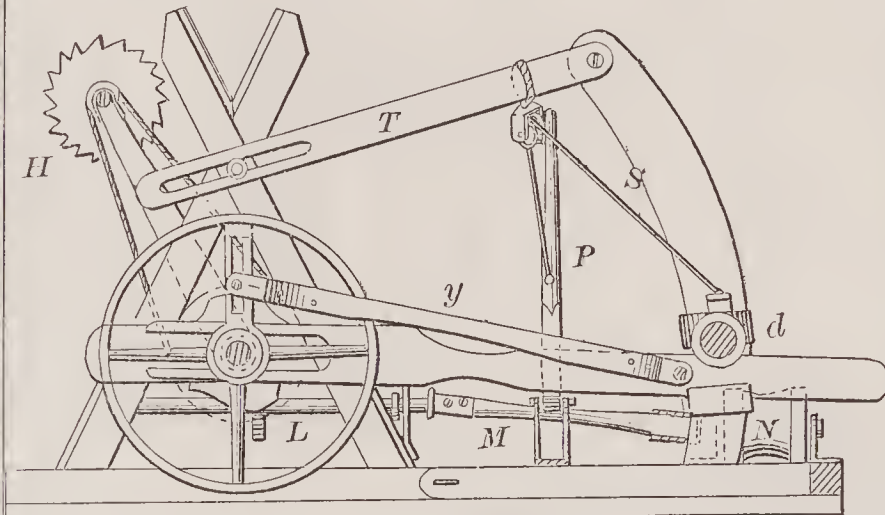
65515—A. B. Spencer—Filter for Pharmacutists and others.



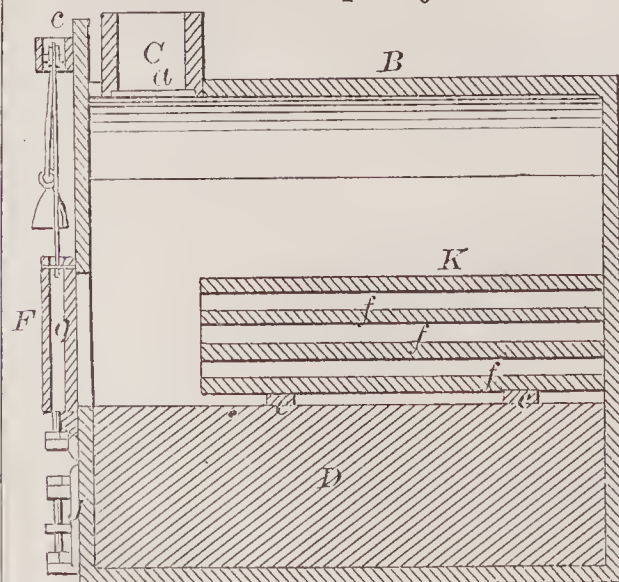
65514—T. Shiver—Lifting Jack.



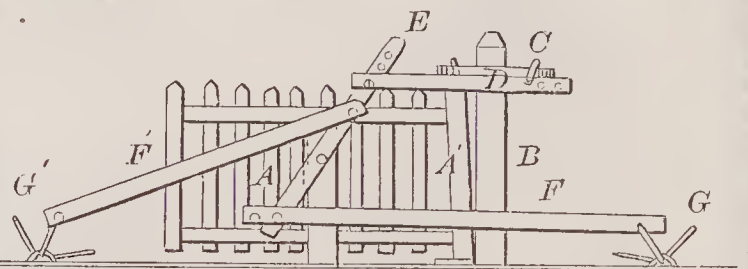
65517—J. B. Sweetland—Sawing Machine.



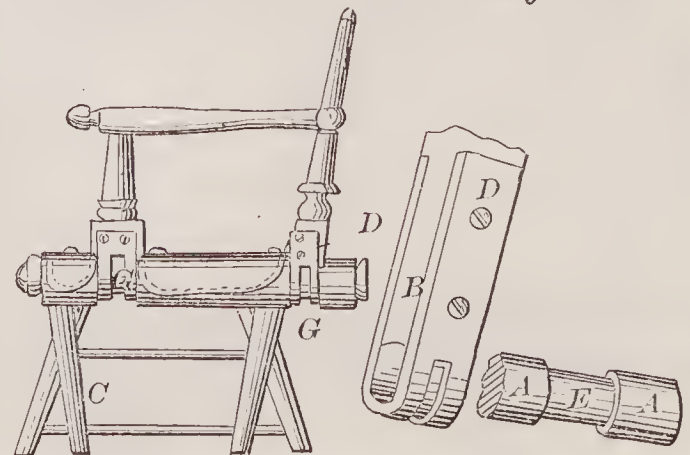
65516—B. S. Stokes—For Heating Steel in Tempering.



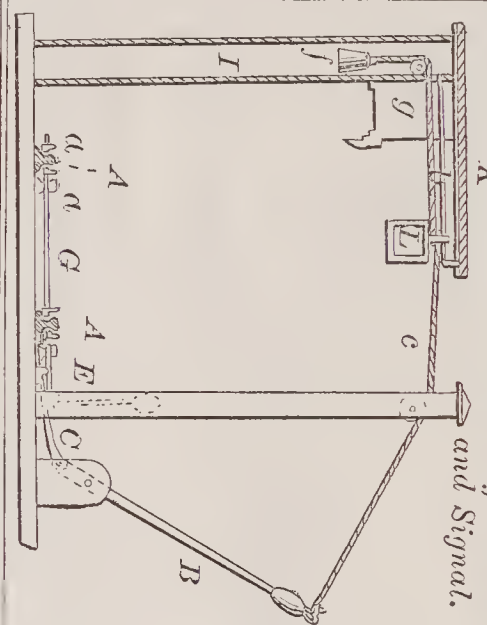
65519—J. B. Webb—Farm Gate.



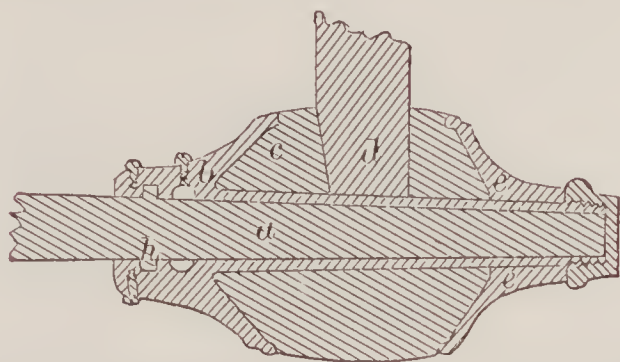
65520—G. E. Whitmore—Folding Chair.



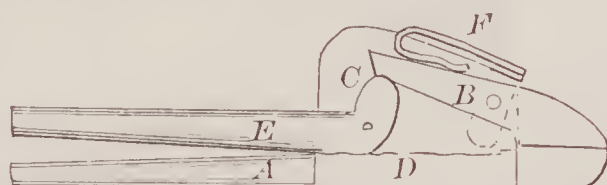
65518—U. L. Warner—Railway Switch and Signal.



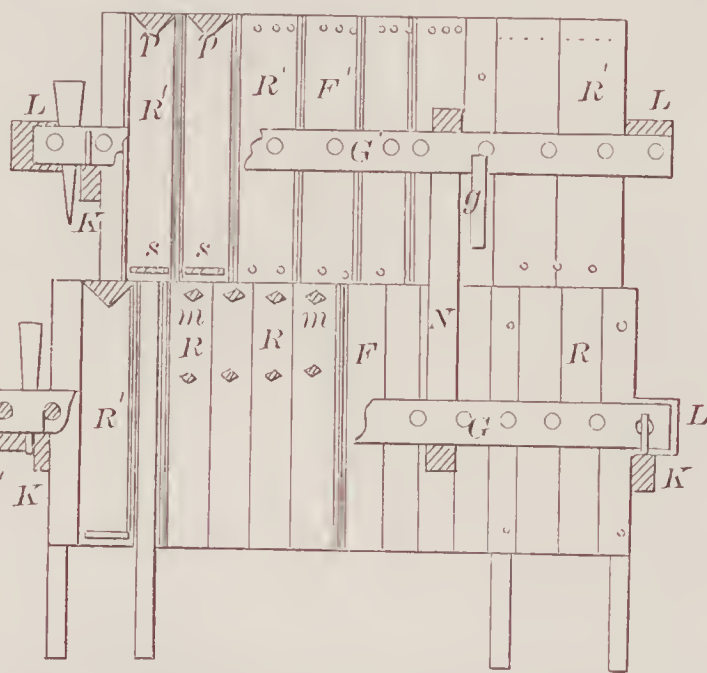
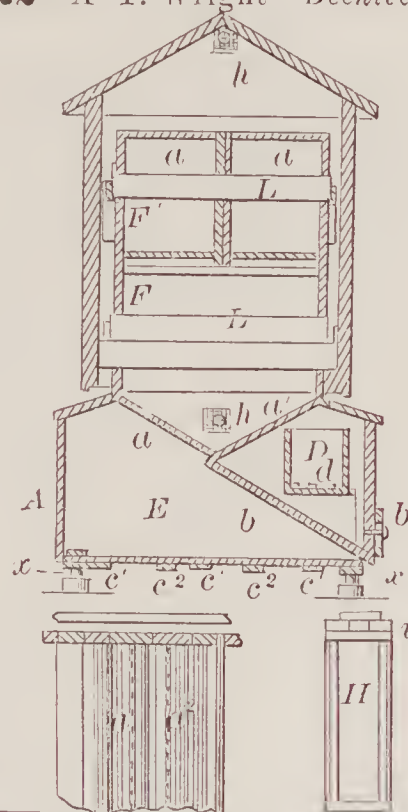
65521—G. E. Whitmore—*Wheel Hub.*



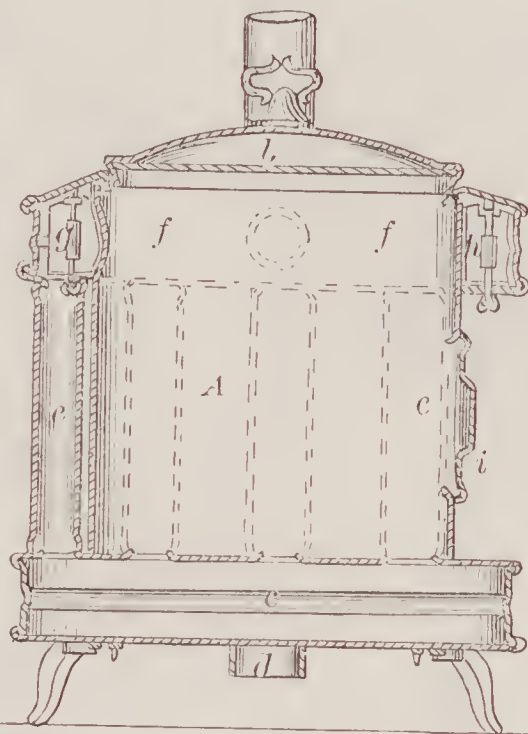
65523—Wright & Boody—*Bolt Cutter.*



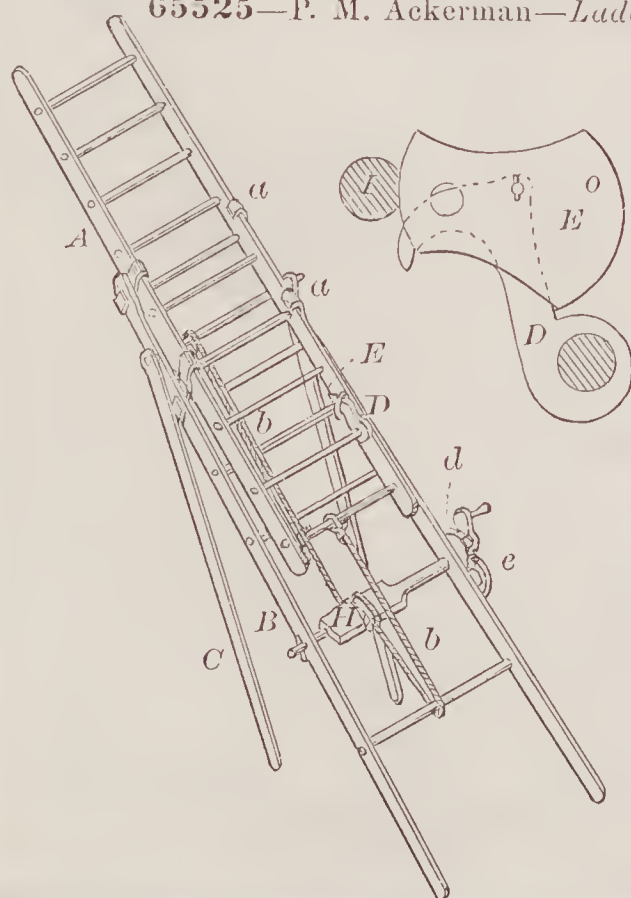
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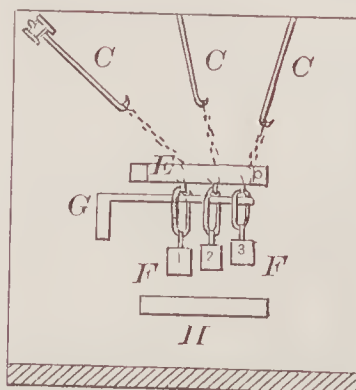
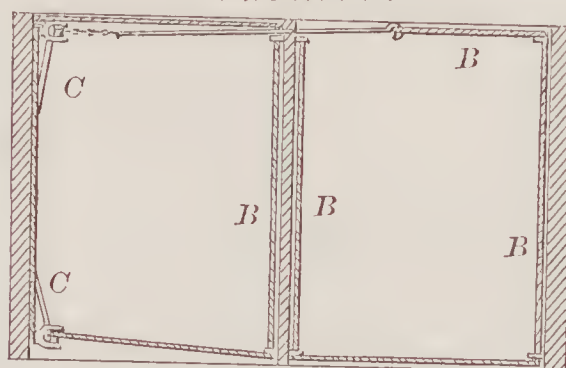
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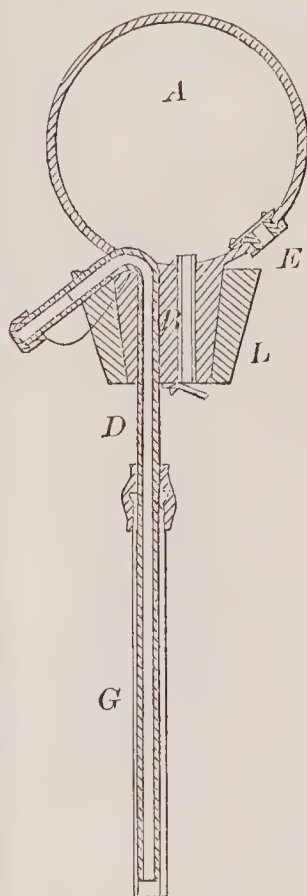
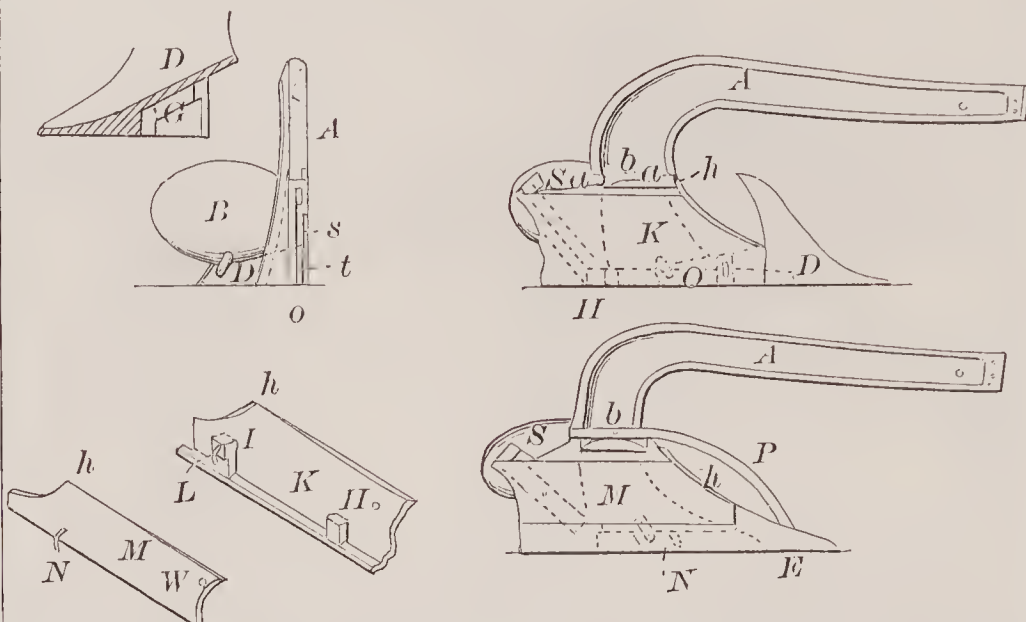
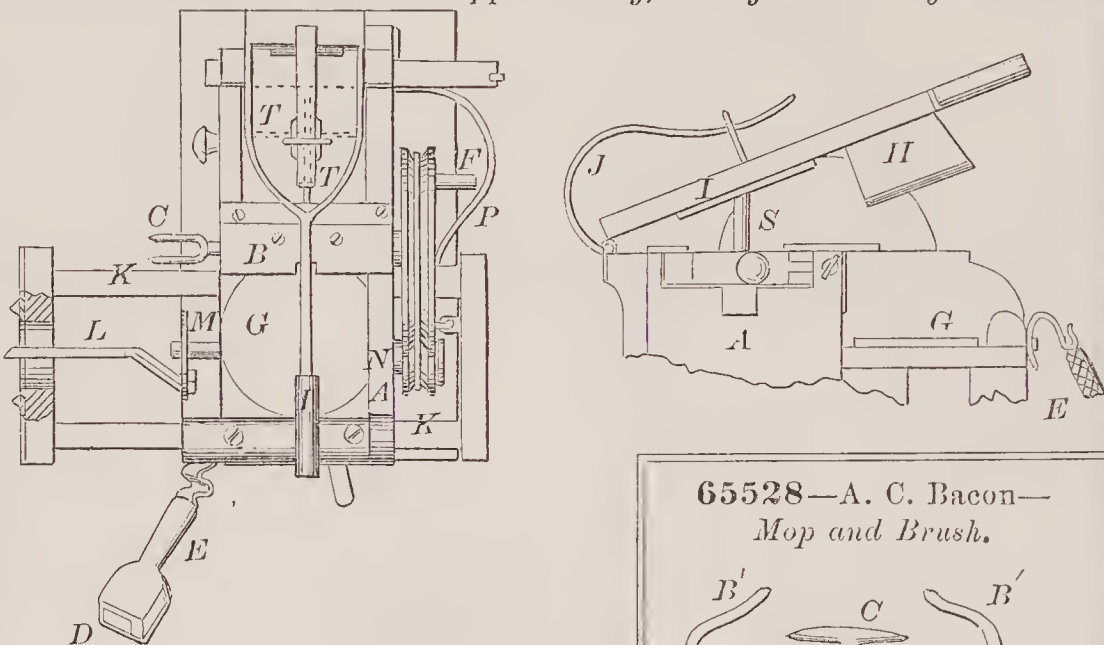
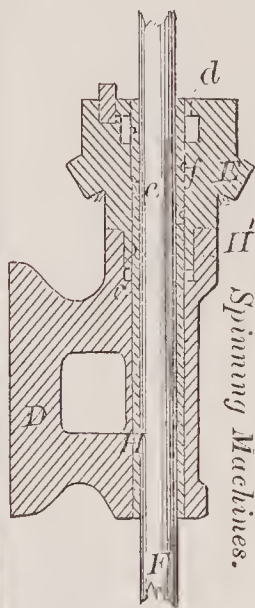
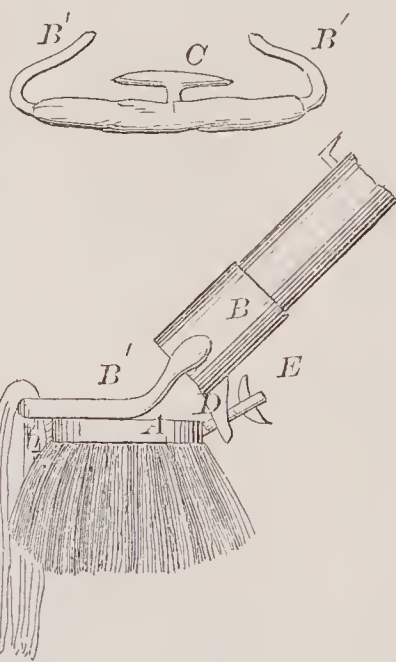
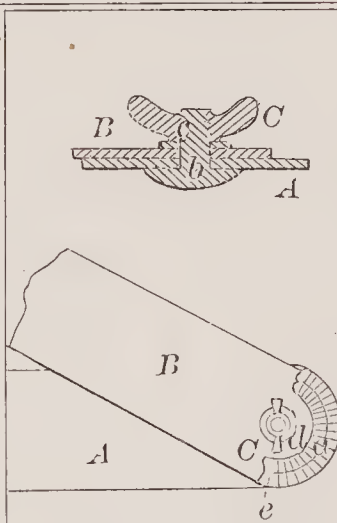
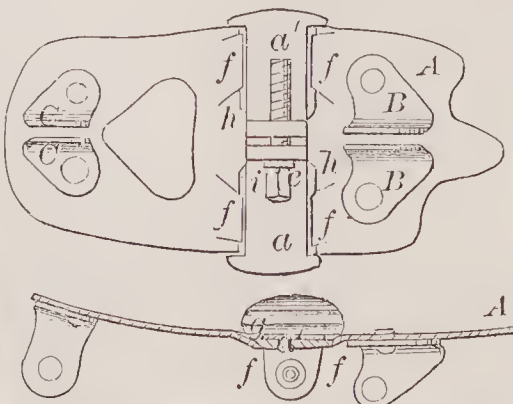
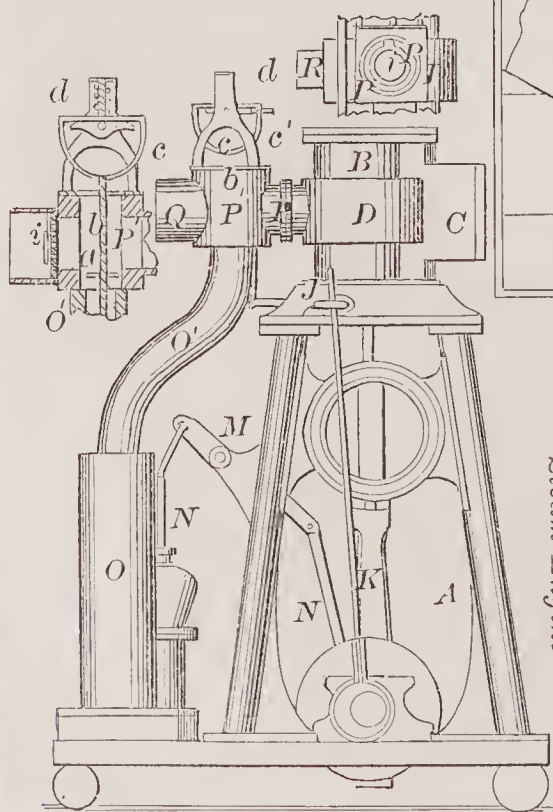


65525—P. M. Ackerman—*Ladder.*

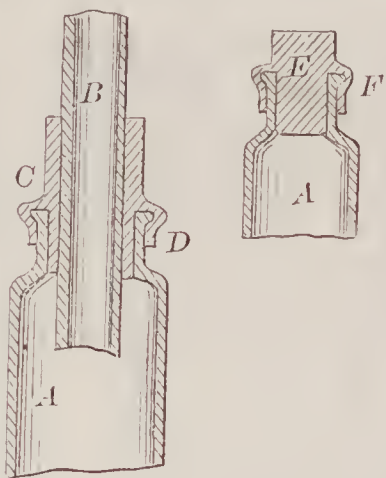


65526—Andrews, Cummer & Granweiler—*Fire Alarm.*

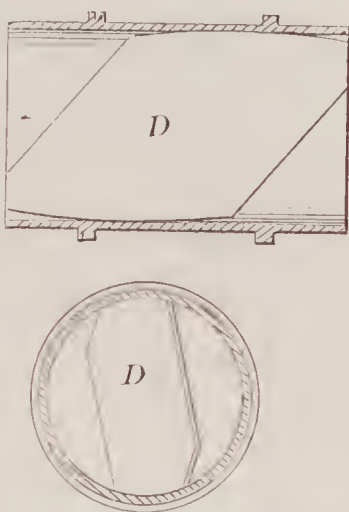


65527—G. Asmus—*Bottle Pump.*65529—E. Ball, Jr.—*Plow.*65534—A. McR. Blain—*Apple Paring, Coring and Slicing Machine.*65530—J. B. Bancroft—*Lubricator for Spinning Machines.*65528—A. C. Bacon—*Mop and Brush.*65532—Bickford & Flanders—*Graduated Bevel Square.*65531—Barney & Berry—*Skate.*65536—Brayton, Curtis & June—*Steam Engine.*

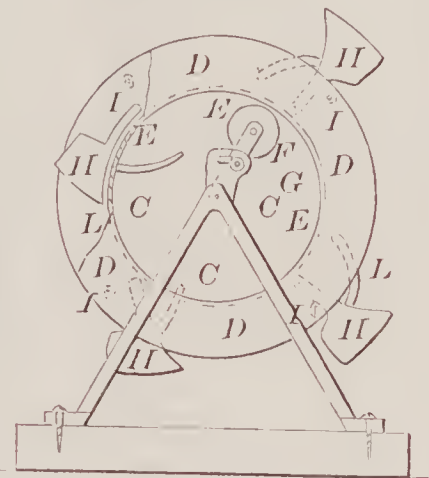
65537—W. D. Brown—*Bottle Stopper and Coupling.*



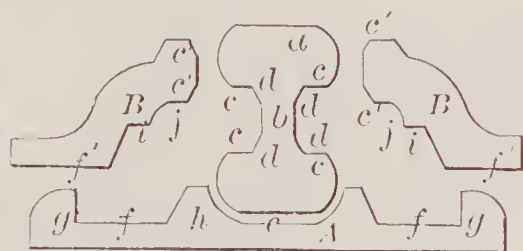
65538—W. Brückner—*For Desulphurizing Ores.*



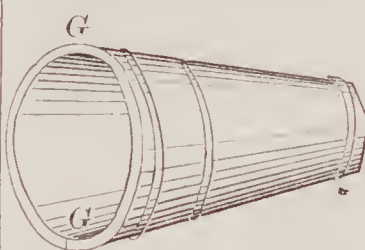
65539—E. G. Budd—*Water Wheel.*



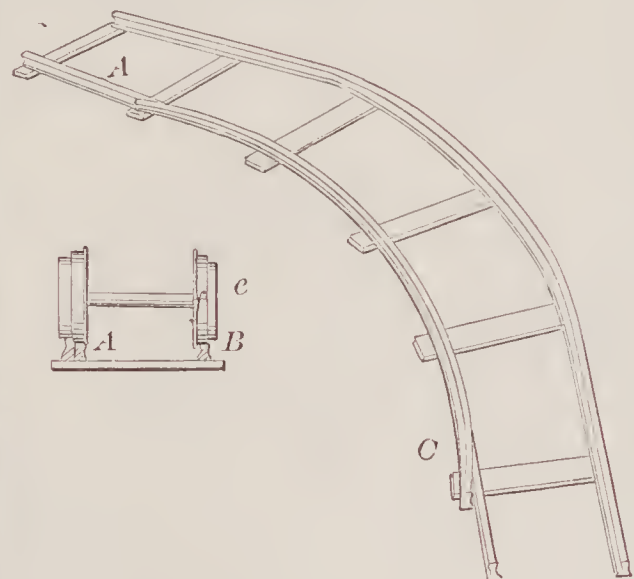
65540—S. S. Burt—*Railway Chair.*



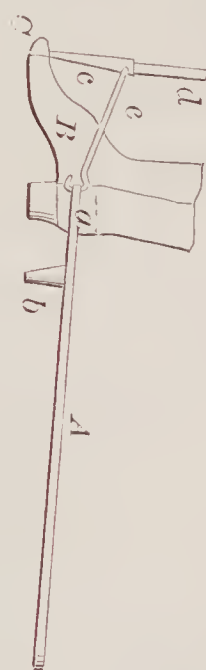
65541—C. L. Campbell—*Wagon Axletree.*



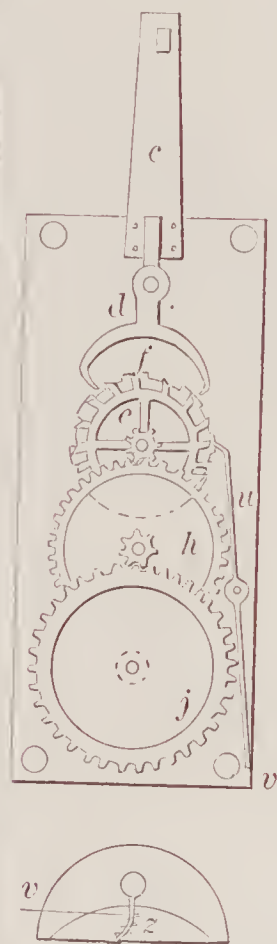
65544—G. Collyer—*Turning Curves of Railroads.*



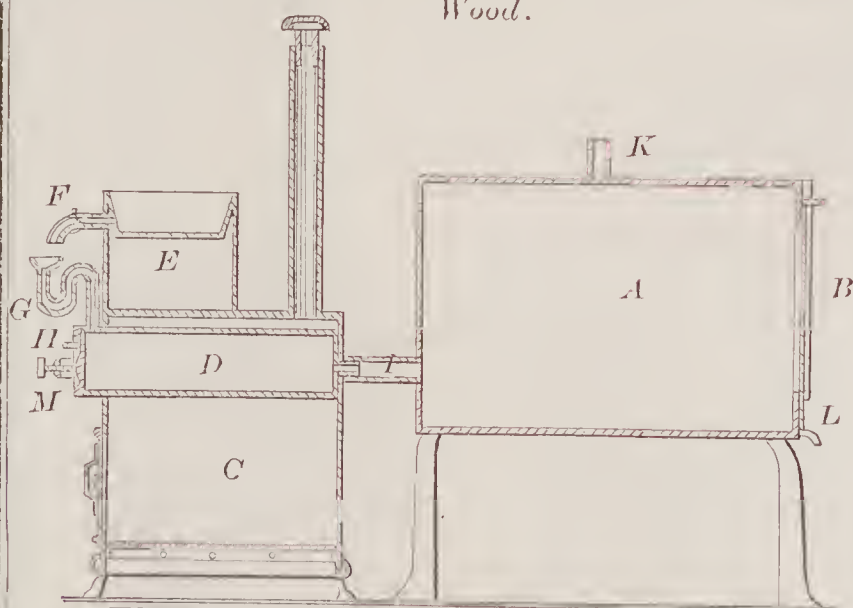
65543—C. Clay—*Boatjack.*



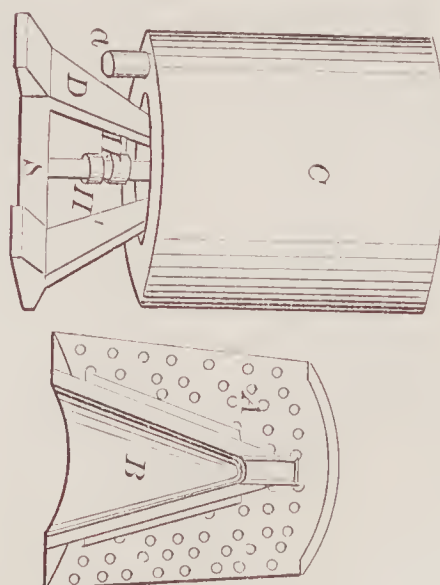
65542—H. C. Carden—*Metronome.*

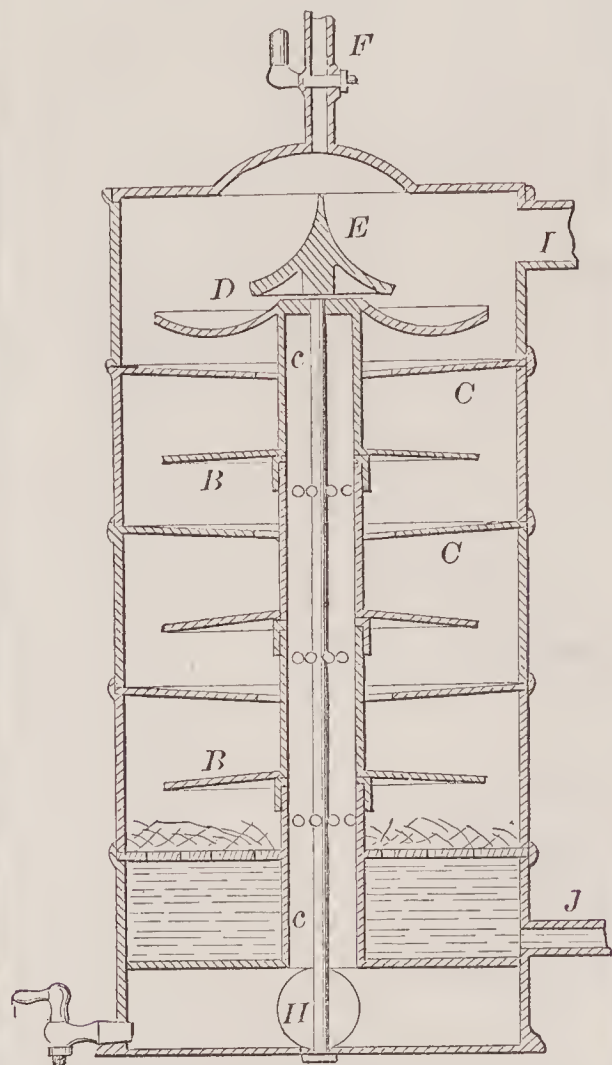
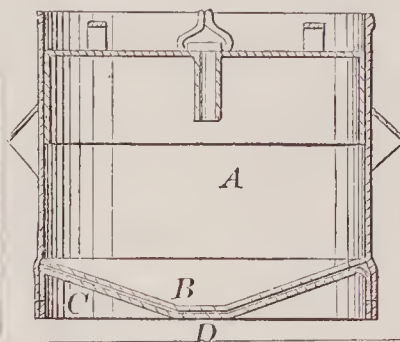
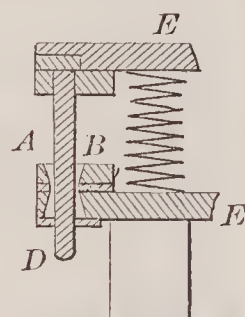
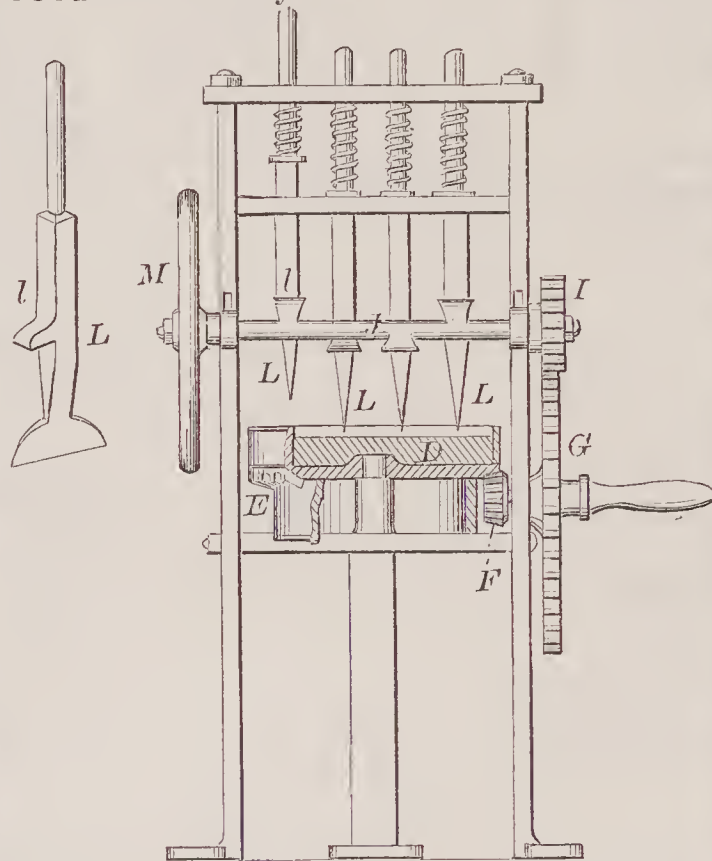
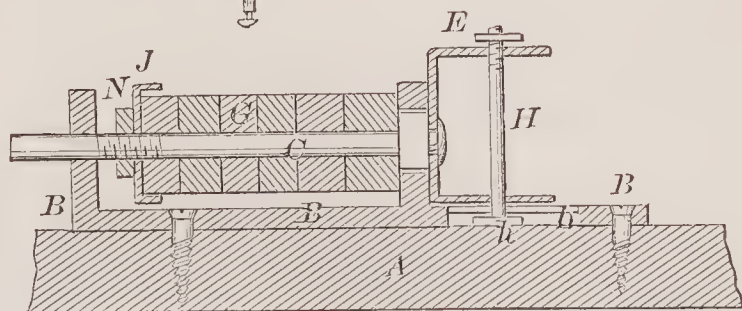
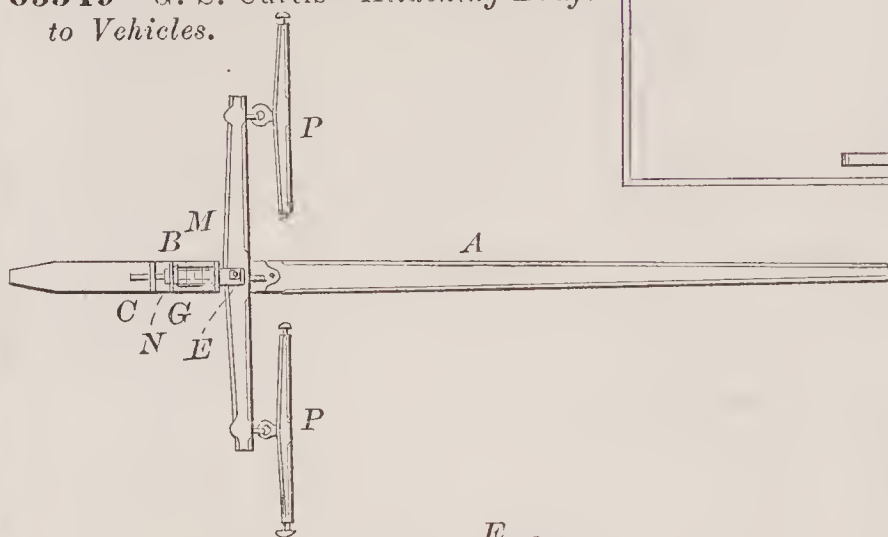
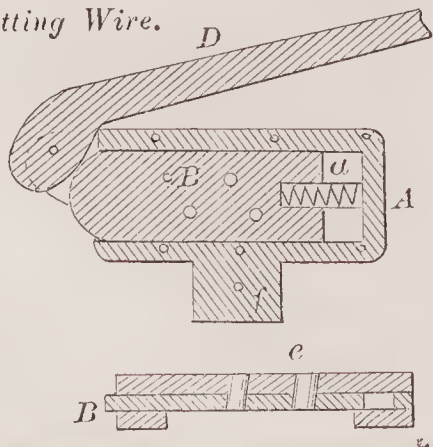
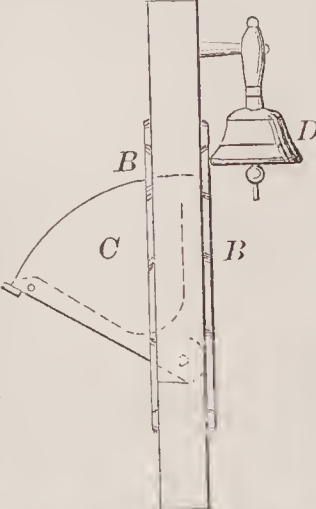
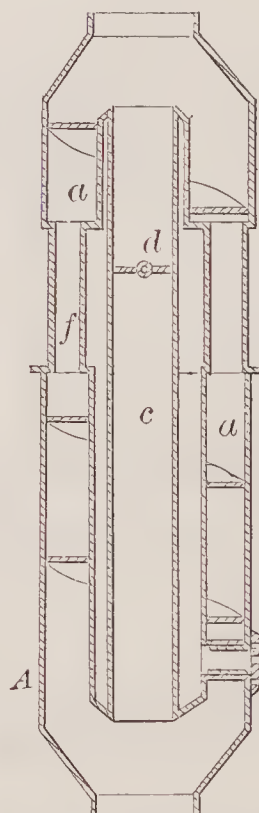


65545—Constant & Smith—*Seasoning and Preserving Wood.*

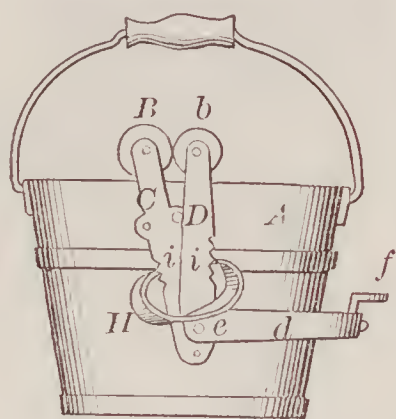


65546—H. A. Coppers—*For Draining Sugar.*



65547—Crighton & Wills—*Feed Water Heater.*65548—A. P. Curry—*Milk Can.*65556—J. S. Farrington—*Bed Bottom.*65551—D. S. Early—*Meat Cutter.*65549—G. S. Curtis—*Attaching Draft to Vehicles.*65550—W. P. Dunlap—*Wrench.*65557—W. H. Flinn—*Tool for Cutting Wire.*65555—J. B. Lustis—*Change Box.*65554—A. Ernst—*Stove Pipe Drum.*

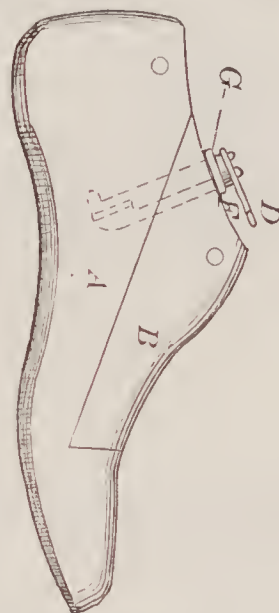
65558—Gage & Northrup—*Mop Wringer.*



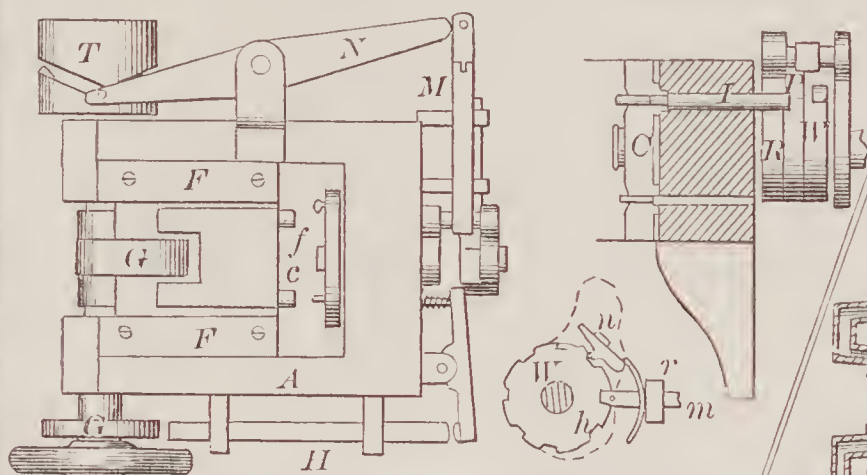
65559—C. Gooch—*Ice Cream Freezer.*



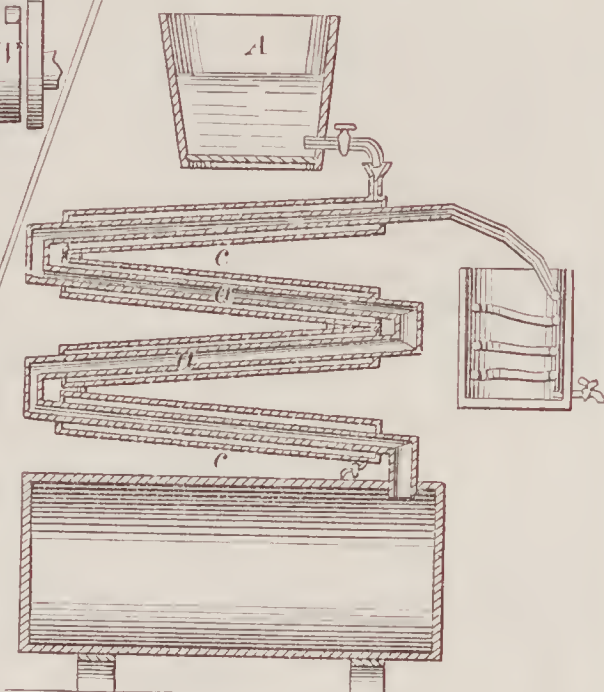
65560—D. Goodyear—*Last Lock.*



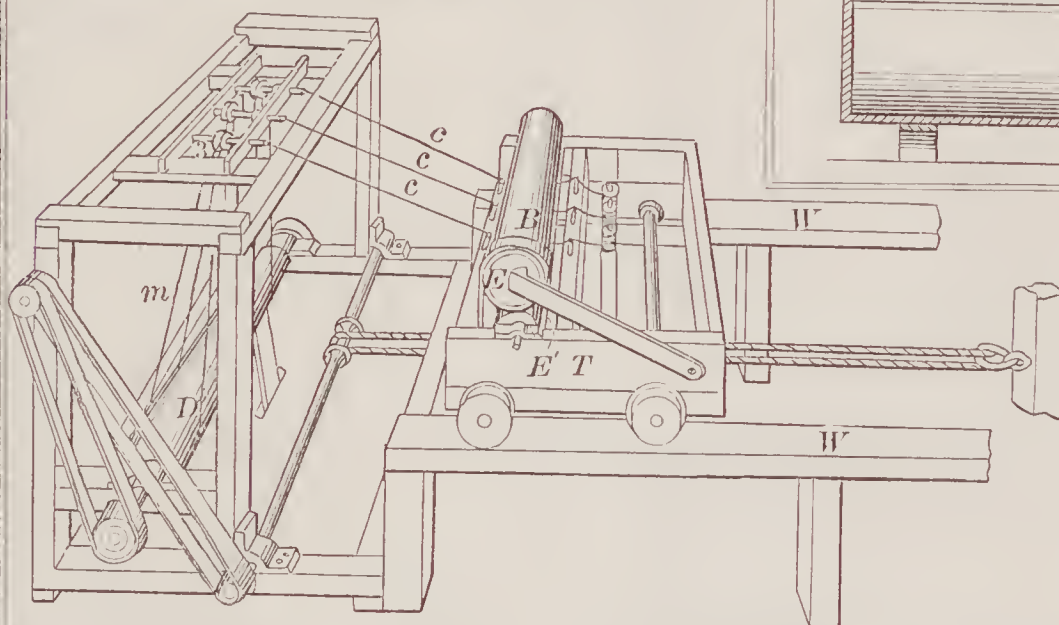
65561—Goodyear & Parker—*Bolt Heading Machine.*



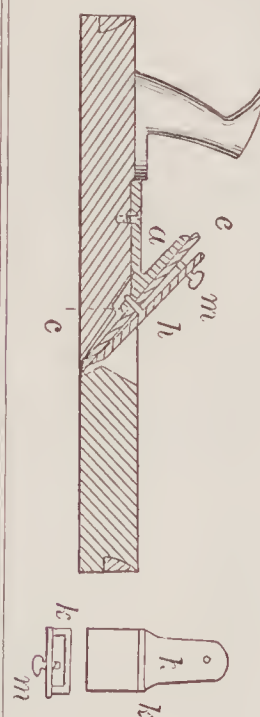
65564—G. Hadley—*Still.*



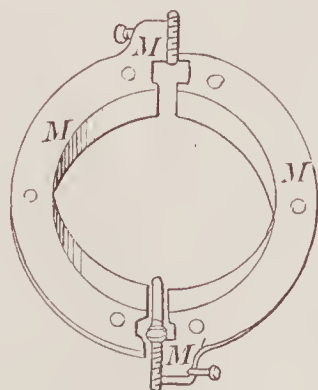
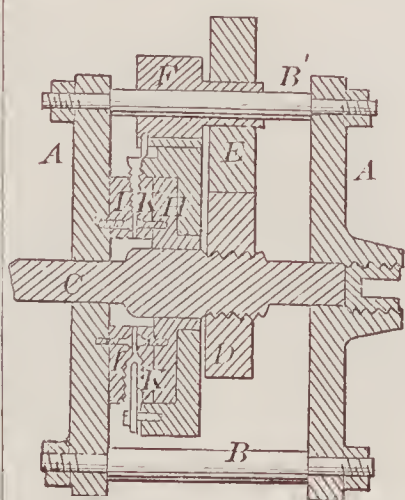
65565—J. Hall—*For Making Cordage.*



65562—A. Gray—*Joiner's Plane.*

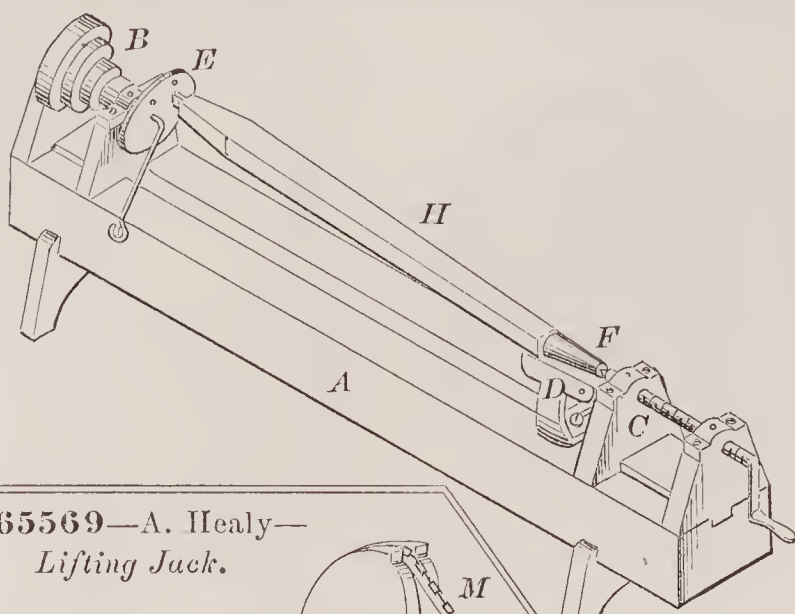
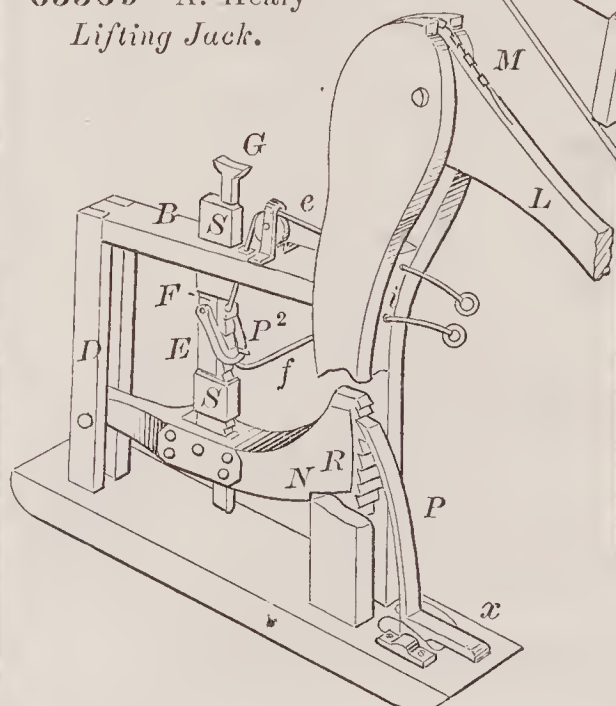
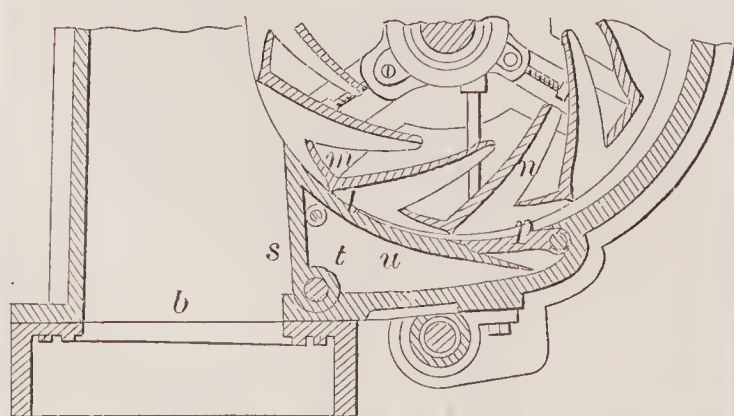
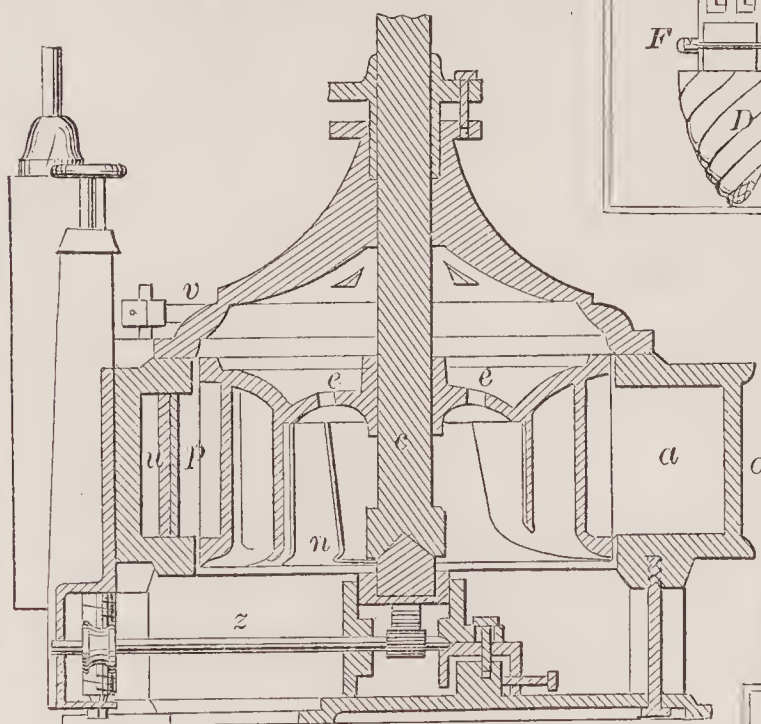
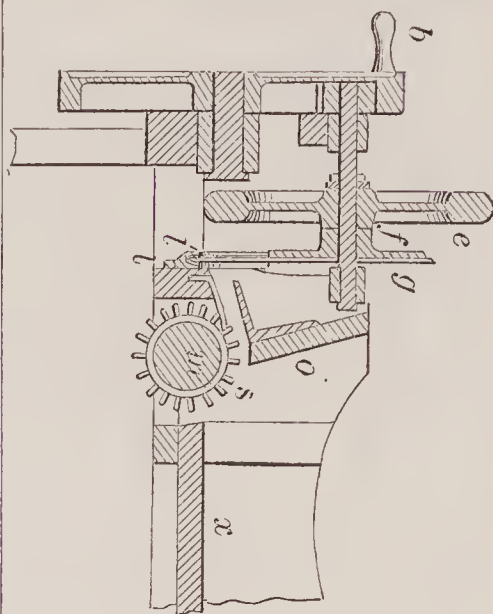
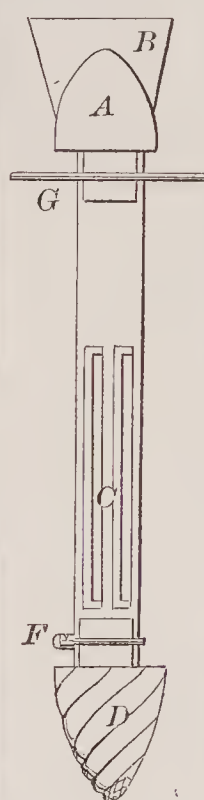
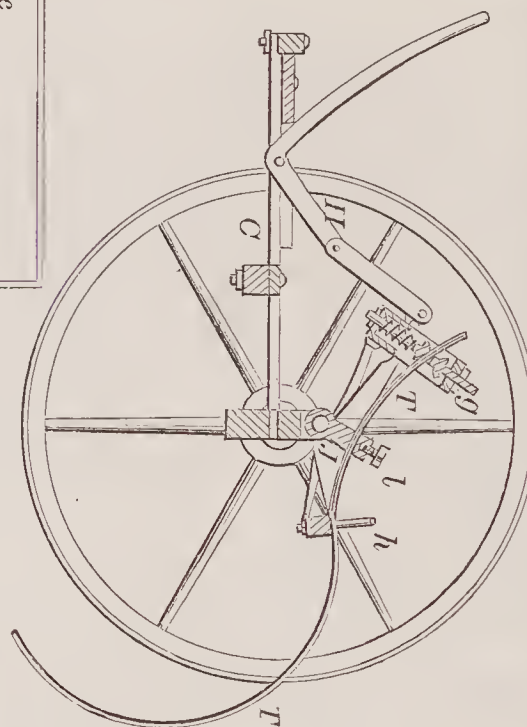
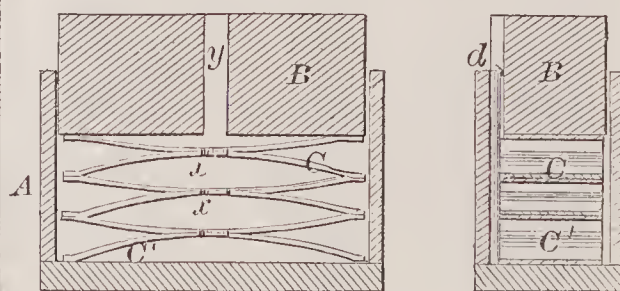


65567—H. J. Harwood—*Screw Machine.*

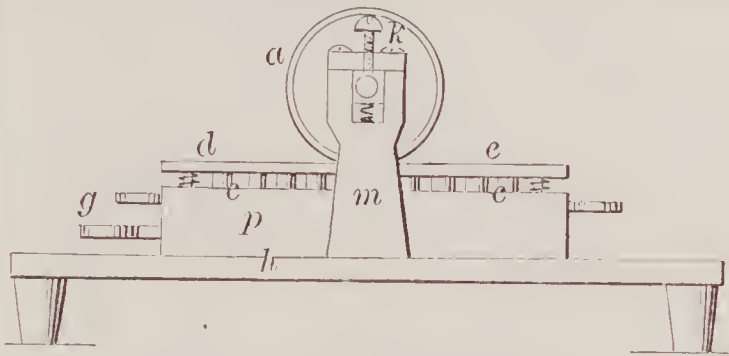


65566—Harris & Mosher—*Door Holder.*

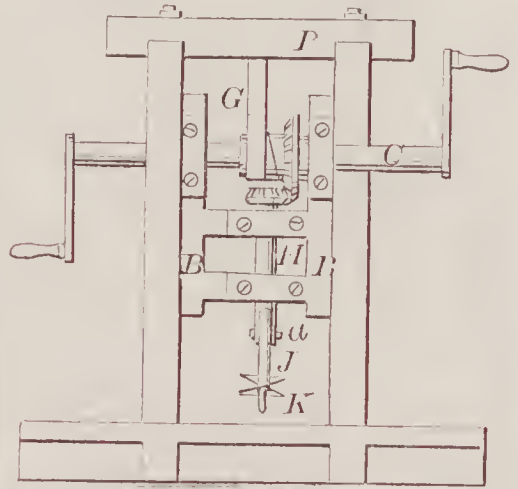


65568—H. R. Hawkins—*Lathe for Turning Wood.*65569—A. Healy—*Lifting Jack.*65572—G. W. Holden—*Water Wheel.*65571—H. Helm—*Feed Cutter.*65570—A. E. Heberd—*Well Tube.*65573—J. Hollingsworth—*Horse Rake.*65574—E. J. Horner—*Car Spring.*

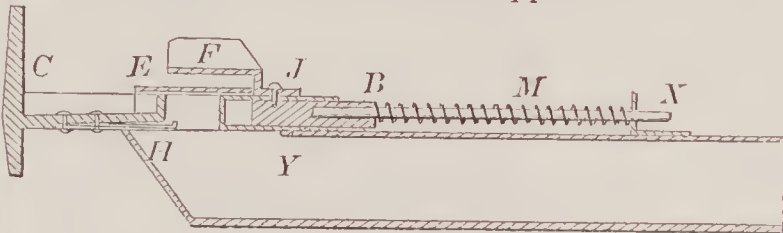
65575—Howell & Carter—Lozenge Machine.



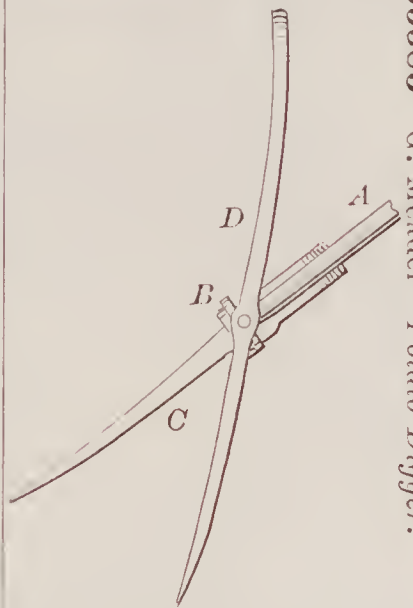
65577—Killgore, Clapsaddle & Snart—Post Hole Auger.



65578—R. B. Killin—Corn Dropper.



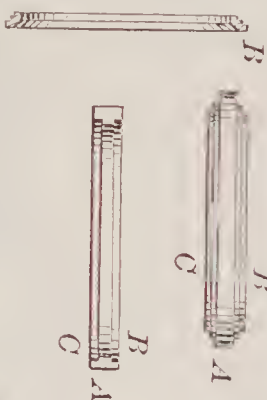
65583—G. Meader—Potato Digger.



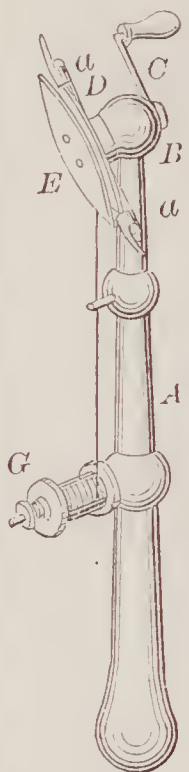
65581—W. P. Lewis—Casting Taperes.



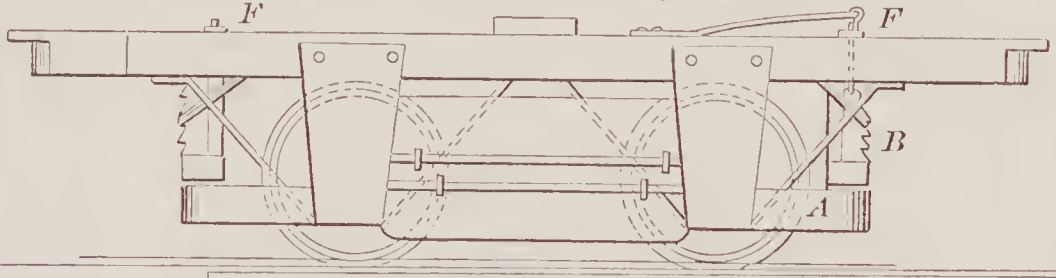
65579—G. W. Ladd—Making Side Bands of Watch Cases.



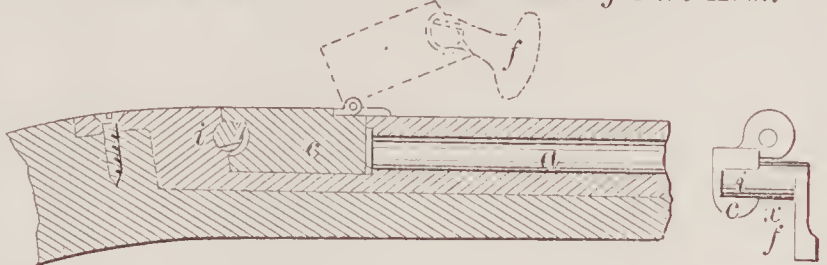
65576—H. P. Jones—Winding Tattling Shuttles.



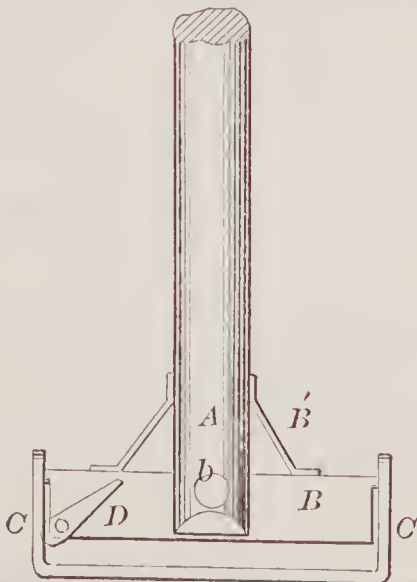
65582—S. Males—Safety Guard for Railway Cars.



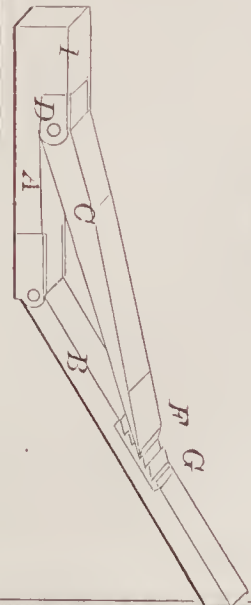
65585—I. M. Milbank—Breech-Loading Fire Arm.



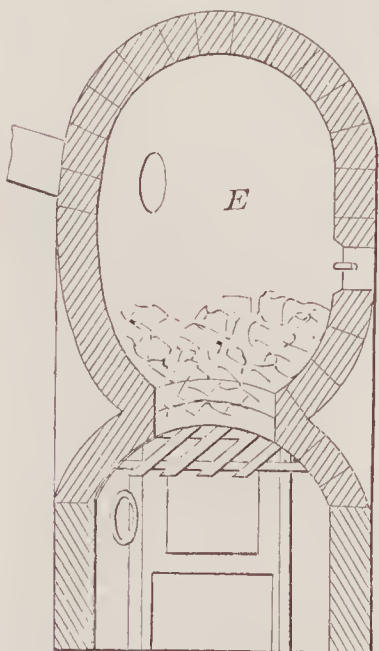
65584—G. Meader—Mop Head

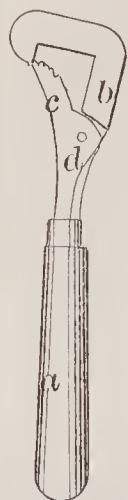


65587—I. G. Northway—Threshing Machine.



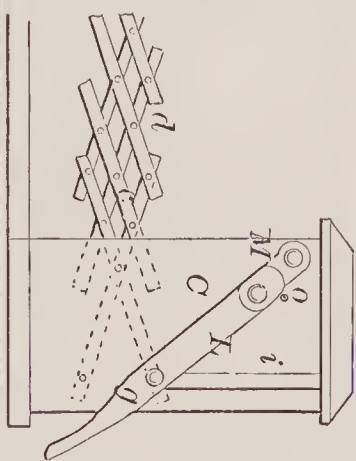
65586—E. W. Nohl—Furnace for Reducing Ores.



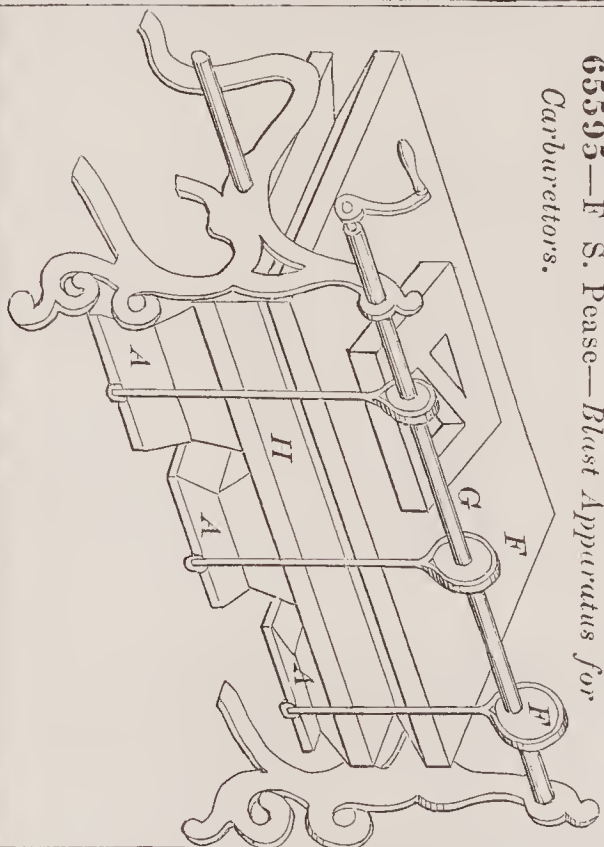
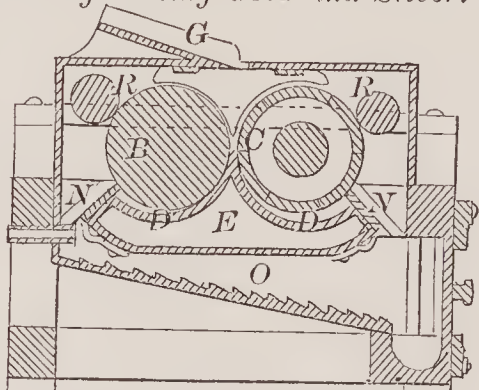


65588—A. M. Olds—Self-Adjusting Wrench.

65591—C. H. Paine—Gate.

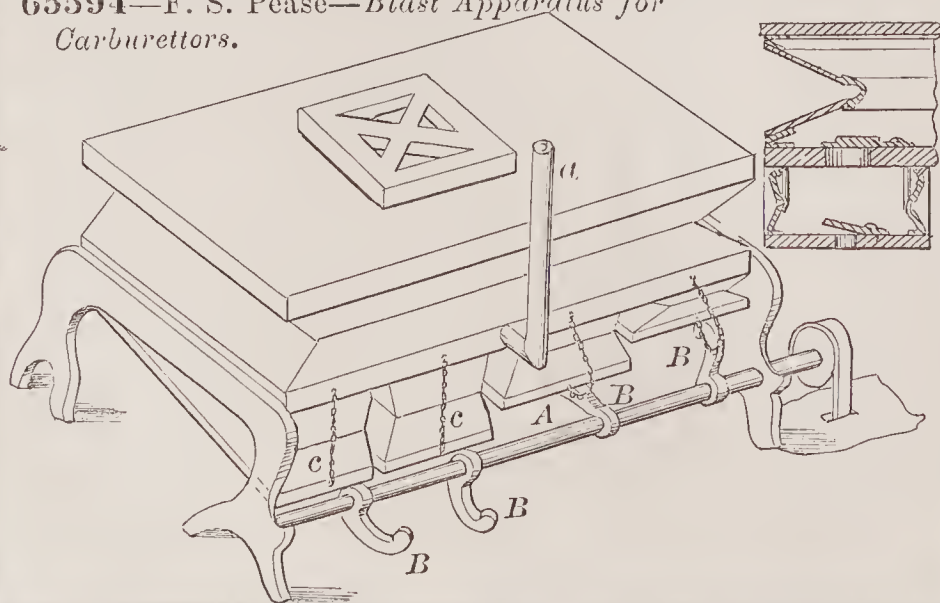


65593—Parrott & Bordman—For Amalgamating Gold and Silver.

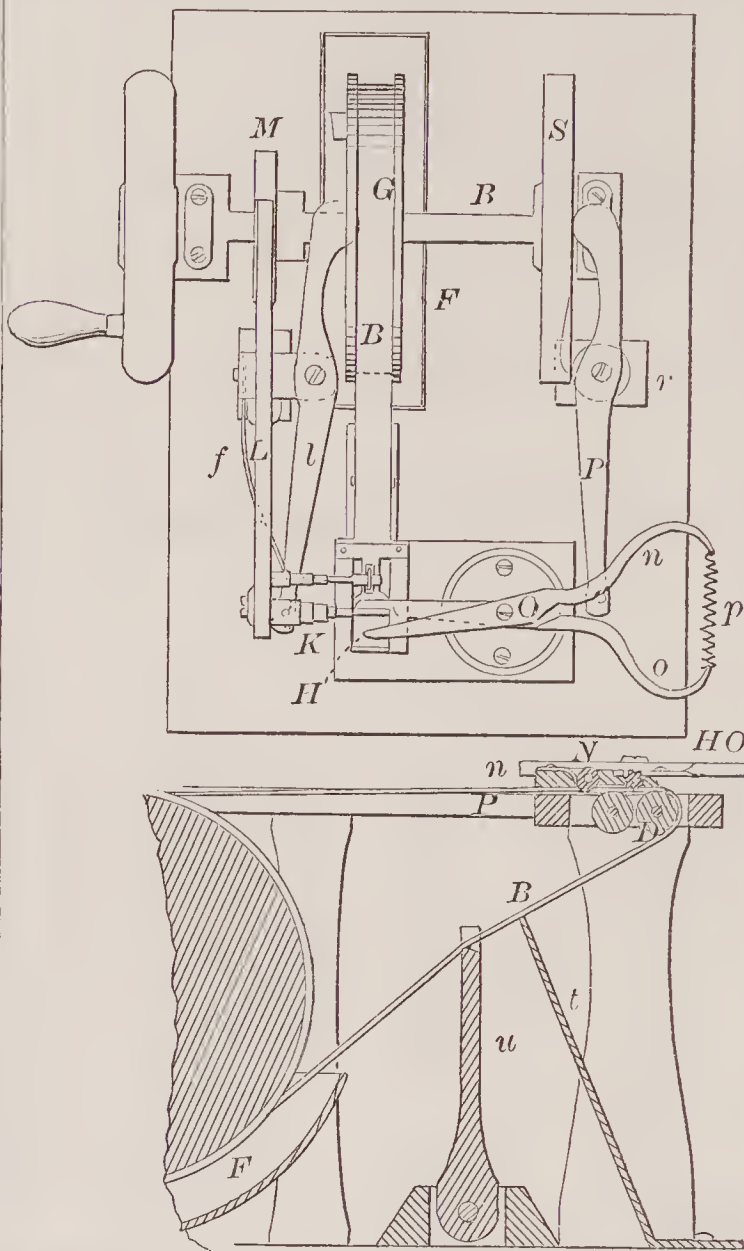


65595—F. S. Pease—Blast Apparatus for Carburetors.

65594—F. S. Pease—Blast Apparatus for Carburetors.



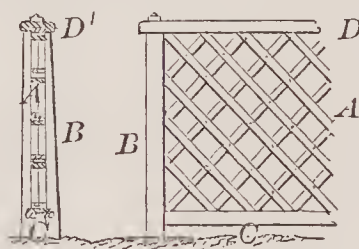
65590—J. A. Olney—For Making Paper Tubes.



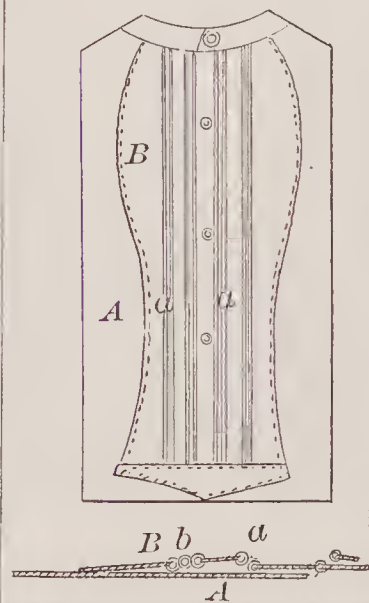
65589—A. M. Olds—Pliers.



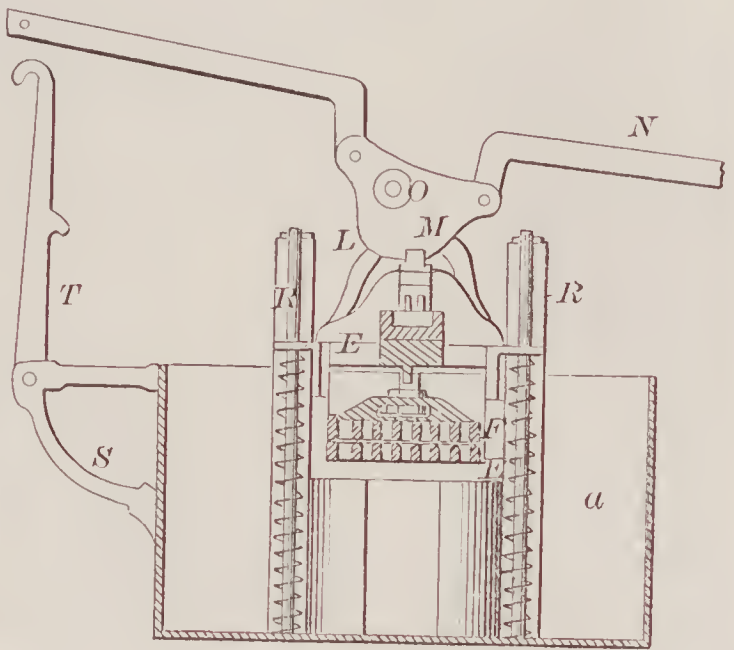
65592—C. H. Paine—Fence.



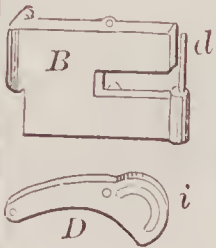
65596—G. B. Perkins—Shirt Bosom.



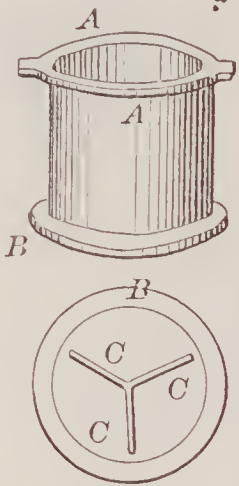
65598—E. S. Piper—For Hardening Saws.



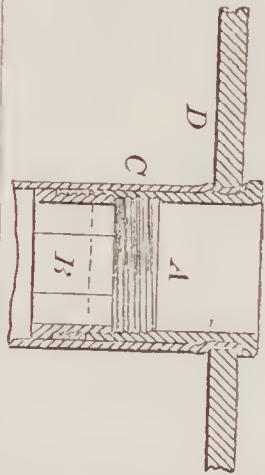
65601—J. W. Powers—Hinge.



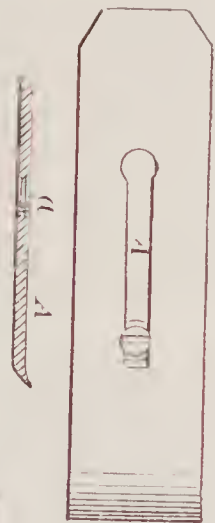
65597—C. W. Pierce—Pot for Charring Bones.



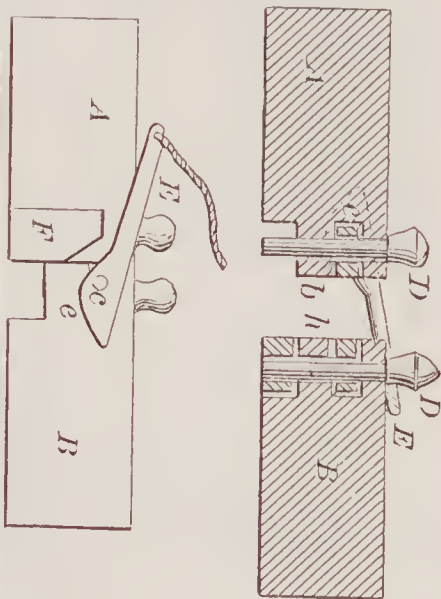
65603—P. Quinn—Ferrule for Stopping Leaks in Boiler Tubes.



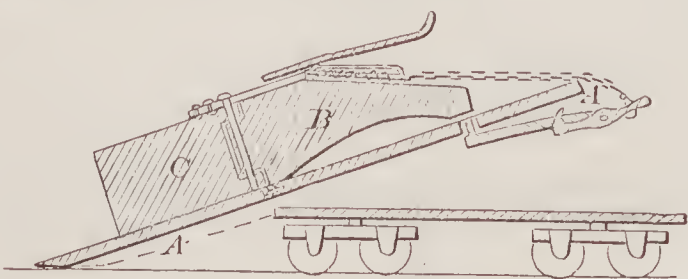
65604—N. B. Reynolds—Plane Iron.



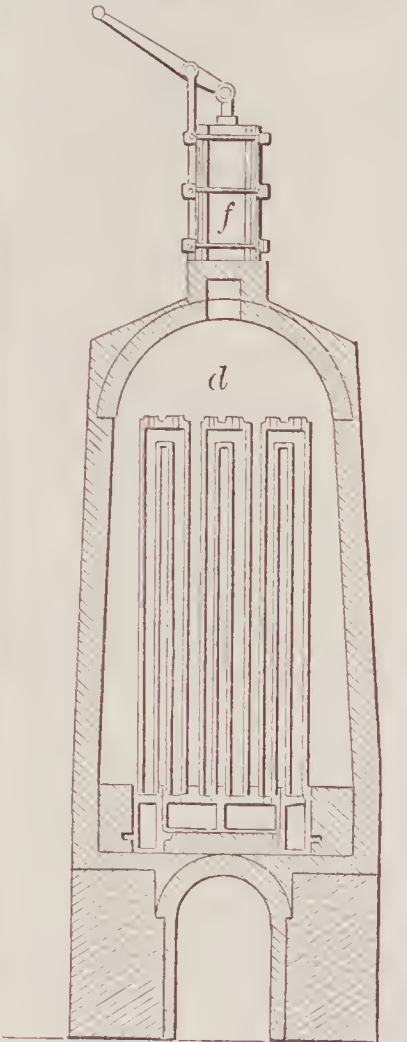
65602—S. Puffer—Car Coupling.



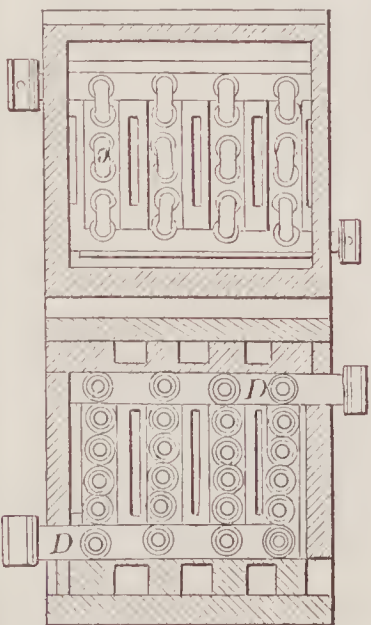
65605—S. Richards—Snow Plow.

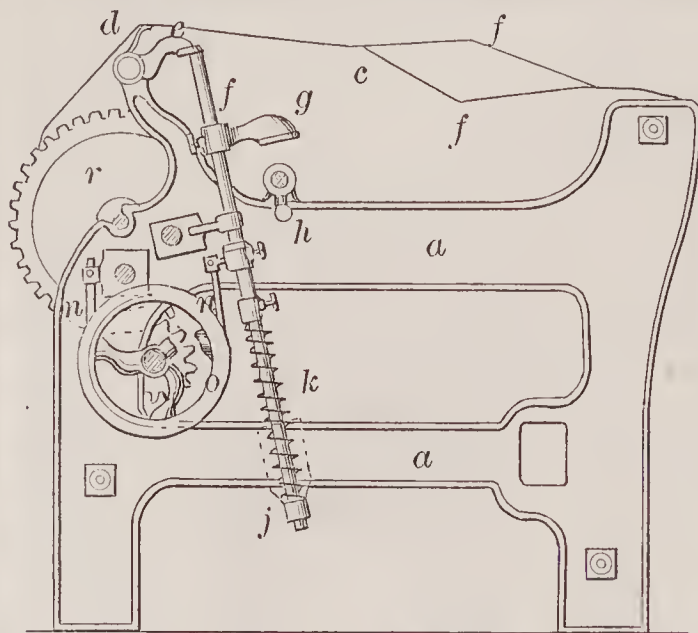
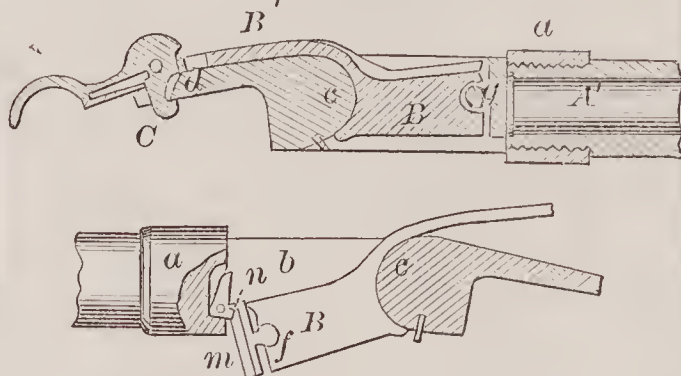
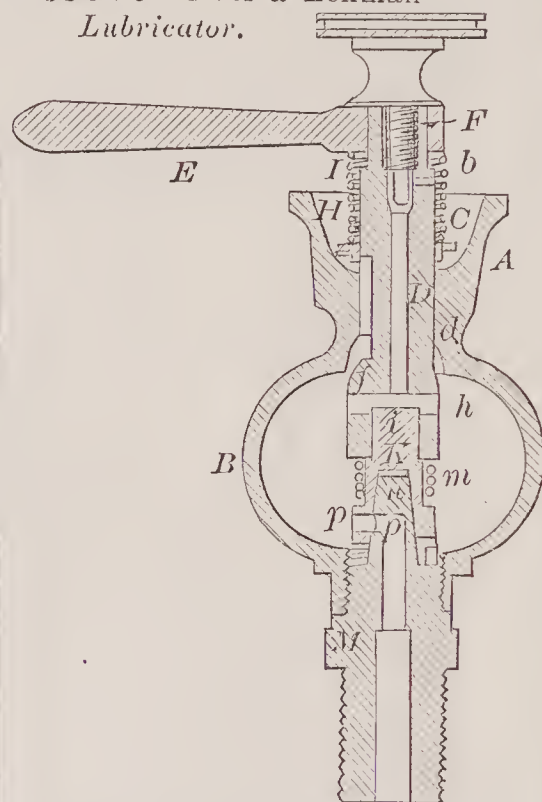
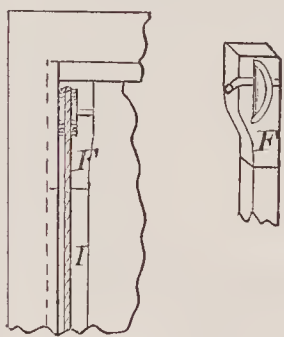
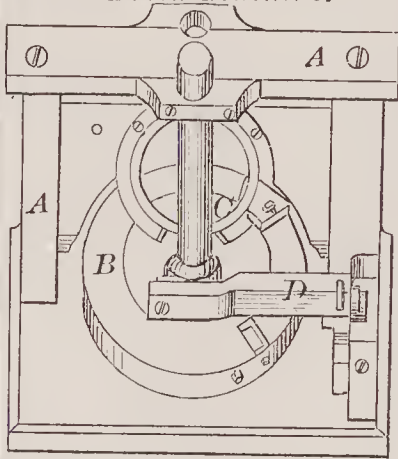
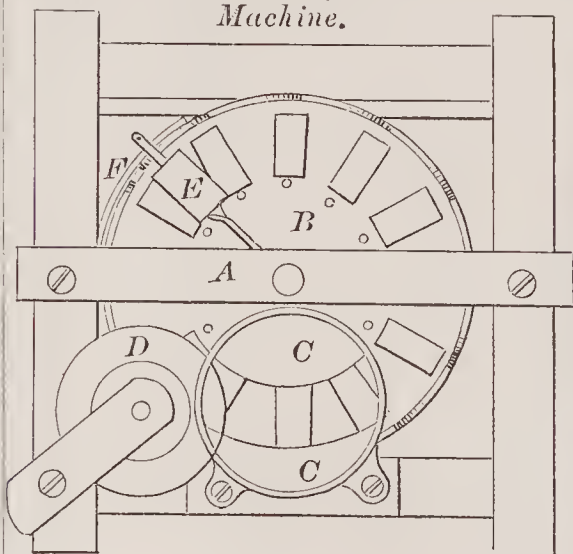
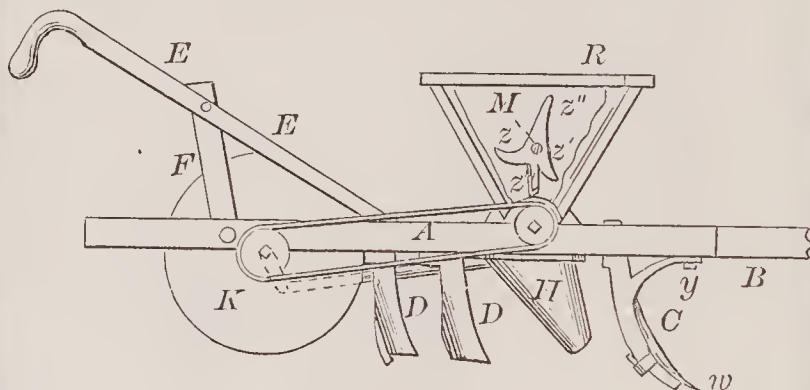
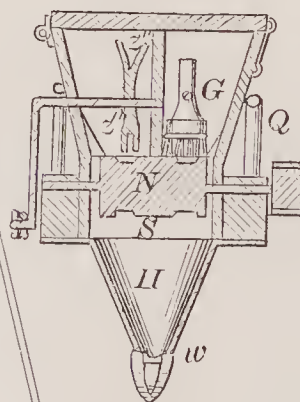
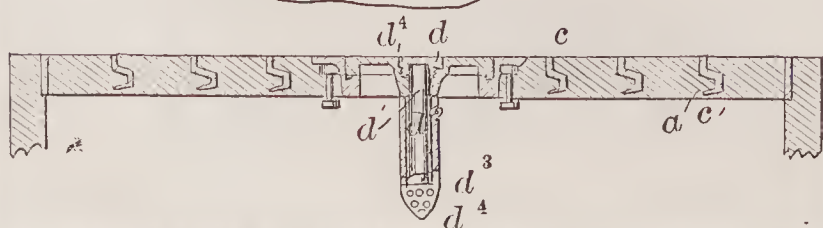
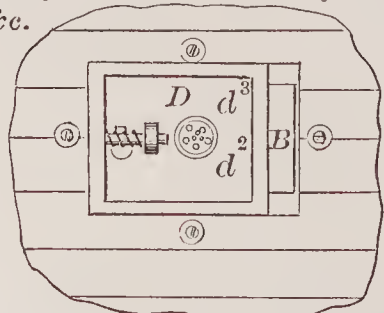


65599—J. Player—Hot Blast Stove.



65600—For Heating Furnace Blasts.



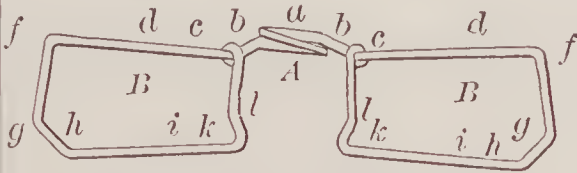
65606—G. Richardson—*Let-off for Looms.*65607—B. S. Roberts—*Breech-Loading Fire Arm.*65609—Ross & Lehman—*Lubricator.*65608—W. Robertson—*Hanging Window Sash.*65612—H. C. Sergeant—*Brick Machine.*65613—H. C. Sergeant—*Brick Machine.*65610—A. P. Routt—*Seeding Machine and Fertilizer.*65611—J. Ryan—*Scuttle Door for Buildings, Dry Docks, &c.*65614—R. Shaler—*Gridiron Cover.*

65615—

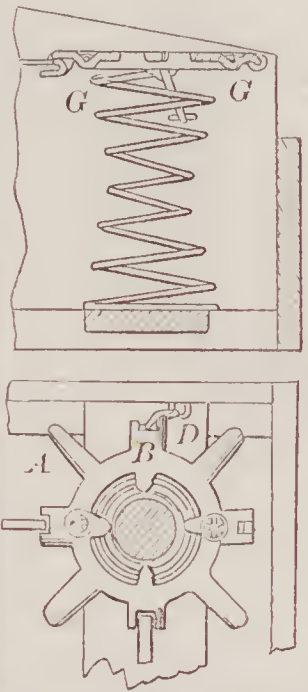
W. H. Shurtleff—
Button Lacing Hook.



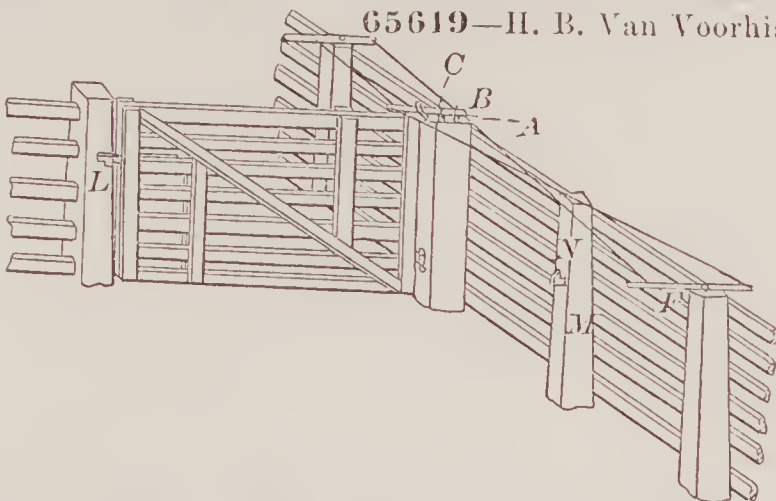
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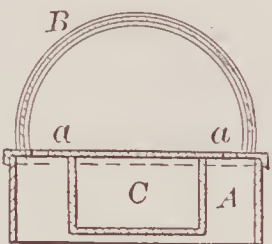
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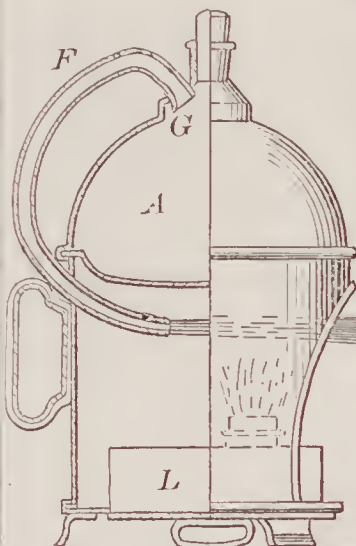
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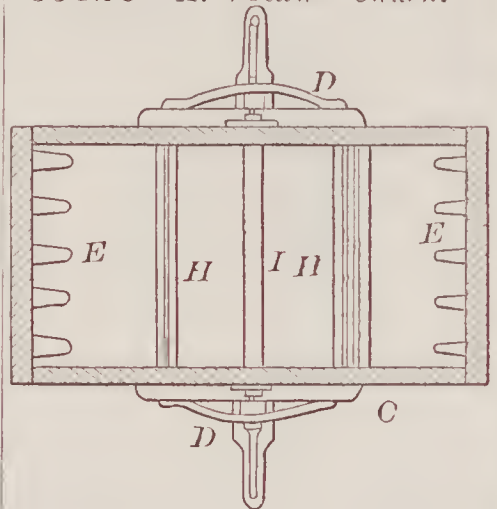
65618—J. H. Treadwell—
Tart Cutter.



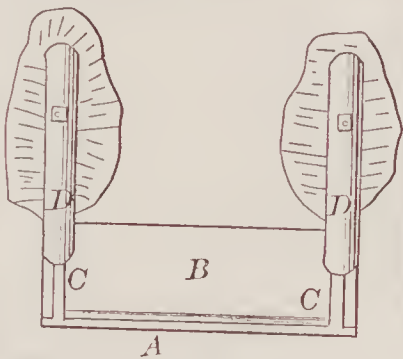
65621—W. W. Wakenan, Jr.—Lamp
for Burning off Paint.



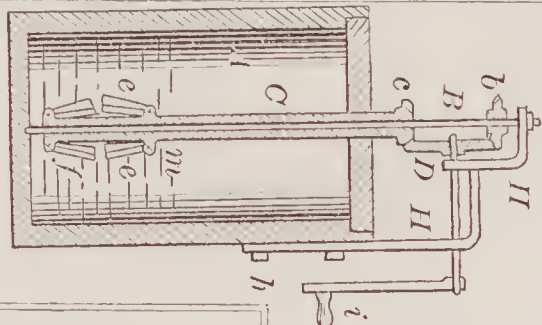
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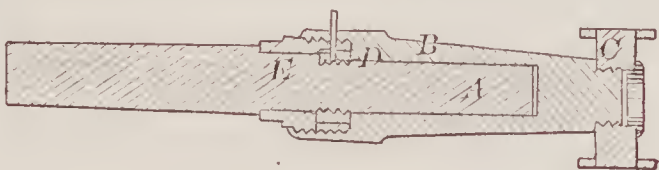
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Foot Scraper.



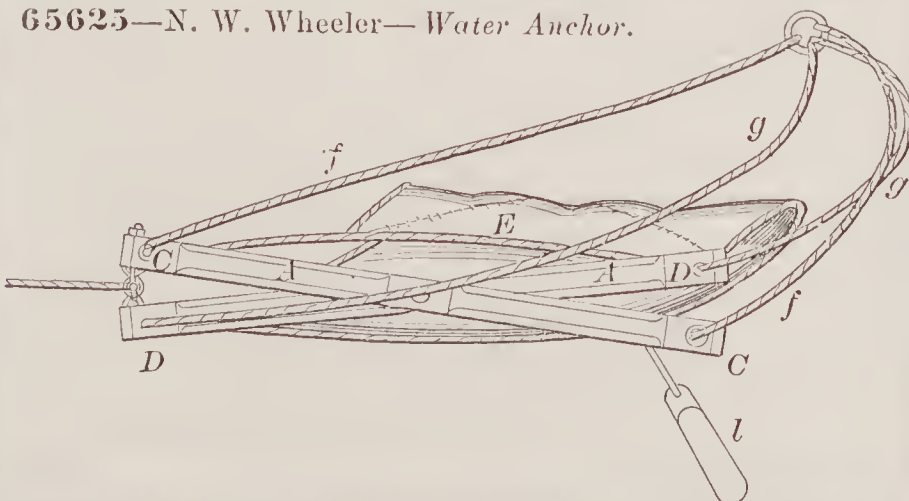
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C. E. Warner—
Churn.



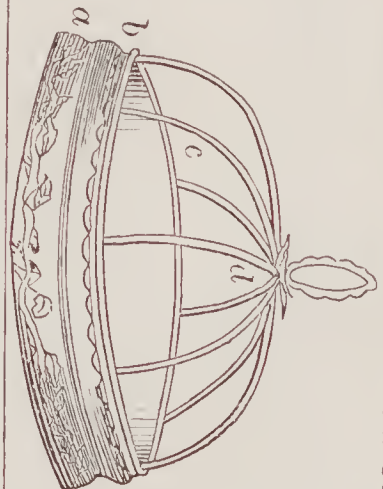
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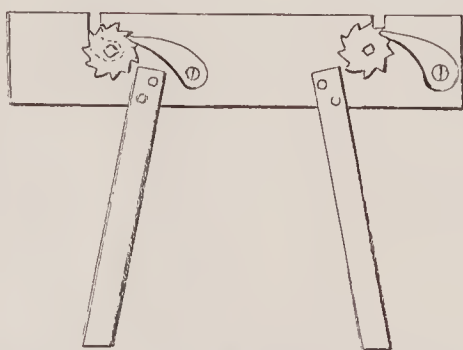
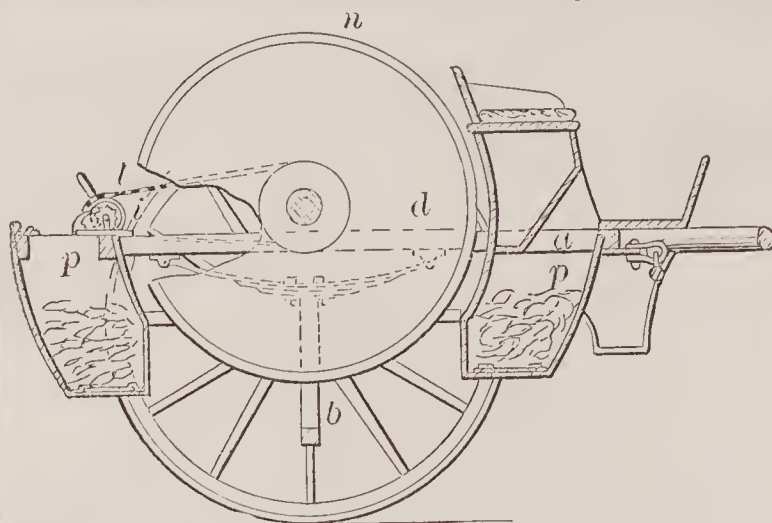
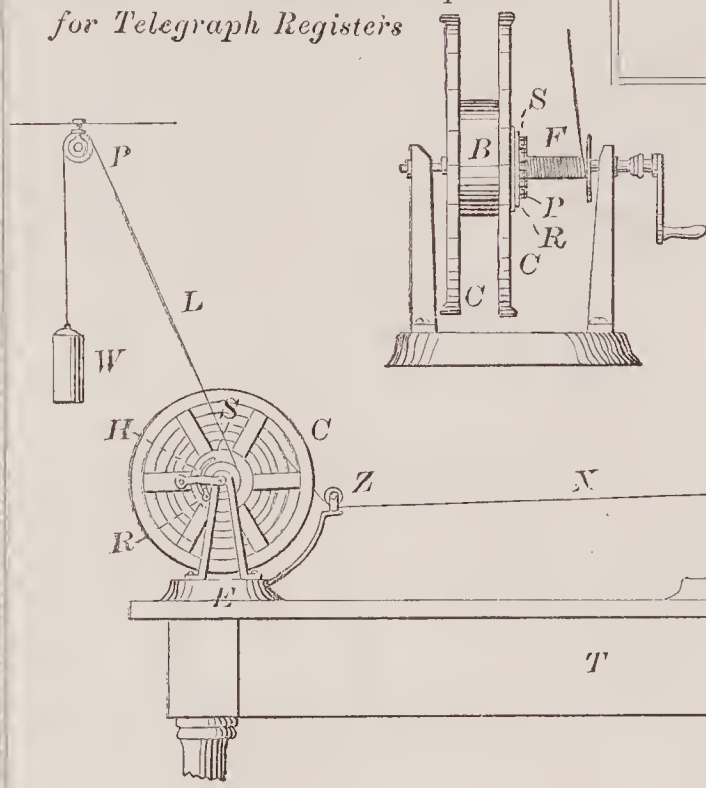
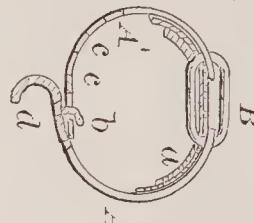
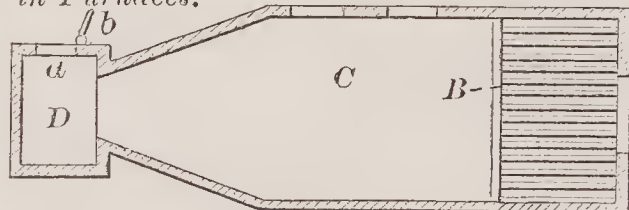
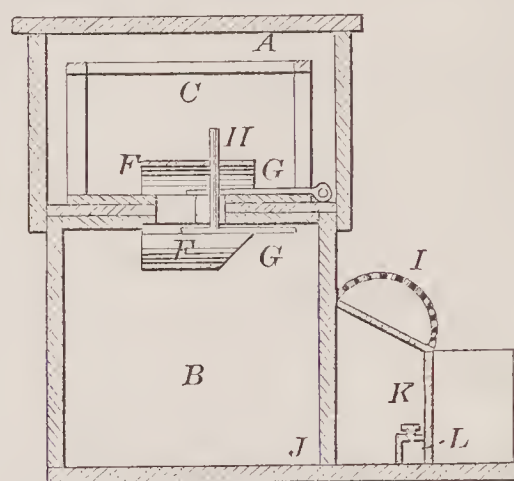
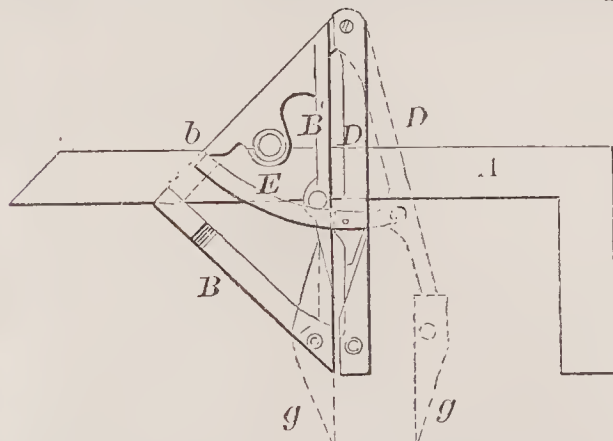
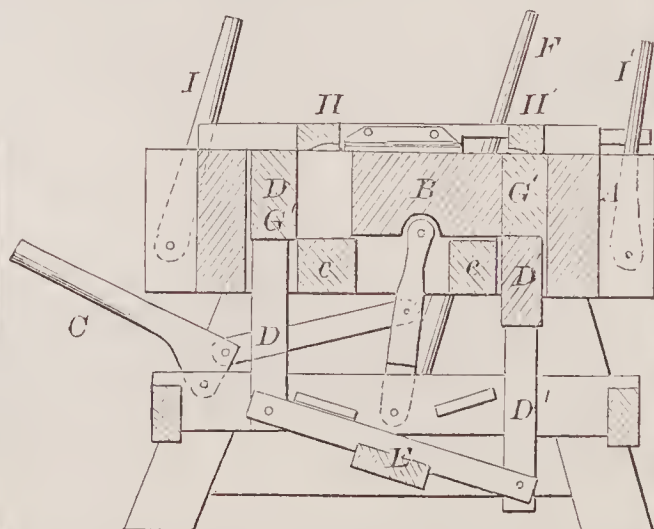
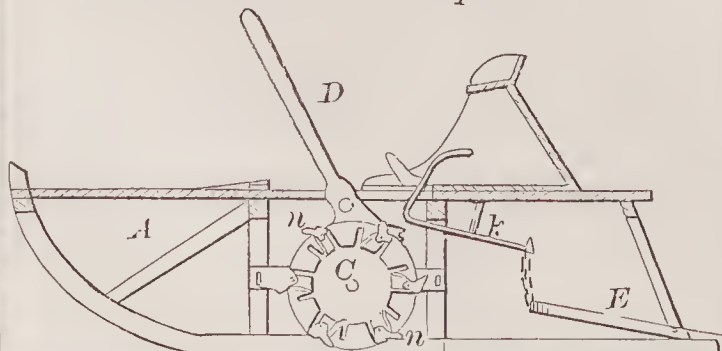


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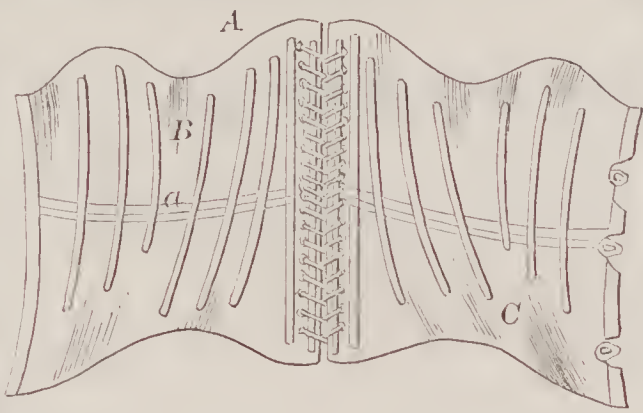


65626—W. H. White—Dish Cover.

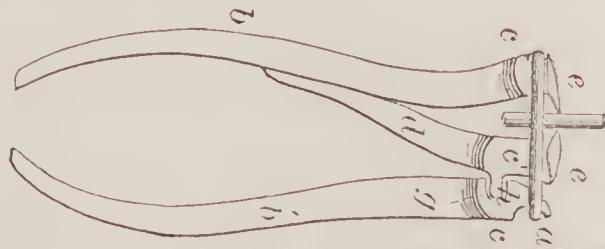


65627—A. S. Winner—*Quilting Frame.*65634—N. S. Bean—*Hose Carriage.*65628—L. W. Worth—*Paper Reel for Telegraph Registers*65632—D. B. Baker—*Bag Fastener.*65630—J. C. Bagnall—*Checking the Draught in Furnaces.*65629—W. J. Andrews—*Beehive.*65631—D. A. B. Bailey—*Combination Square.*65635—C. Becker—*Brick Press.*65633—J. Bannhr—*Velocipede Sled.*

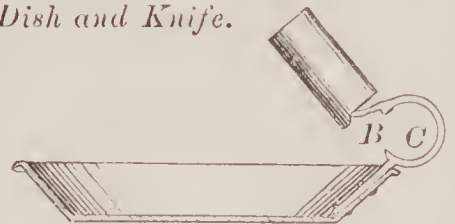
65636—M. H. Beckworth—*Corset.*



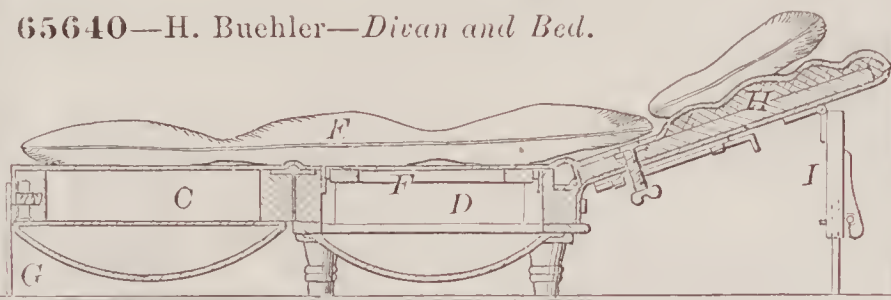
65638—P. Broadbooks—*Wire Cutting Pincers.*



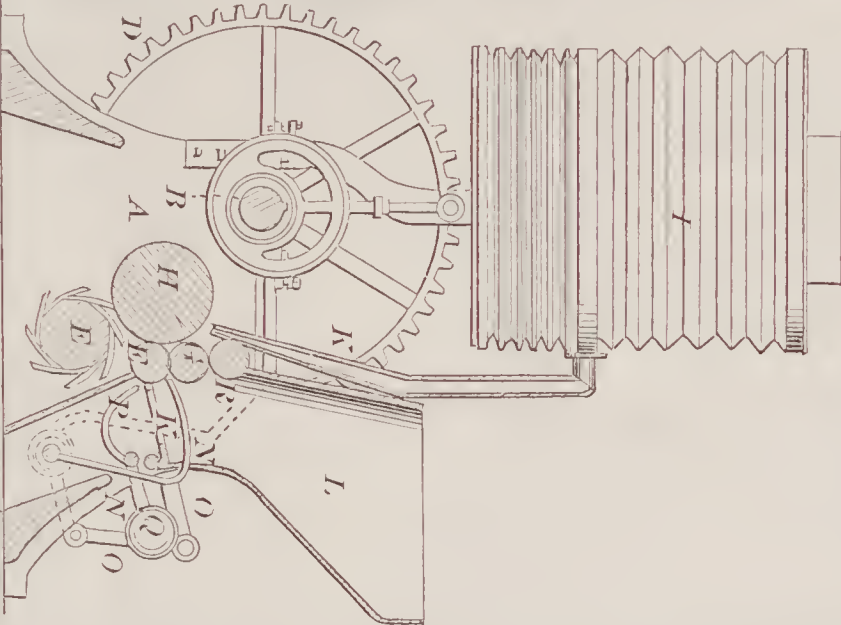
65636—E. L. Bolster—*Blacking Dish and Knife.*



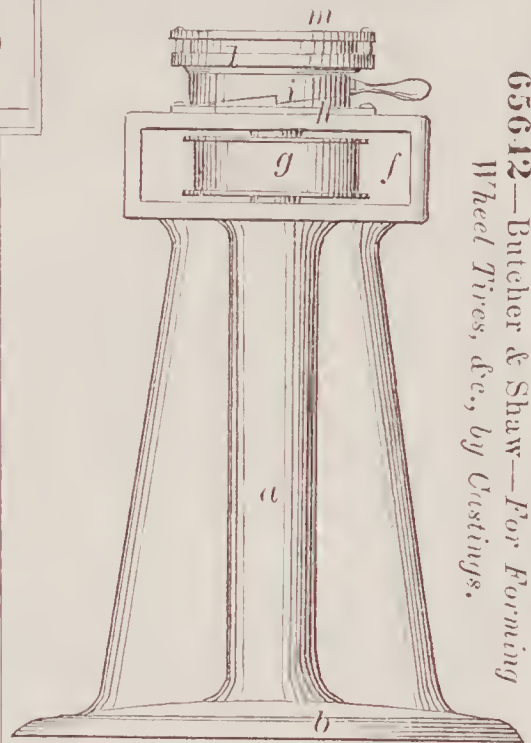
65640—H. Buehler—*Divan and Bed.*



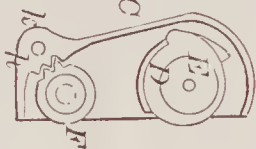
65643—J. A. Chauffourier—*Cotton Gin.*



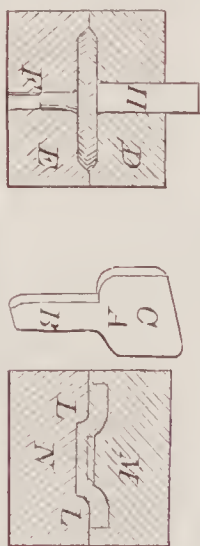
65642—Butcher & Shaw—*For Forming Wheel Tires, &c., by Castings.*



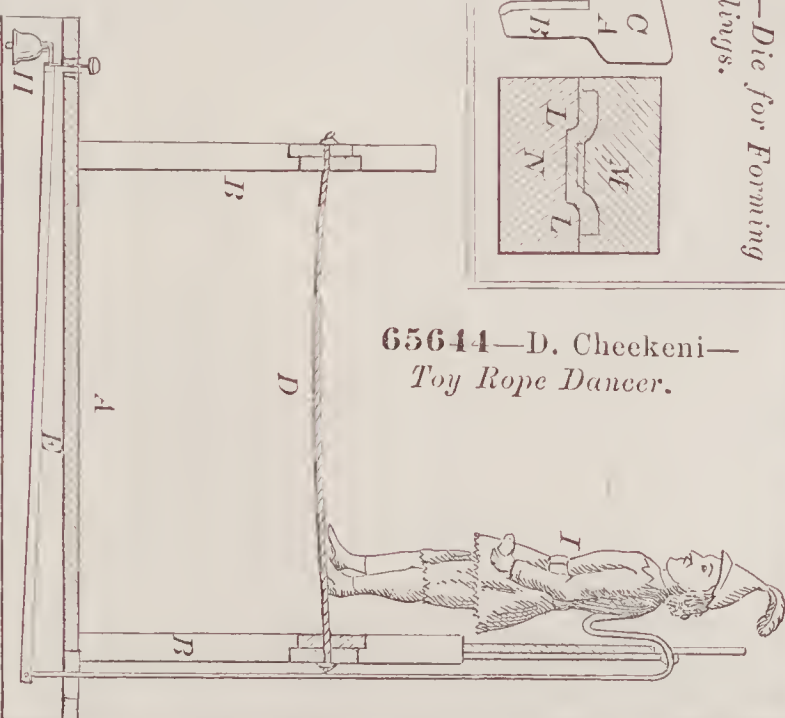
65645—C. B. Clark—*Sash Lock.*



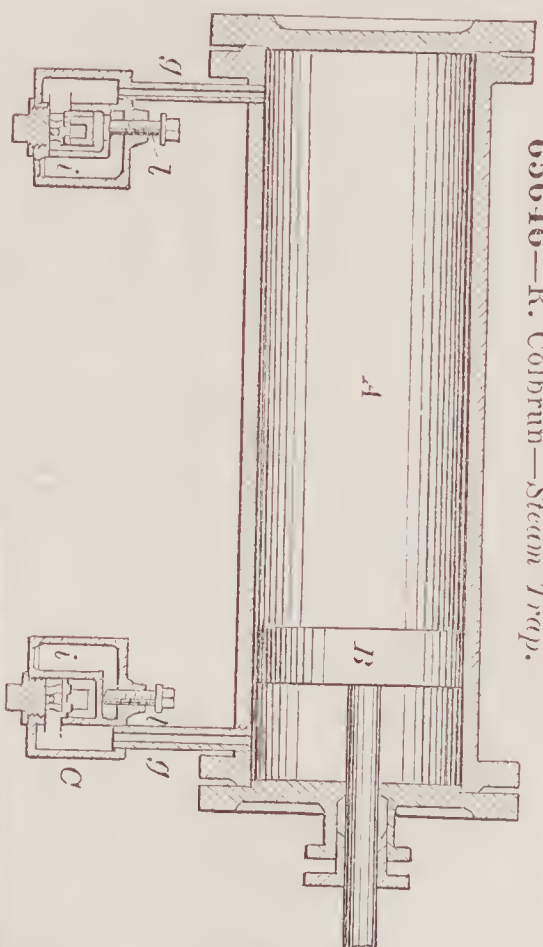
65641—L. Burns—*Die for Forming Thill Couplings.*



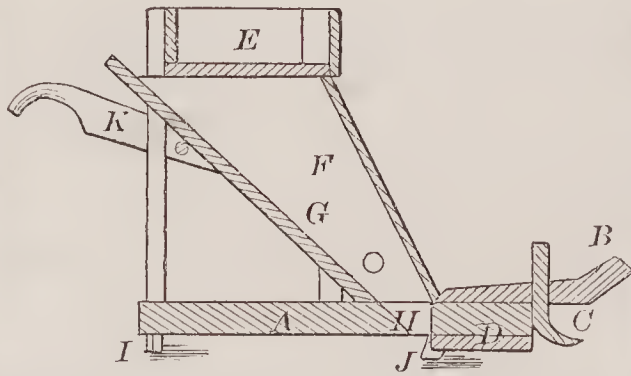
65644—D. Cheekeni—*Toy Rope Dancer.*



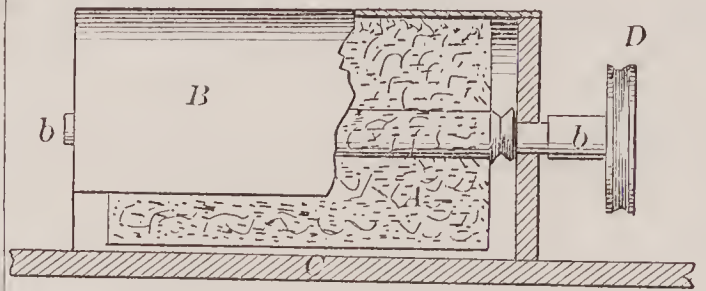
65646—R. Colbrun—*Steam Trap.*



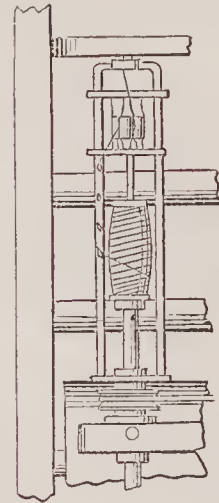
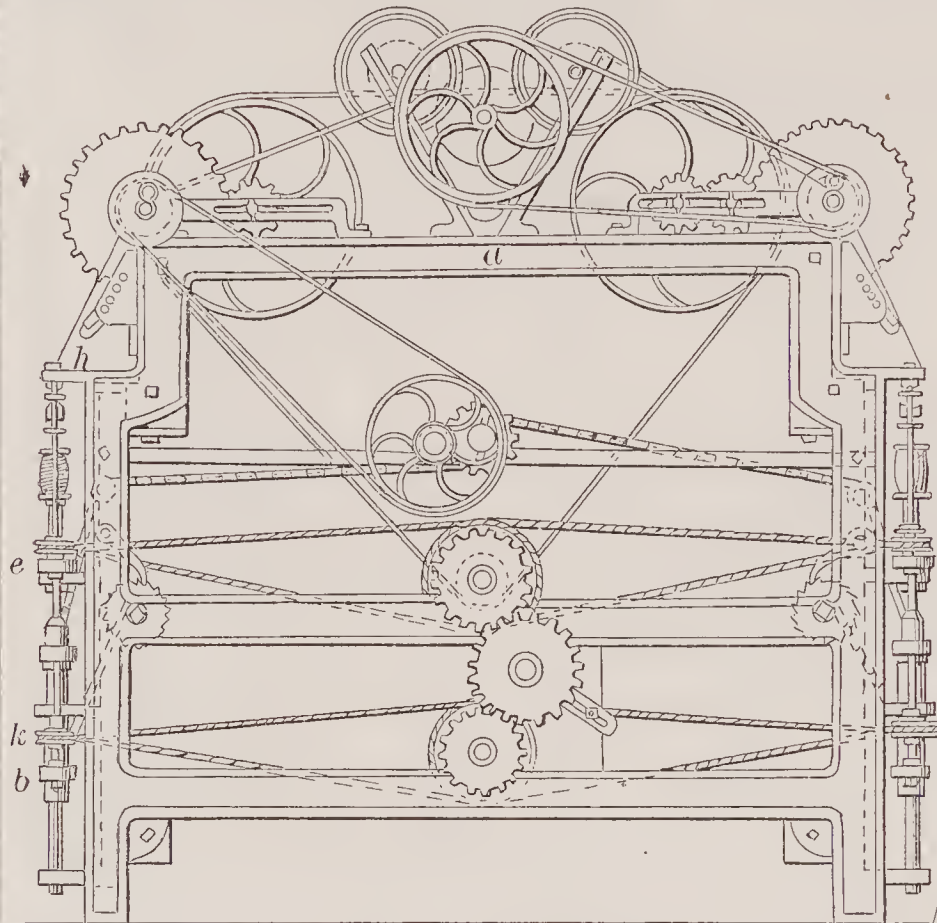
65647—J. A. Cox—Cotton Seed Planter.



65649—G. H. Cross—Rotary Dough Dresser.

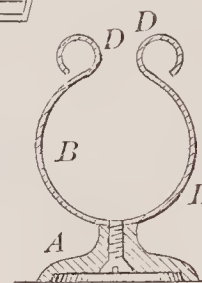
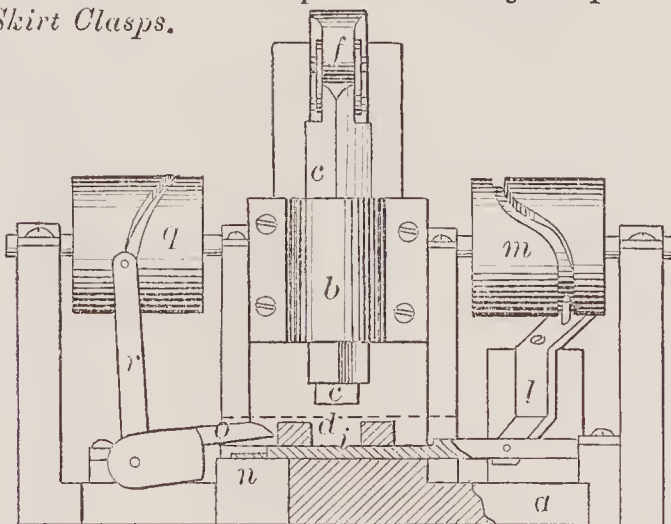


65650—J. E. Crowell—Spinning Frame.



65648—S. F. Craig—Well Tube.

65652—A. Delkeseamp—For making Hoop Skirt Clasps.

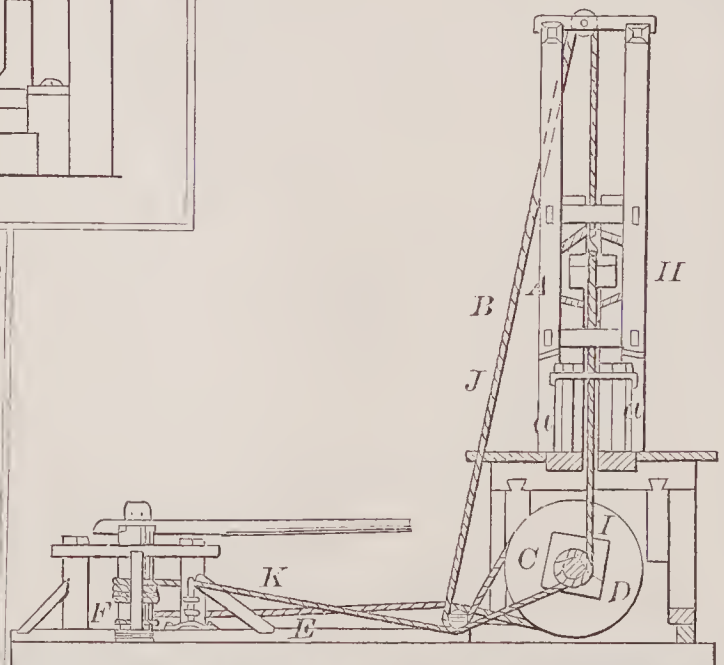


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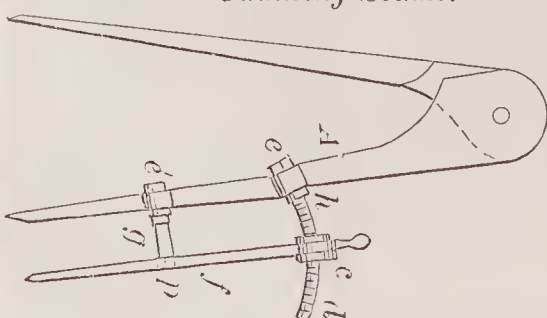


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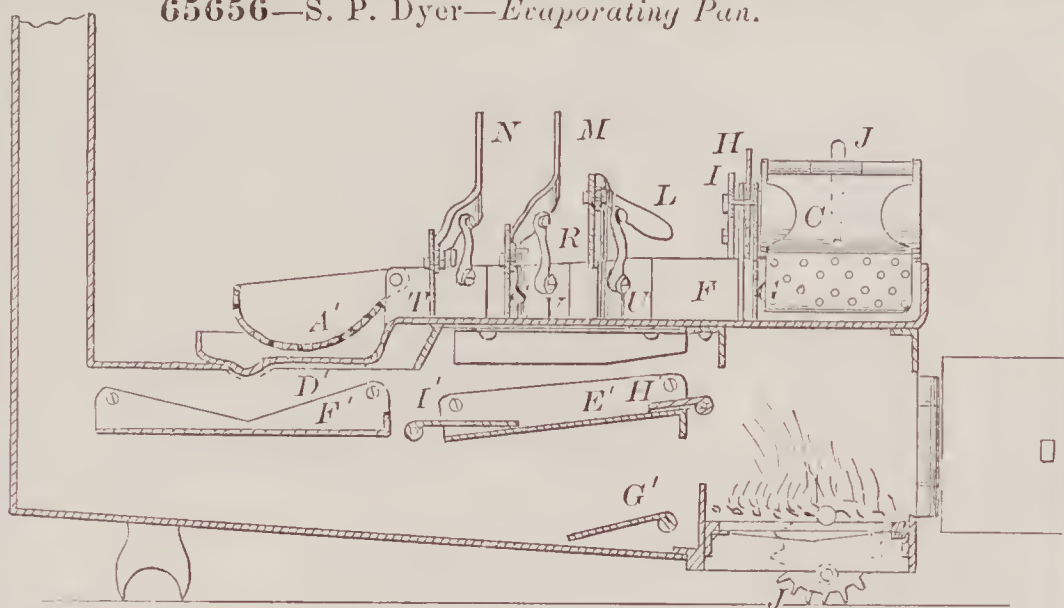
65655—J. C. Duvoll—Cotton Press.



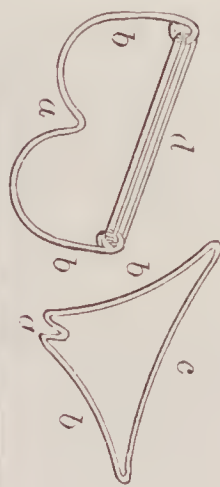
65654—G. Dowling—Compass used in Caulking Seams.



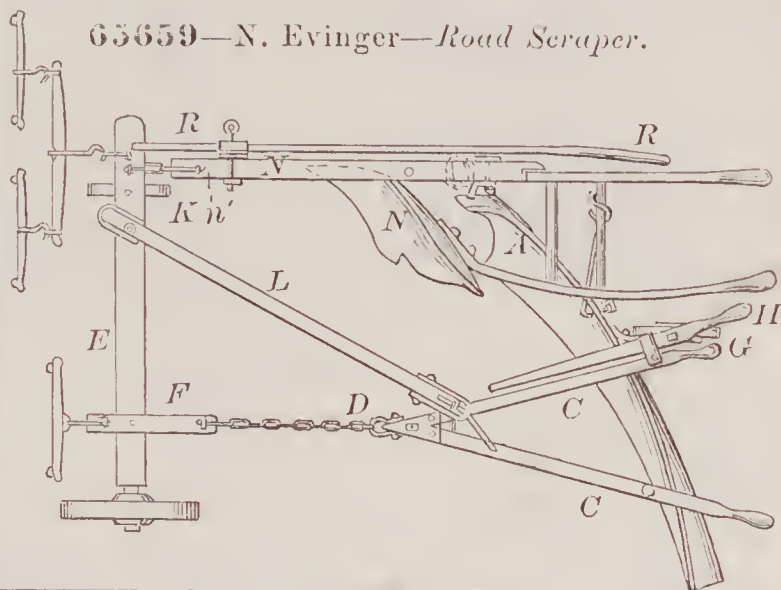
65656—S. P. Dyer—*Evaporating Pan.*



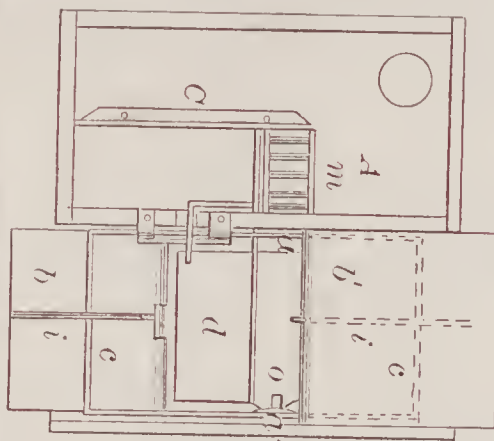
65663—A. D. George—*Scarf Supporter.*



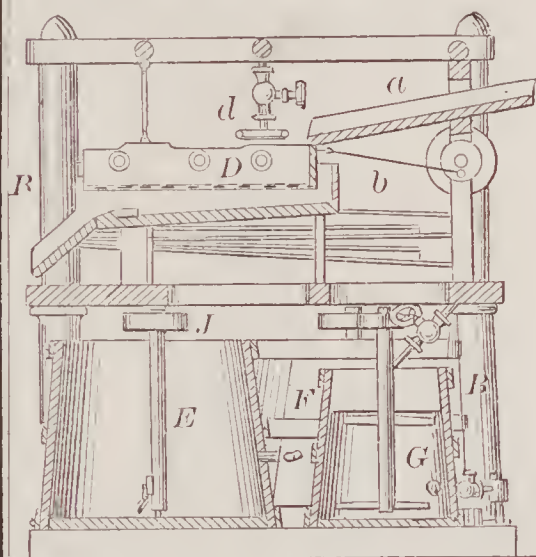
65659—N. Evinger—*Road Scraper.*



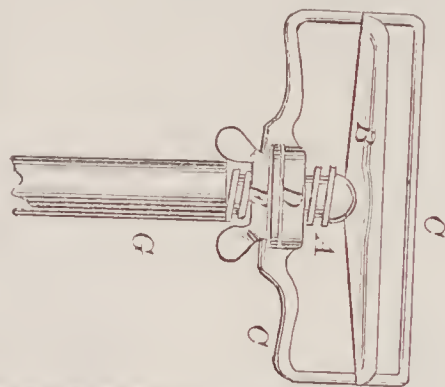
65661—A. Frost—*Animal Trap.*



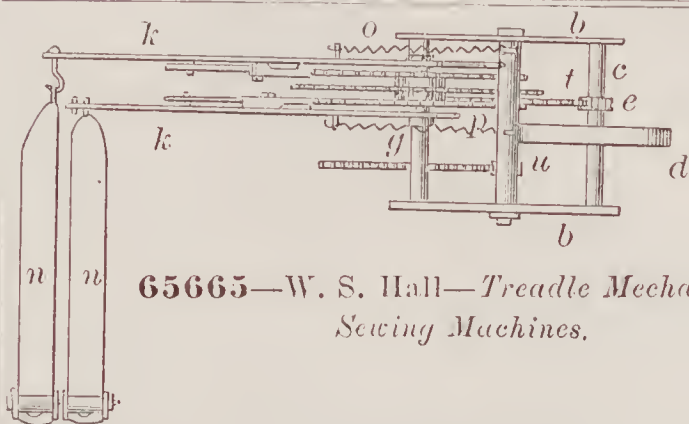
65664—J. J. Gilbert—*Manufacture of Starch.*



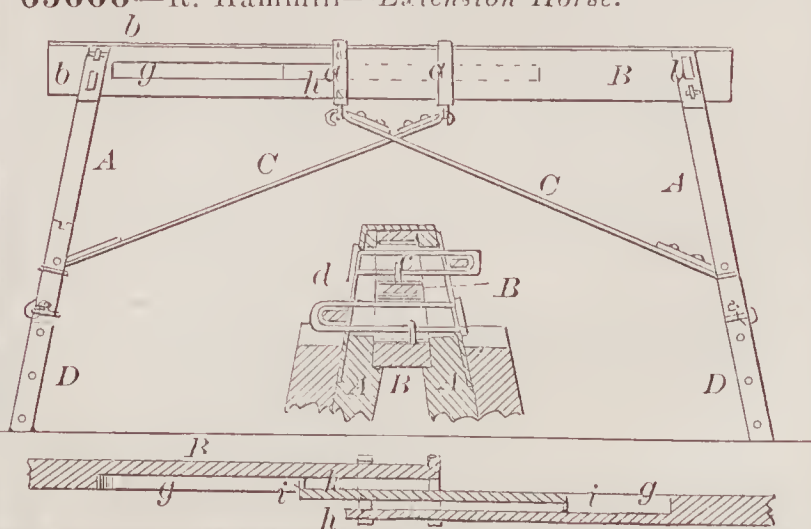
65662—O. S. Garretson—*Mop Head.*

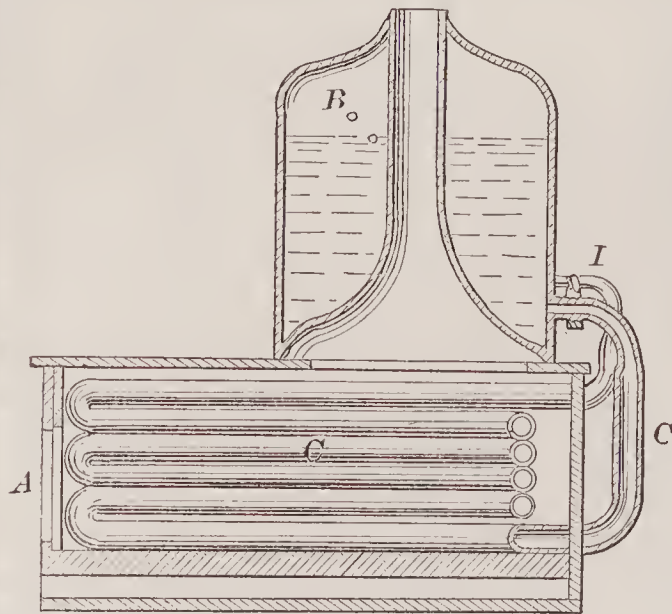
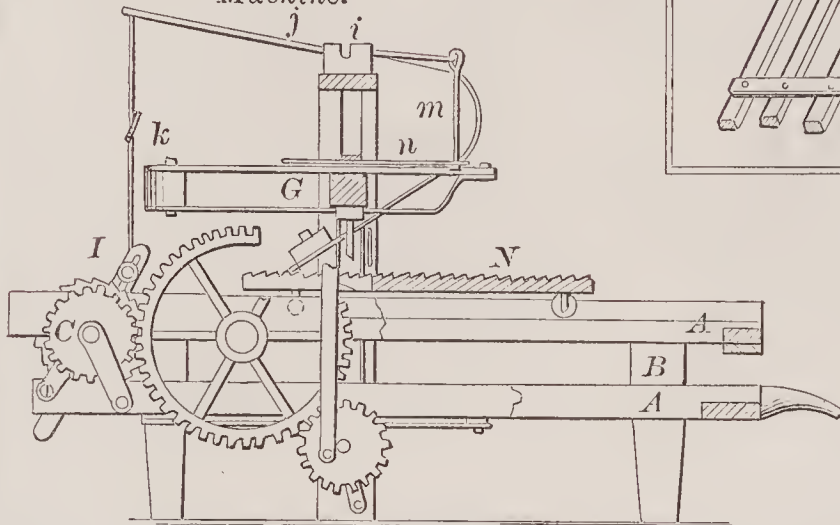
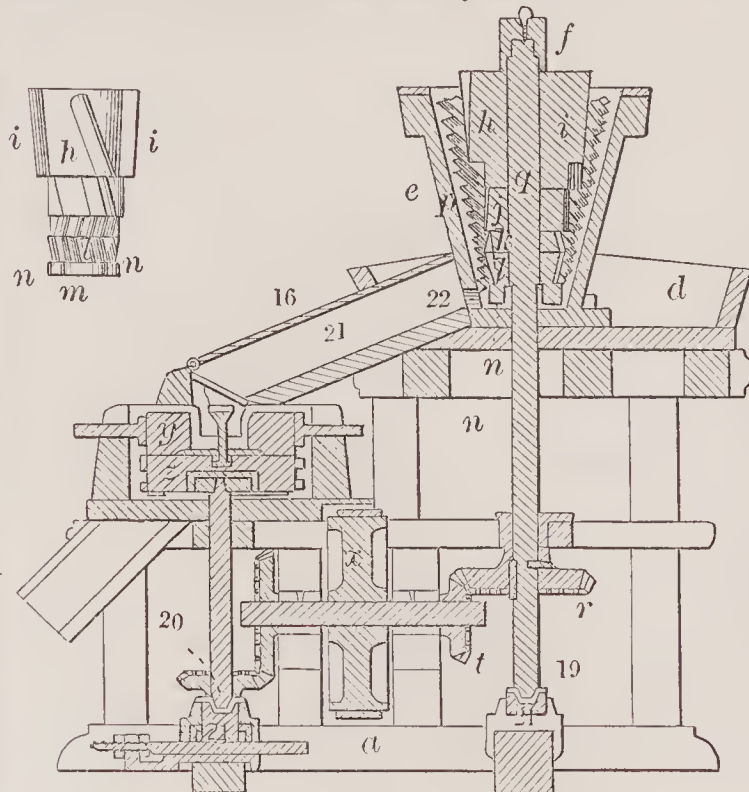
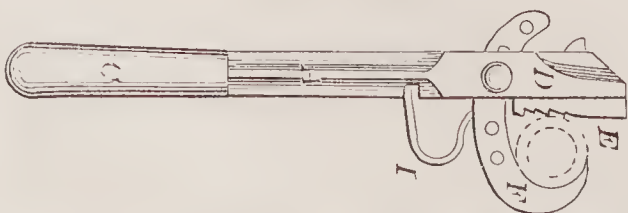
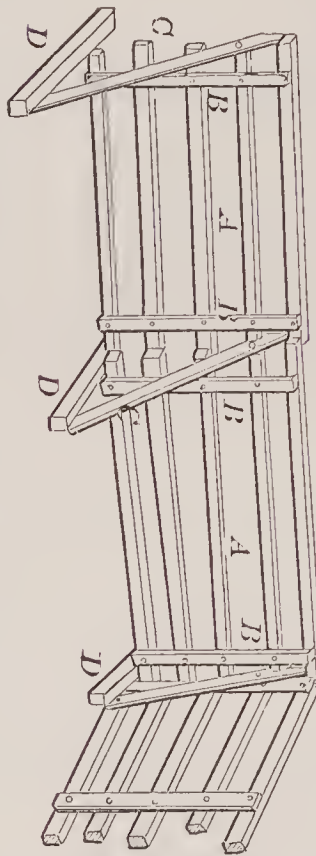
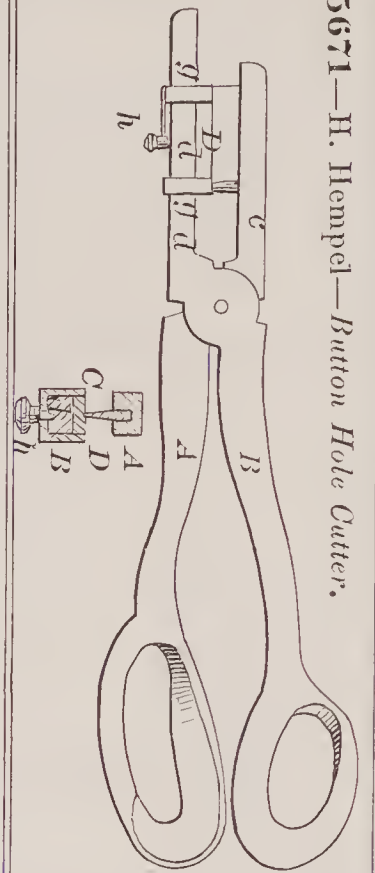
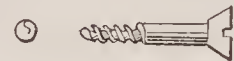
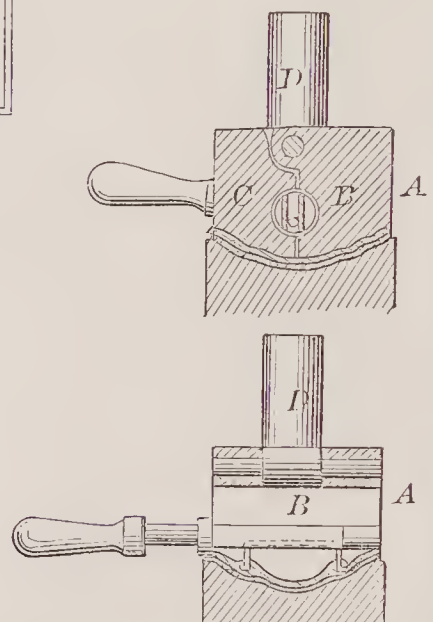
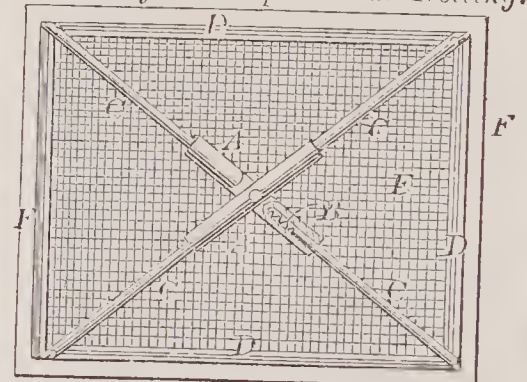


65665—W. S. Hall—*Treadle Mechanism for Sewing Machines.*

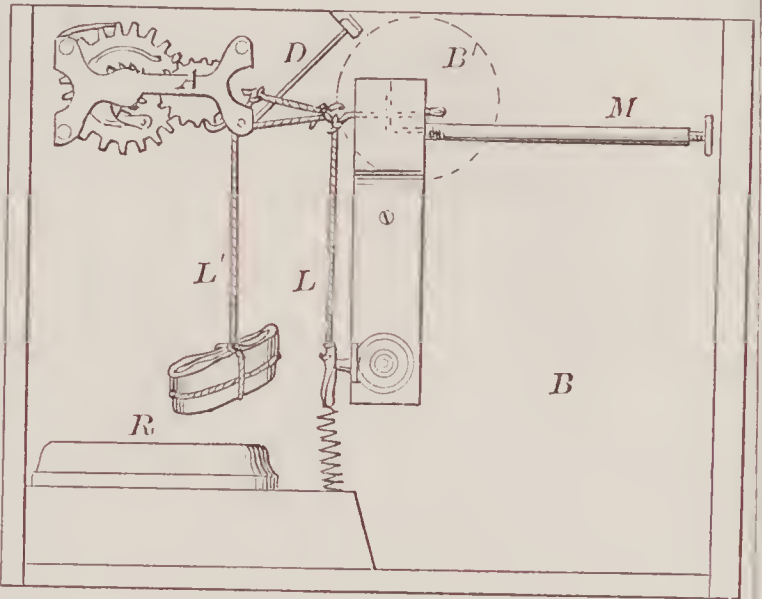


65666—R. Hammill—*Extension Horse.*

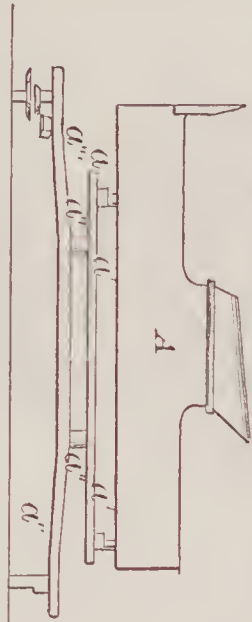


65667—S. T. Harker—*Steam Heating Apparatus.*65669—H. Hassenpflug—*Sawing Machine.*65675—Hubbell & Patton—*Quartz Mill.*65678—G. B. Keeler—*Wrench.*65670—J. Hancock—*Field Fence.*65671—H. Hempel—*Button Hole Cutter.*65668—H. J. Harwood—*Wood Screw.*65672—Hilbright & Reynolds—*Rosette.*65673—Holland & Hibbs—*Elastic Frame for Mosquito Bar Netting.*65676—A. Jameson—*Screw Box for Vises.*

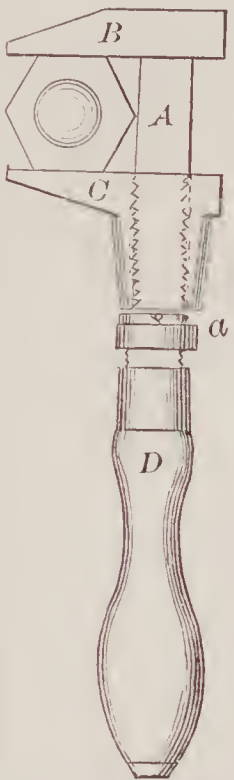
65682—R. Lapham—Automatic Fire Extinguisher.



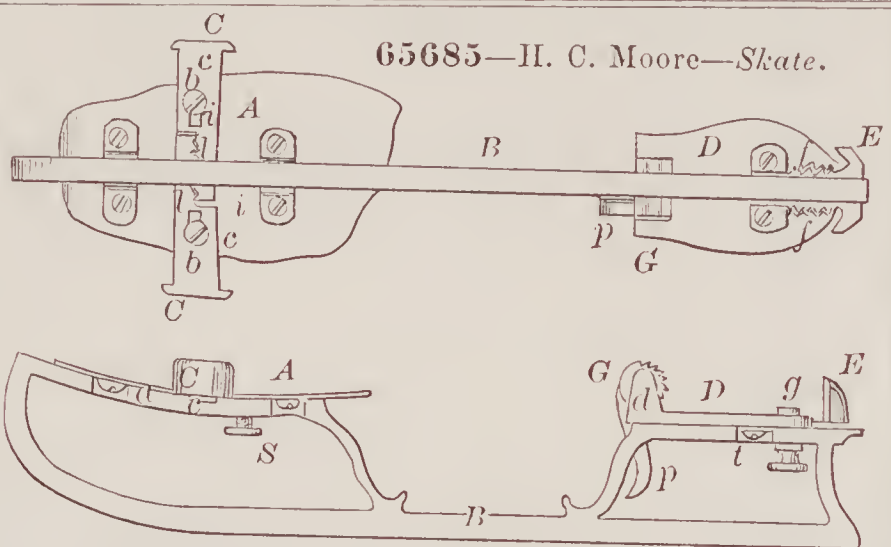
65681—Lansing & Ostrom—Wagon Spring.



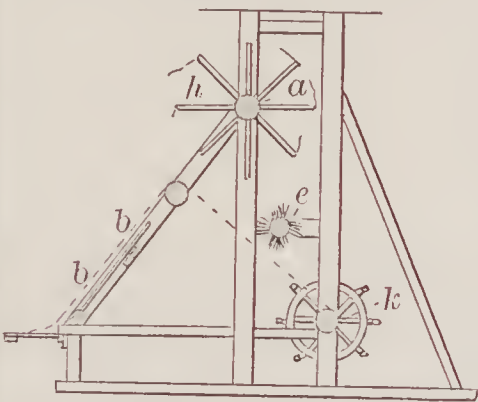
65679—D. A. Kellogg—Wrench.



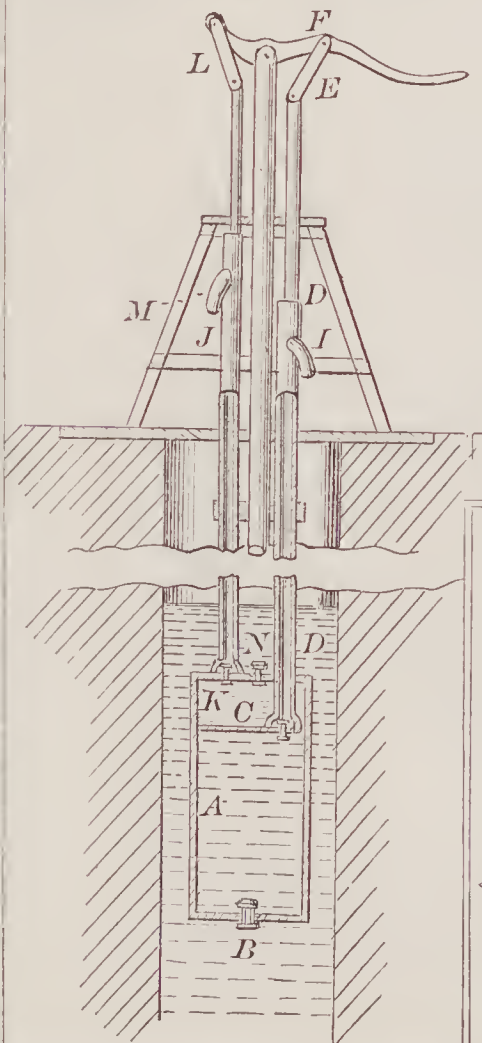
65685—H. C. Moore—Skate.



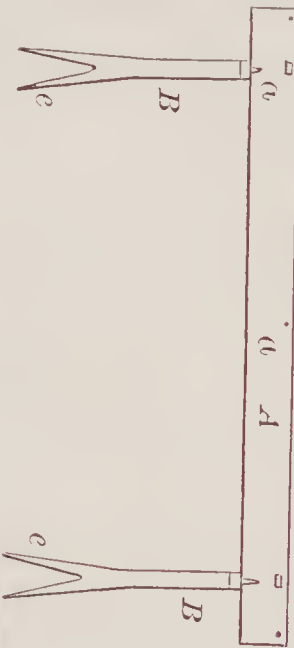
65683—T. Lüke—Carpet Cleaner.



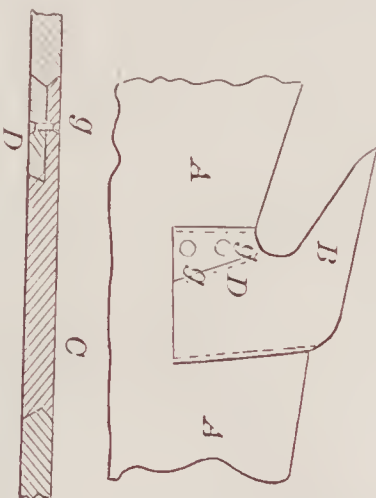
65684—A. Moon—Pump.



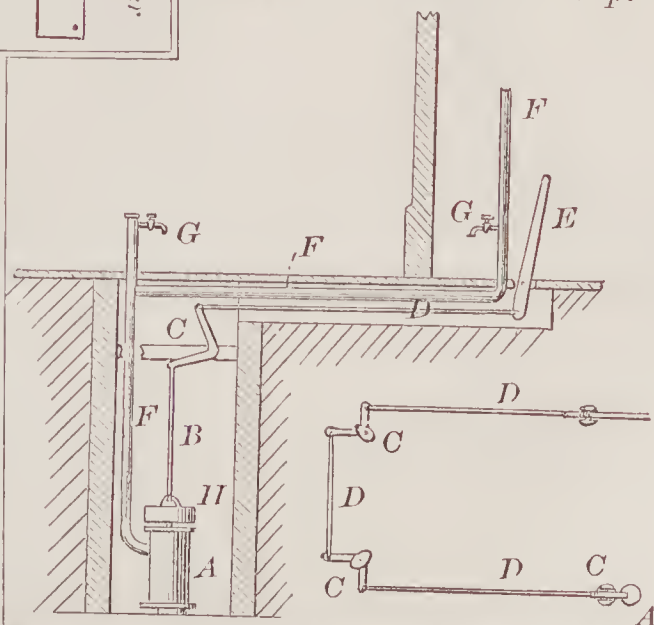
65686—J. S. Munger—Carpet Stretcher and Holder.



65687—J. Neale—Saw.

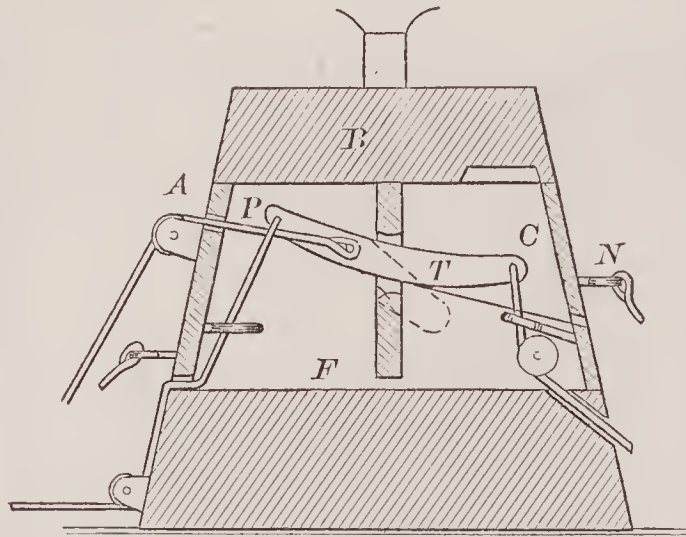
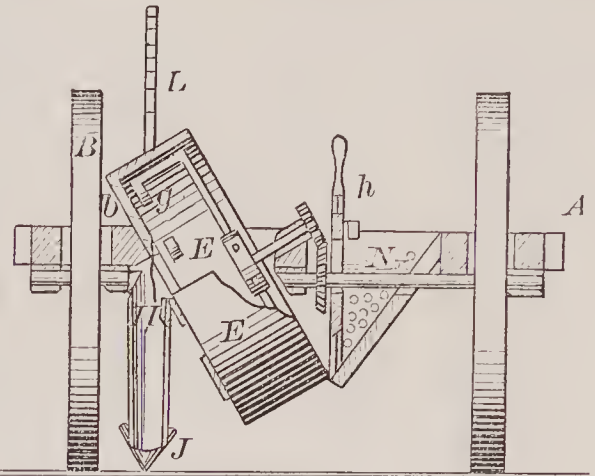
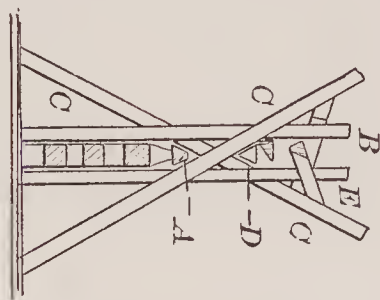
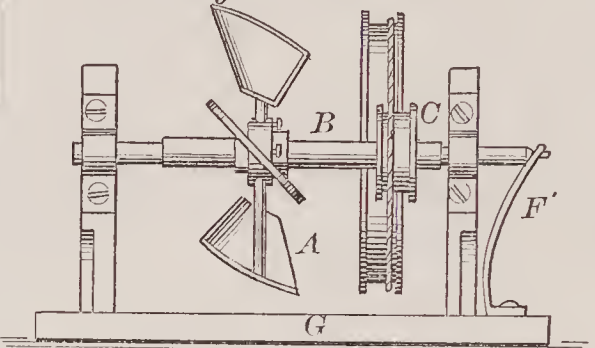
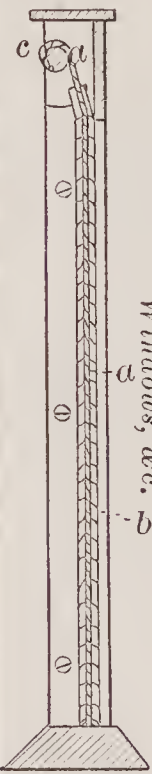
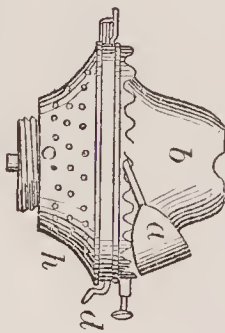
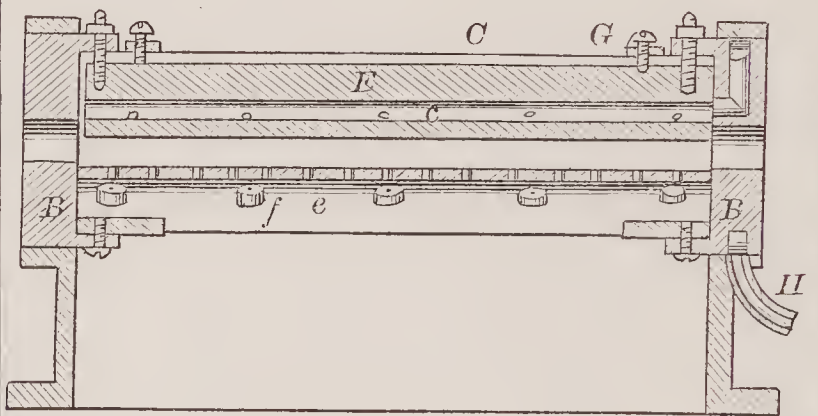
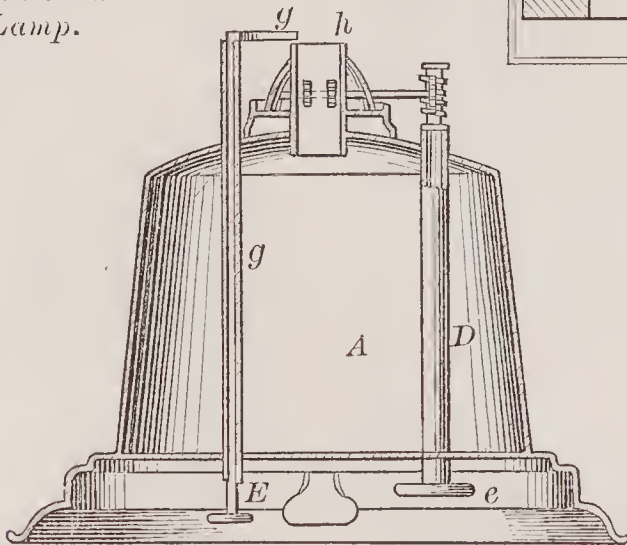
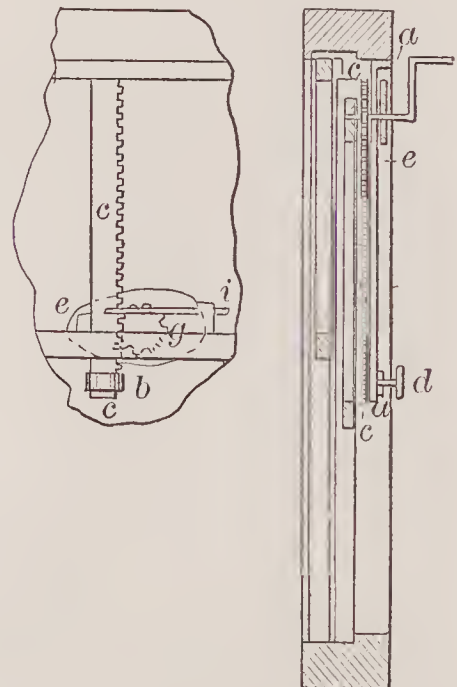
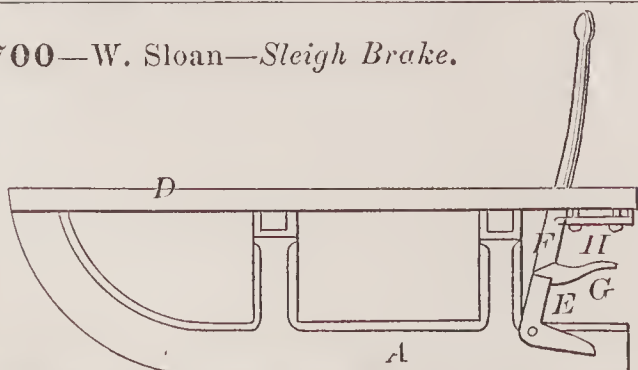


65690—H. Parks—Pump.

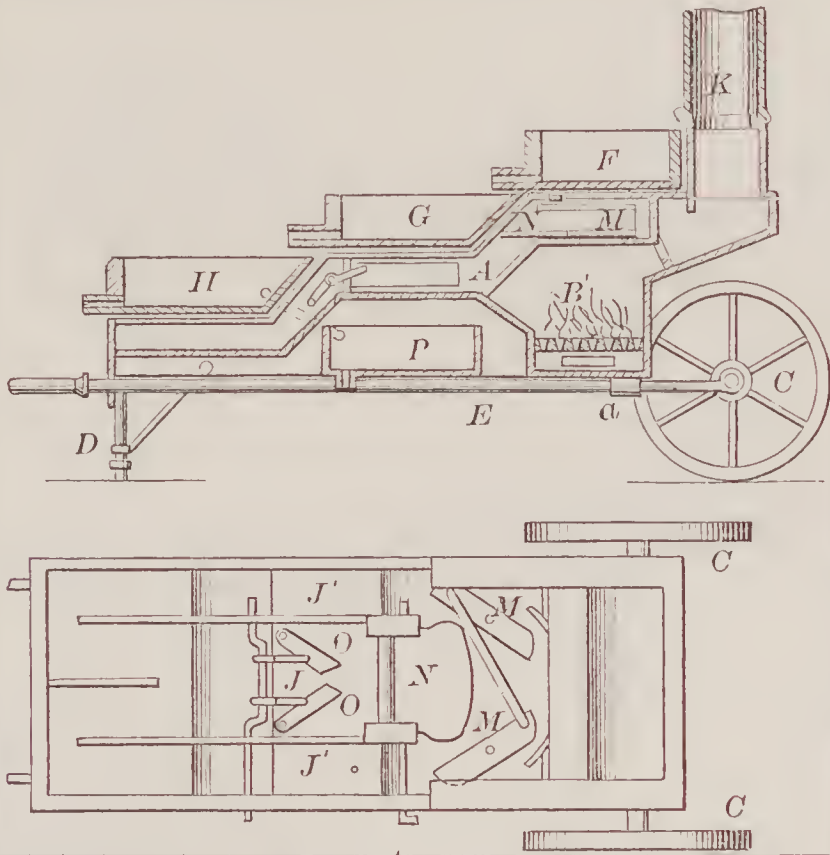


65689—W. H. Nichols—Sleigh Bell.

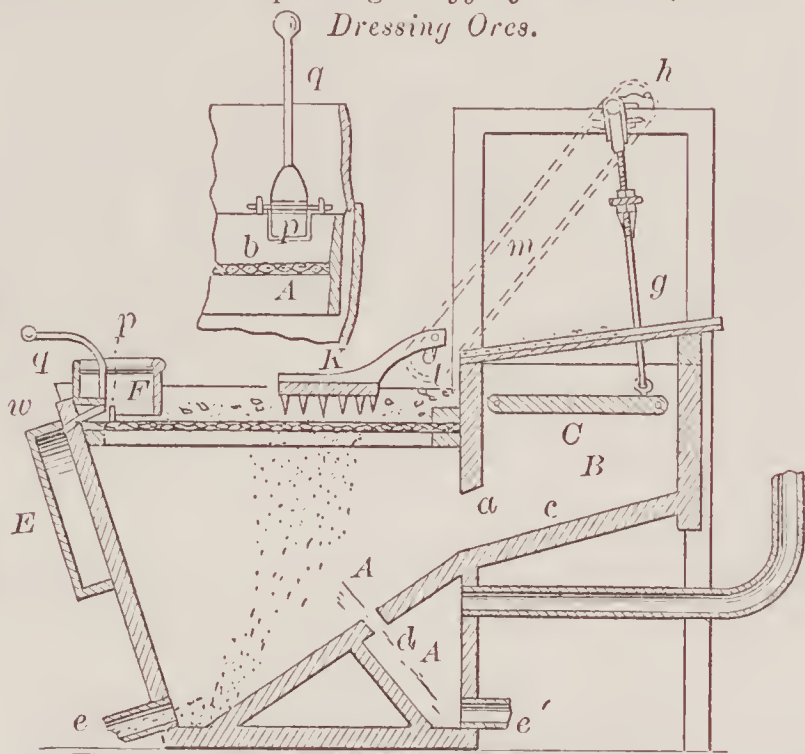


65691—J. T. Parlour—*Keel Block or Rest.*65695—J. P. Seudder—*Potato Planter.*65694—E. C. Roberts—*Fence.*65697—Shirley & Fasig—*Steam Engine Governor.*65692—W. G. Perkins—*Rolling Screen for Doors, Windows, &c.*65696—E. Shaw—*Lamp Extinguisher.*65699—P. L. Slayton—*For Tempering Wire.*65698—Silvins & Hain—*Lantern Lamp.*65701—S. Smith—*Window Sash Fastener.*65700—W. Sloan—*Sleigh Brake.*

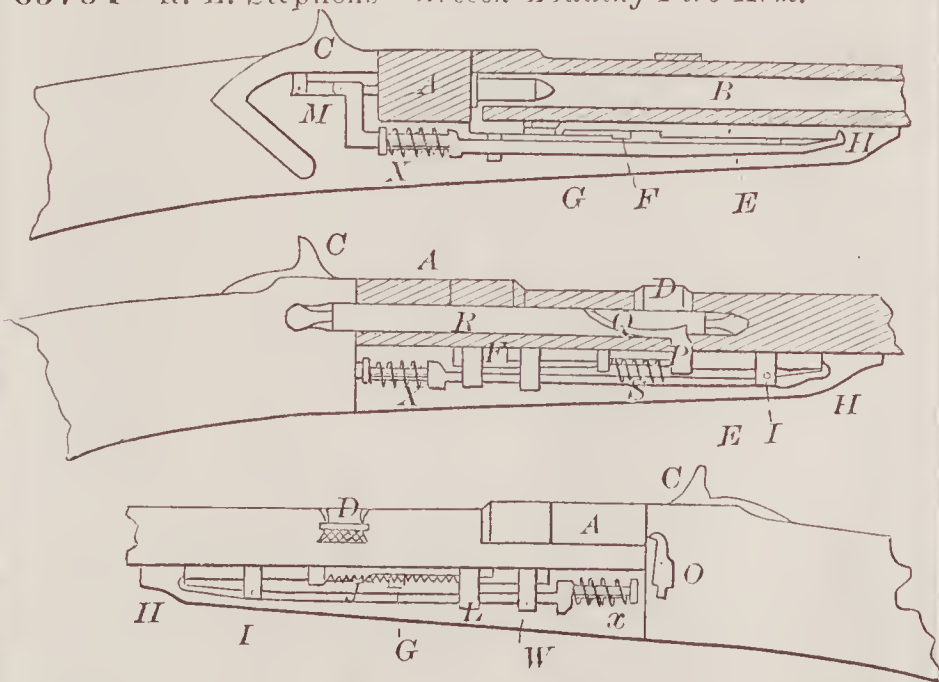
65702—W. C. Smith—*Sugar Evaporator.*



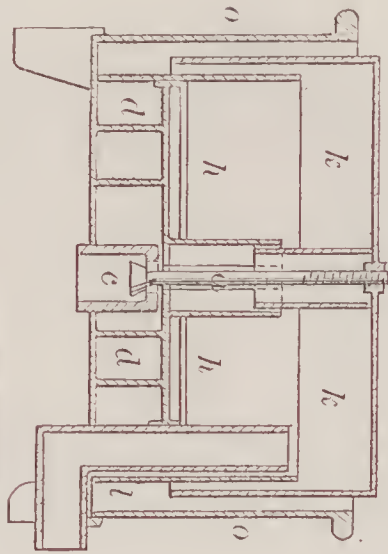
65703—W. W. Spalding—*Jigging Machine for Dressing Ores.*



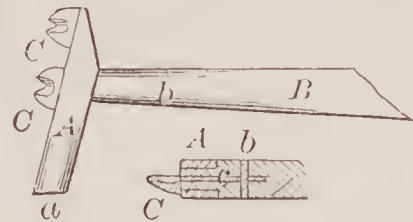
65704—R. E. Stephens—*Breech-Loading Fire Arm.*



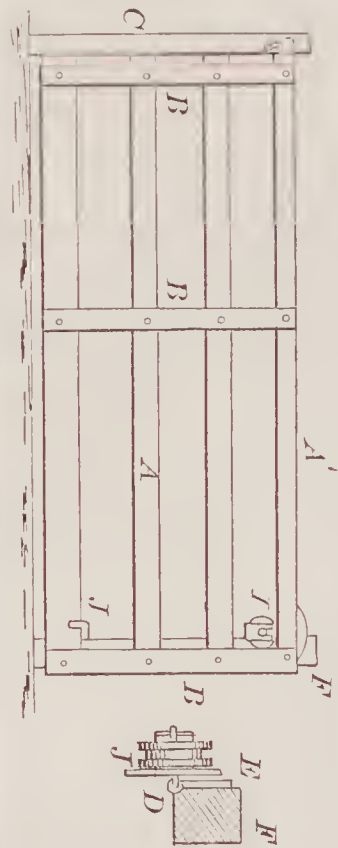
65705—L. Stevens—*For Treating Air and Hydro-Carbon Vapor for Illuminating Gas.*



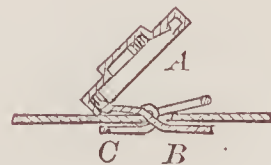
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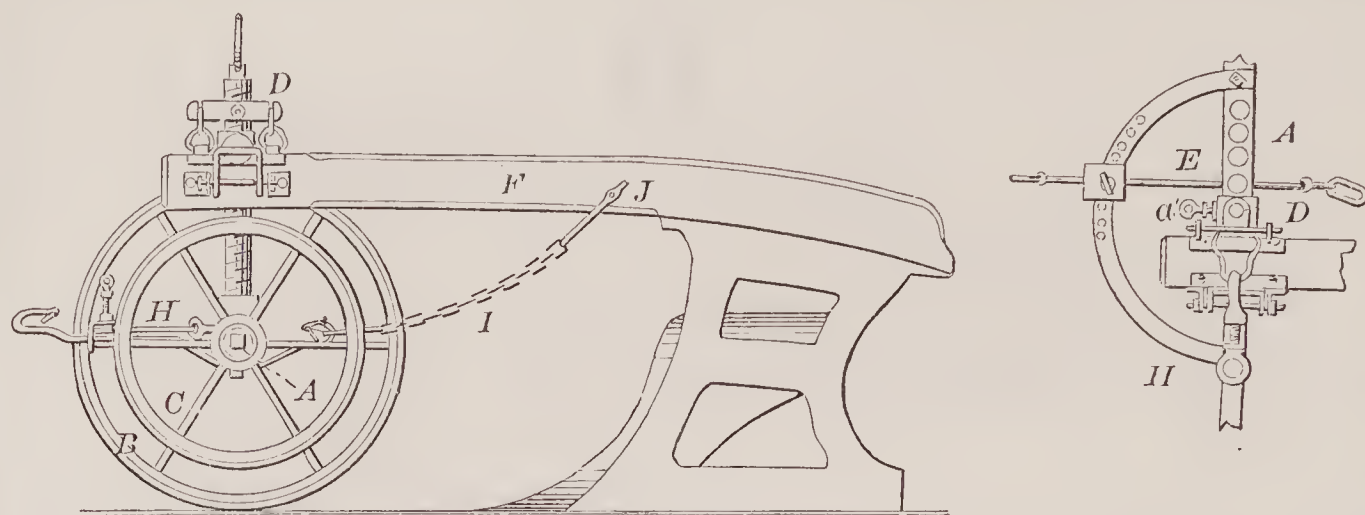
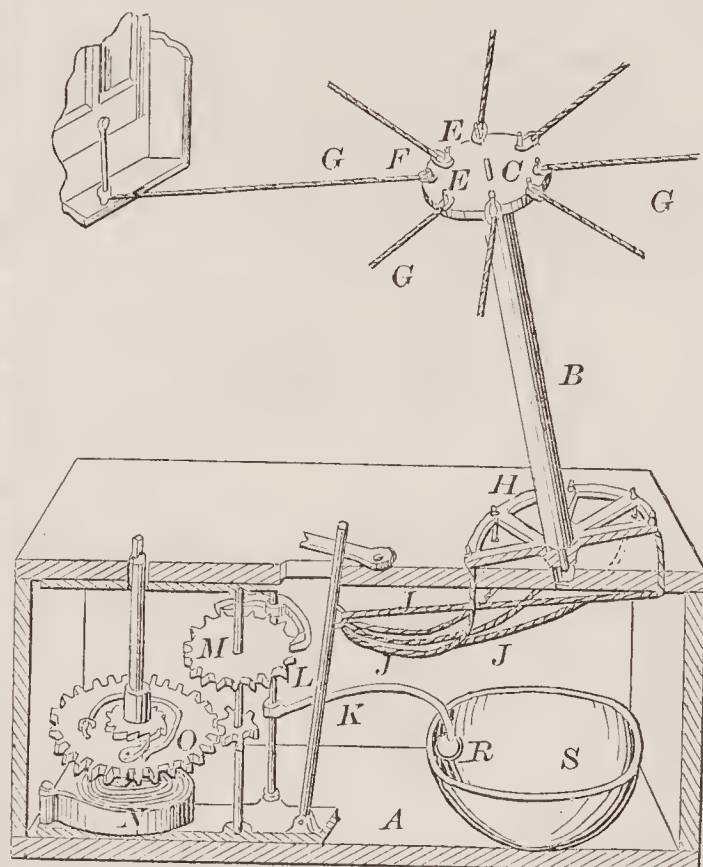
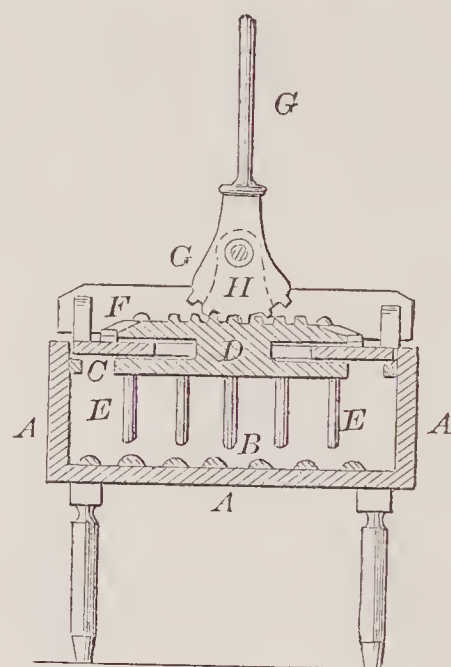
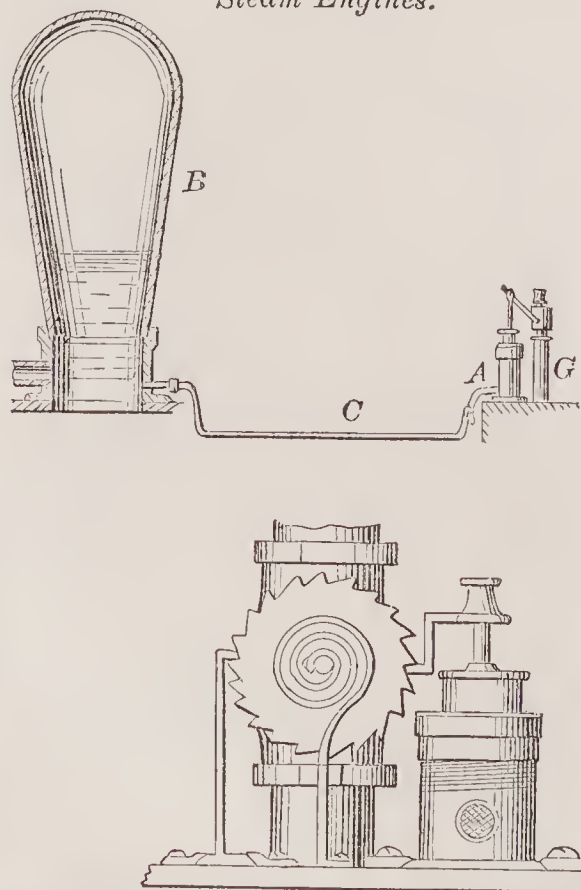
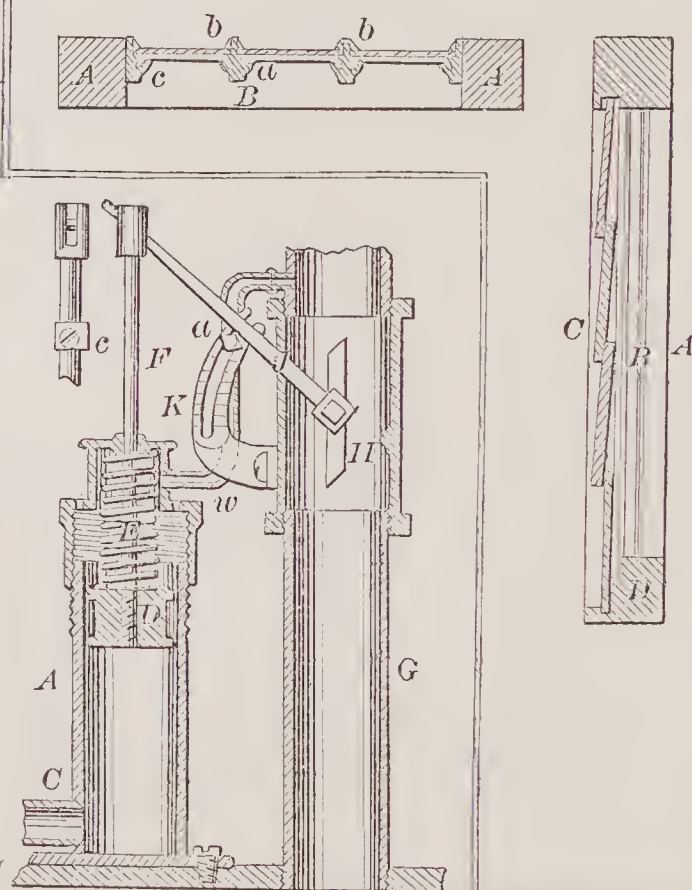


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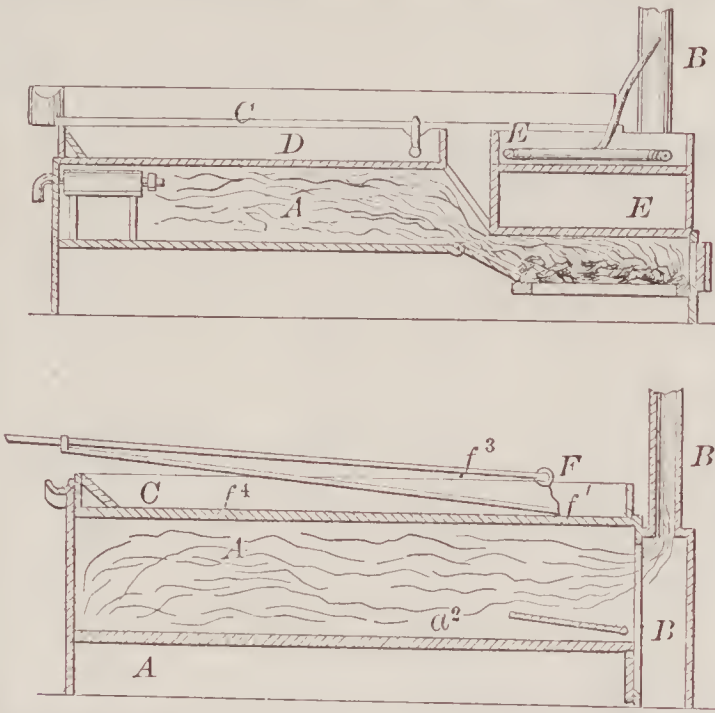


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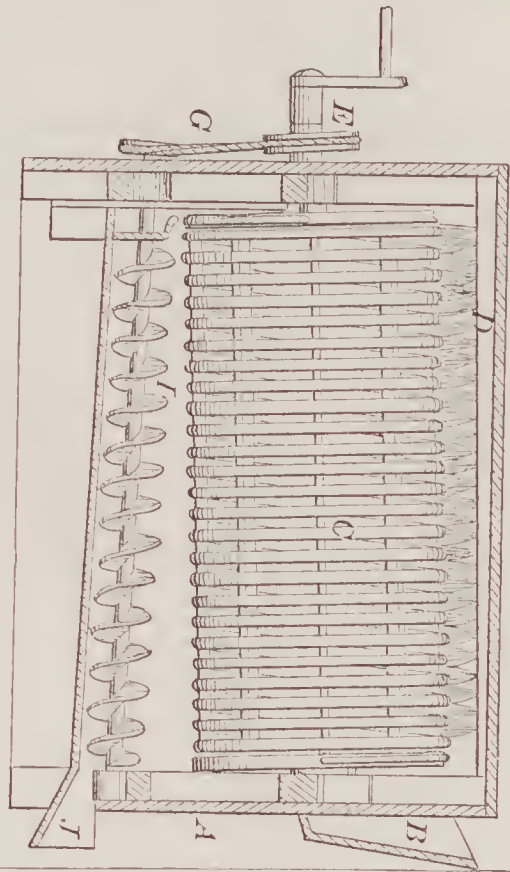


65709—F. Volkman—*Plow.*65710—I. M. Wells—*Burglar Alarm.*65713—E. F. Wheeler—*Washing Machine.*65711—C. S. Westland—*Stop Motion for Steam Engines.*65712—H. Weston—*Skylight.*

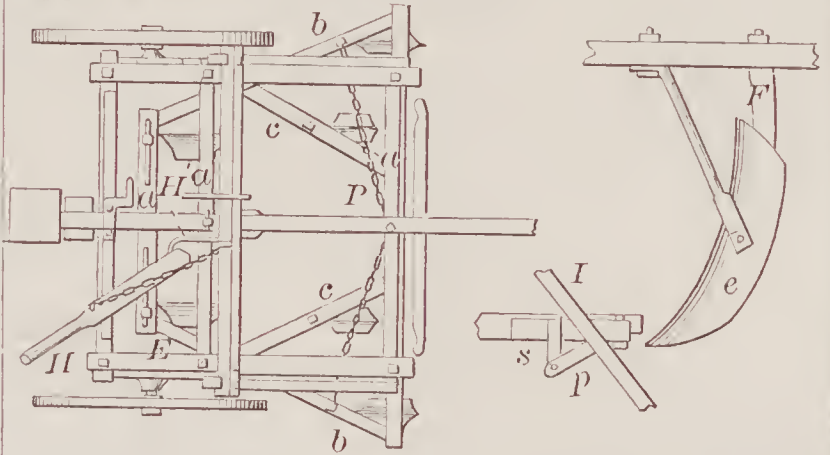
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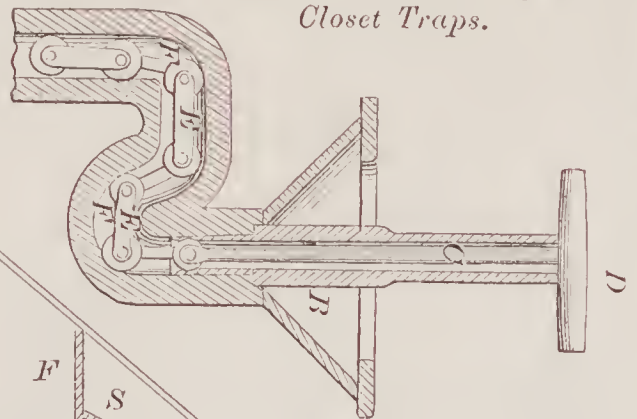
65716—A. J. Alexander—*Grain Separator.*



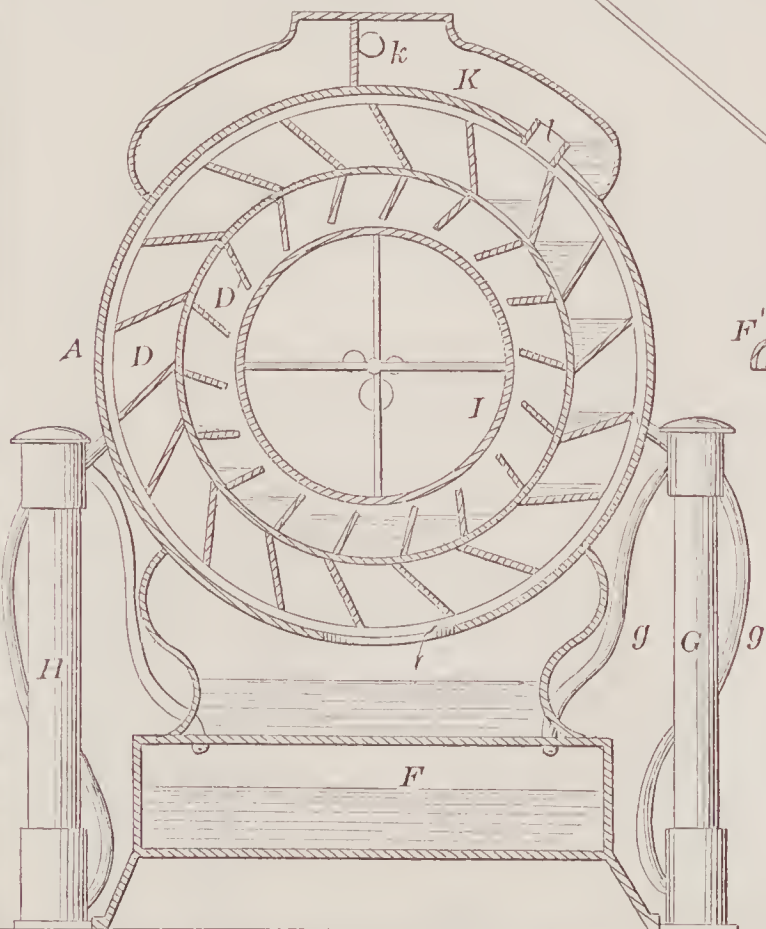
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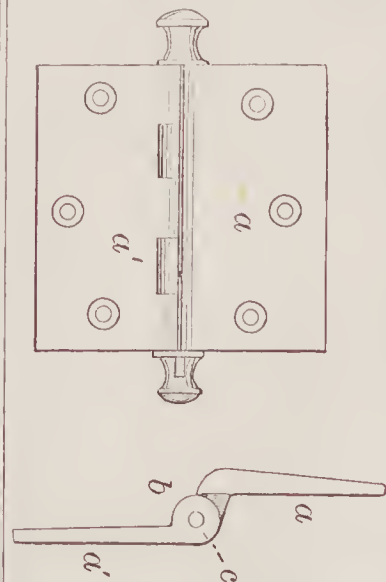
65715—J. Wright—*For Cleaning Water Closet Traps.*



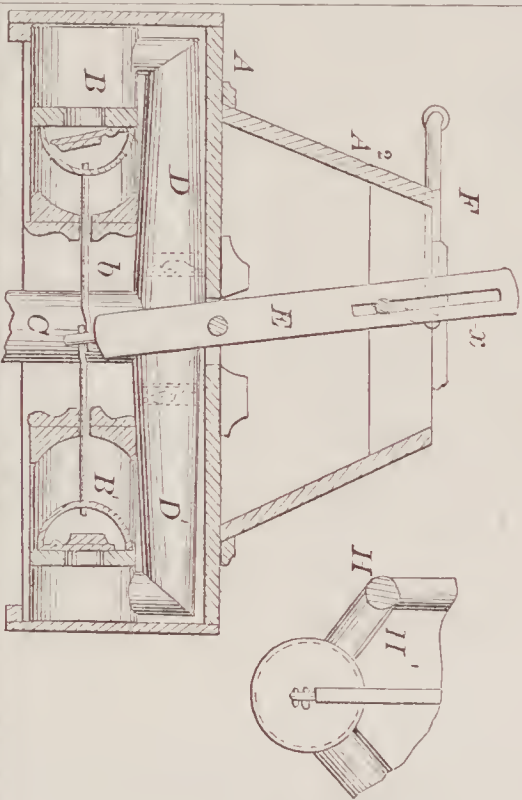
65720—L. Brauer—*Hydraulic Weighing Apparatus*



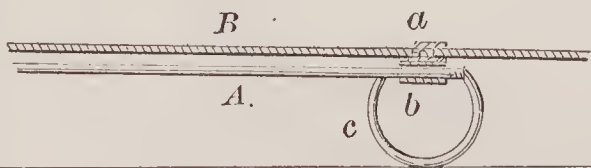
65717—M. C. Ames—*Butt Hinge.*



65718—C. Bemis—*Pump.*



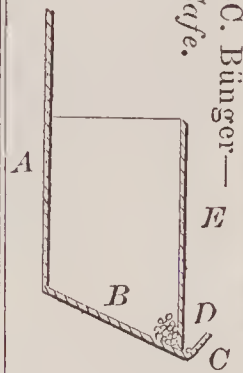
65721—F. W. Brooks—*Slide for Safety Reins.*



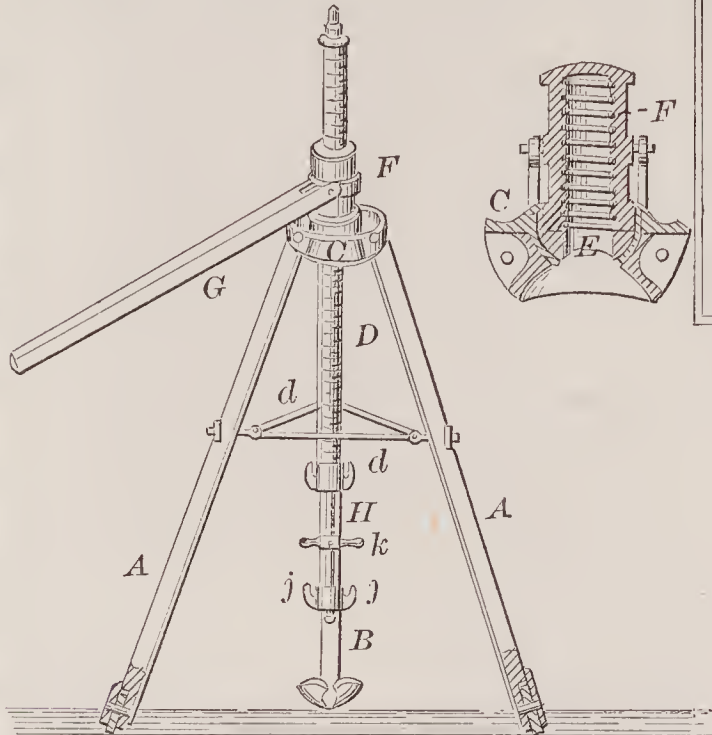
65723—R. B. Caswell—*Blank for Horse Shoe Calks.*



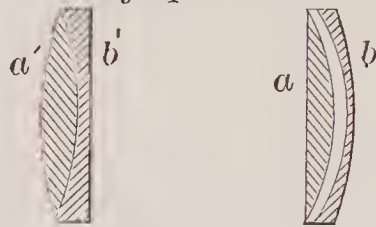
65722—C. Büniger—*Match Safe.*



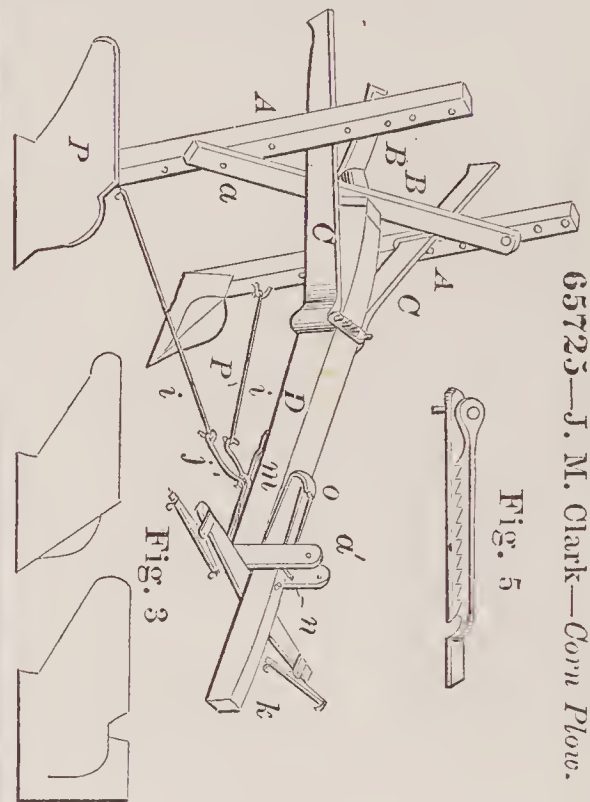
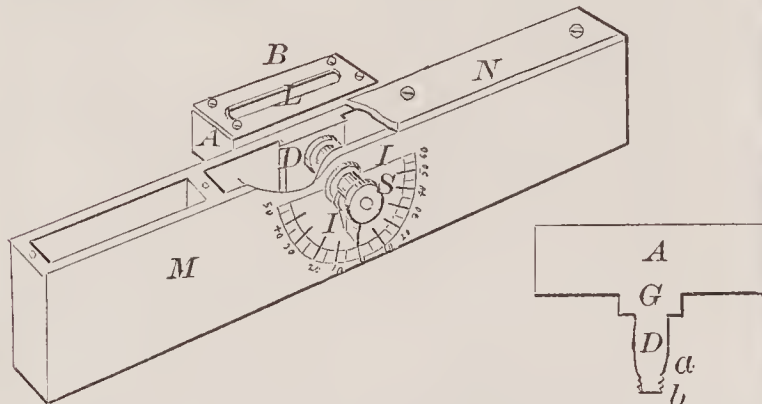
65724—G. Chamberlin—*Stump Extractor.*



65729—J. H. Dallmeyer—*Photographic Lens.*



65726—P. Clifford—*Level and Plumb.*

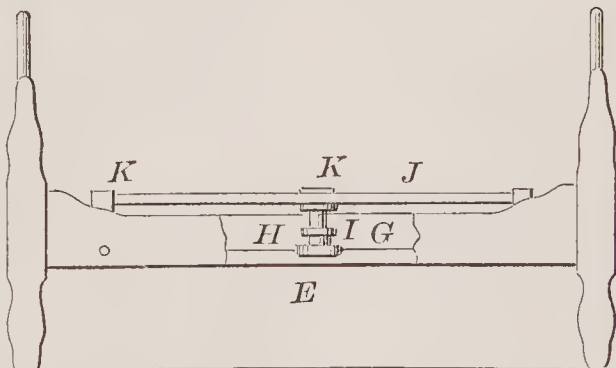


65725—J. M. Clark—*Corn Plow.*

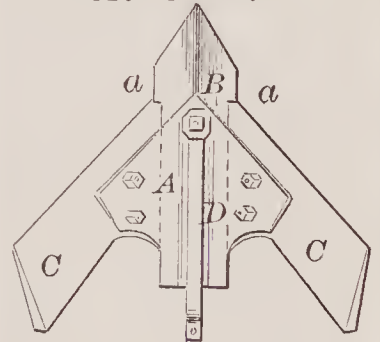
Fig. 5

Fig. 3

65731—G. H. Dow—*Bed Bottom.*



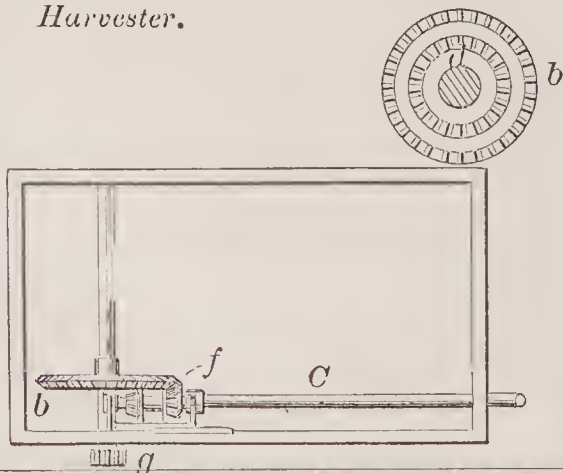
65728—G. W. Cooper—*Horse Hoe.*



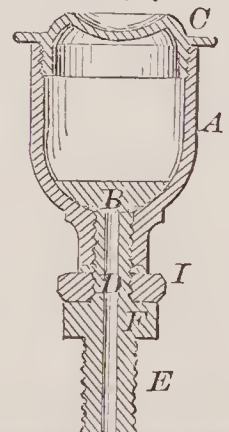
65730—G. W. Day—*Paper Weaving Apparatus.*



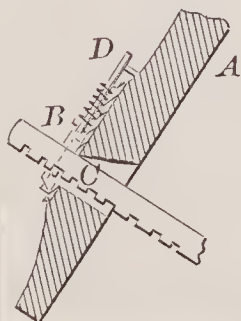
65732—M. Easterbrook, Jr.—*Harvester.*



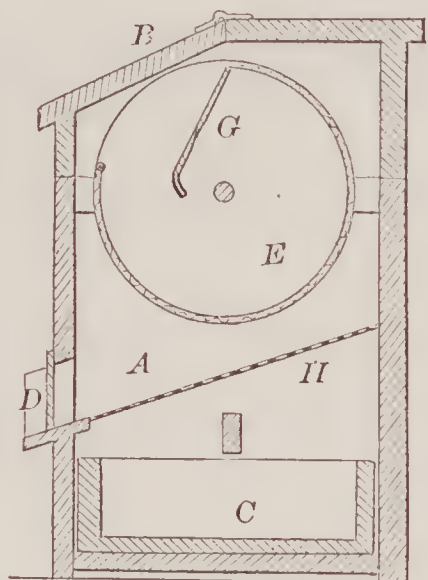
65734—J. Fanyou—*Lubricator.*



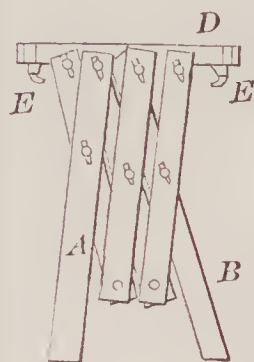
65727—W. S. Colburn—*Cant Hook.*



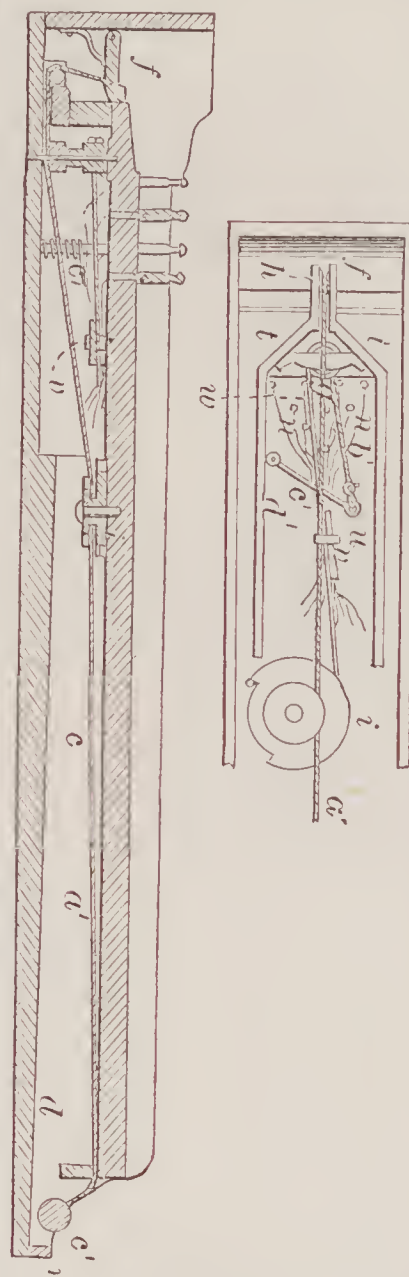
65736—J. S. Fifield—*Coal Sifter.*



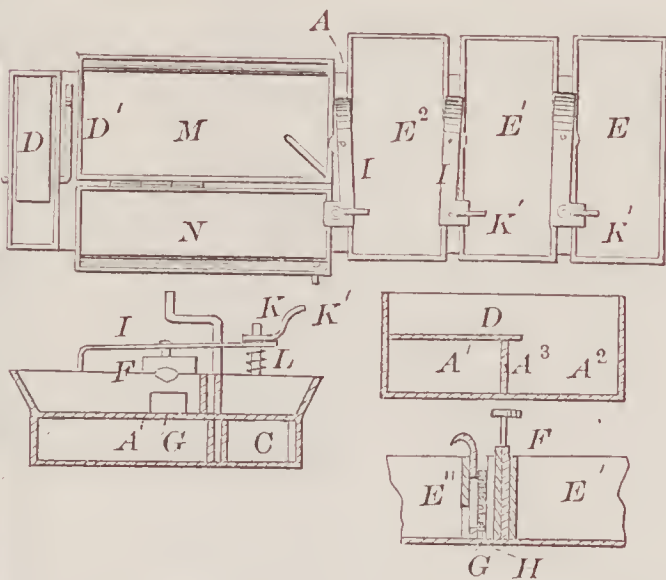
65735—G. Faringer—*Clothes Dryer and Stand.*



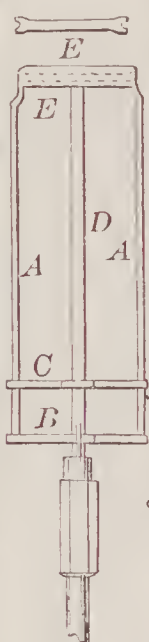
65739—C. H. Fowler—*Parlor Ten Pin Alley.*



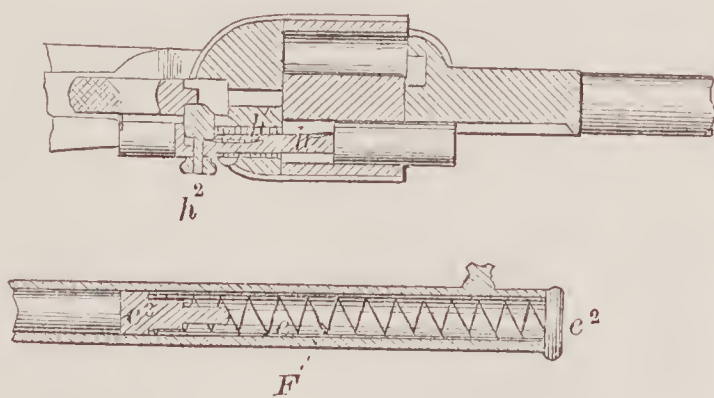
65738—A. L. Folger—*Sorghum Evaporator.*



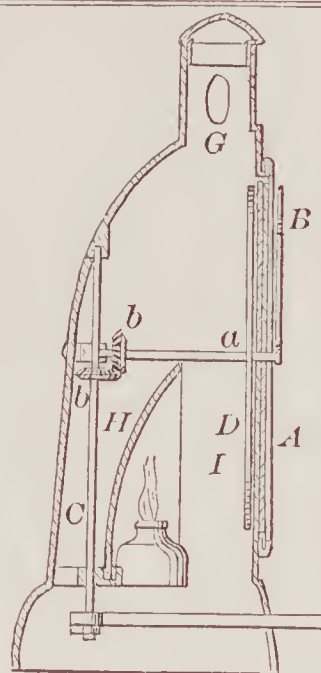
65737—W. W. Finch—*Mop Wringer.*



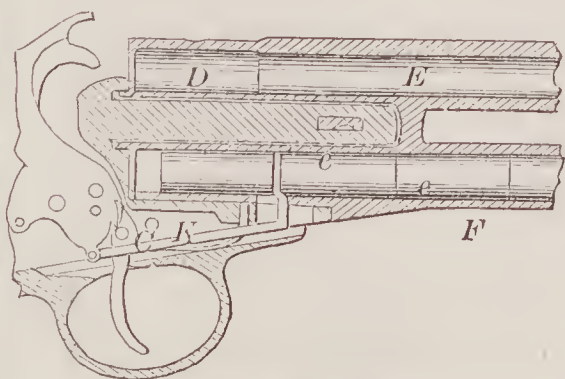
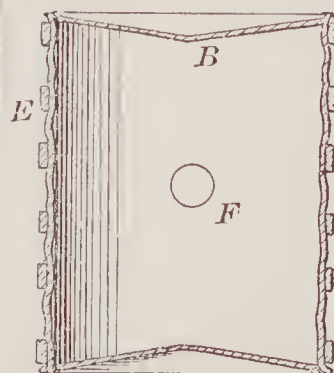
65742—E. J. Frost—*Revolving Fire Arm.*



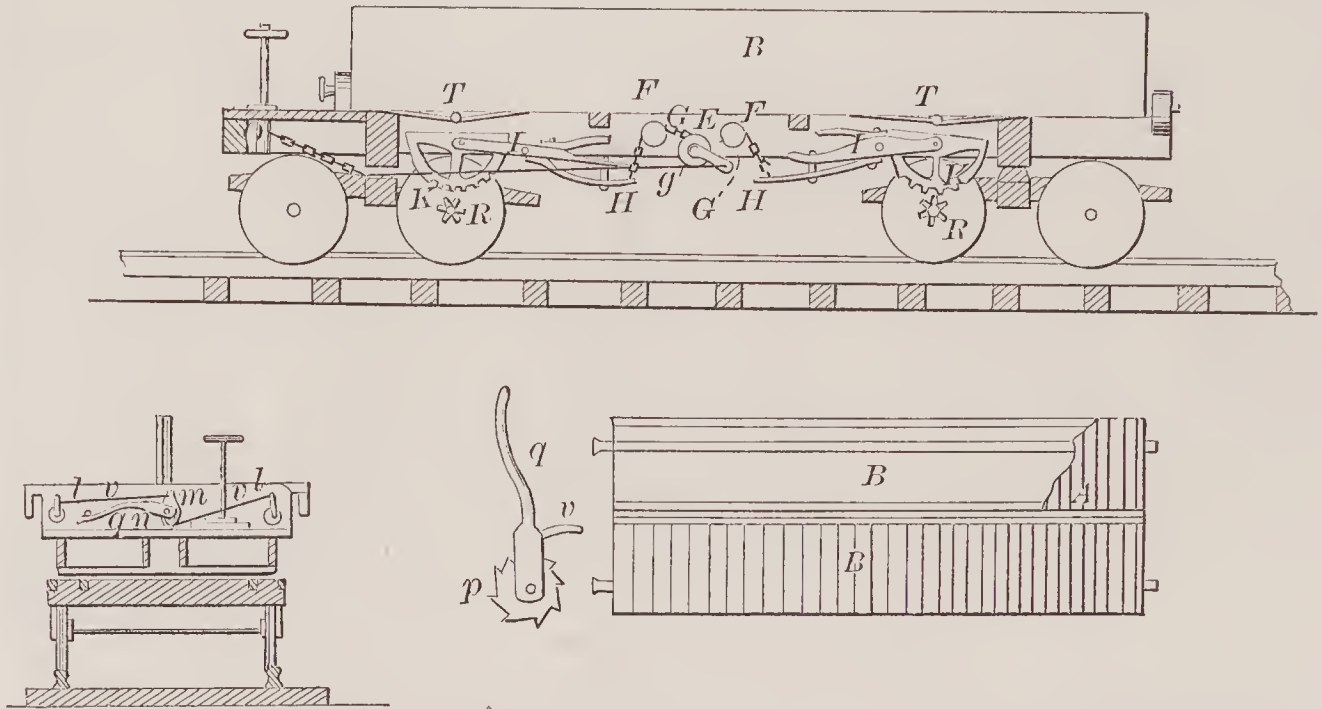
65740—N. C. Franzen—*Steering Indicator.*



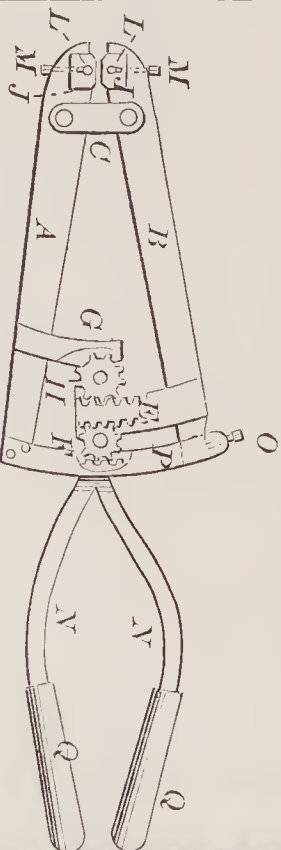
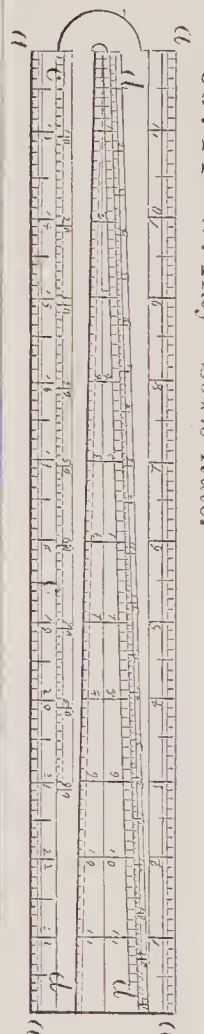
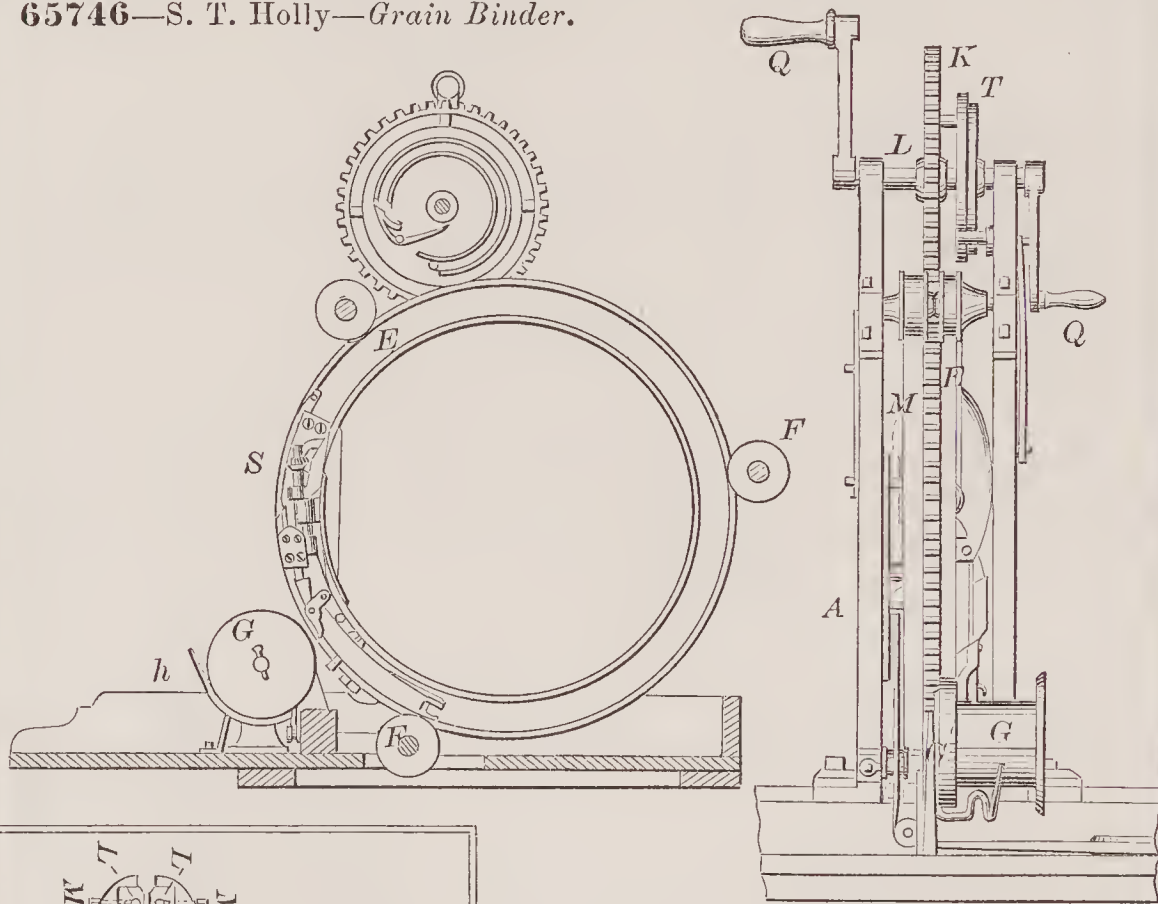
65741—J. A. Frey—*Metal Barrel.*



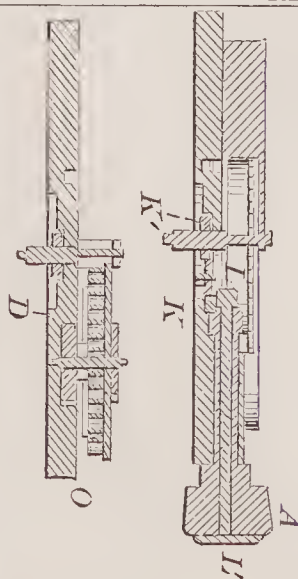
65743—Haase & Rost—Unloading Railroad Cars.



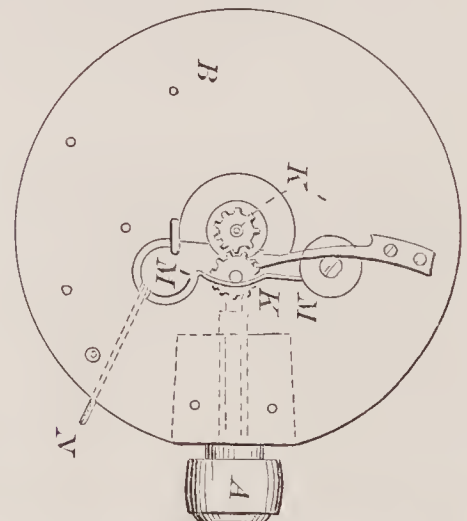
65746—S. T. Holly—Grain Binder.



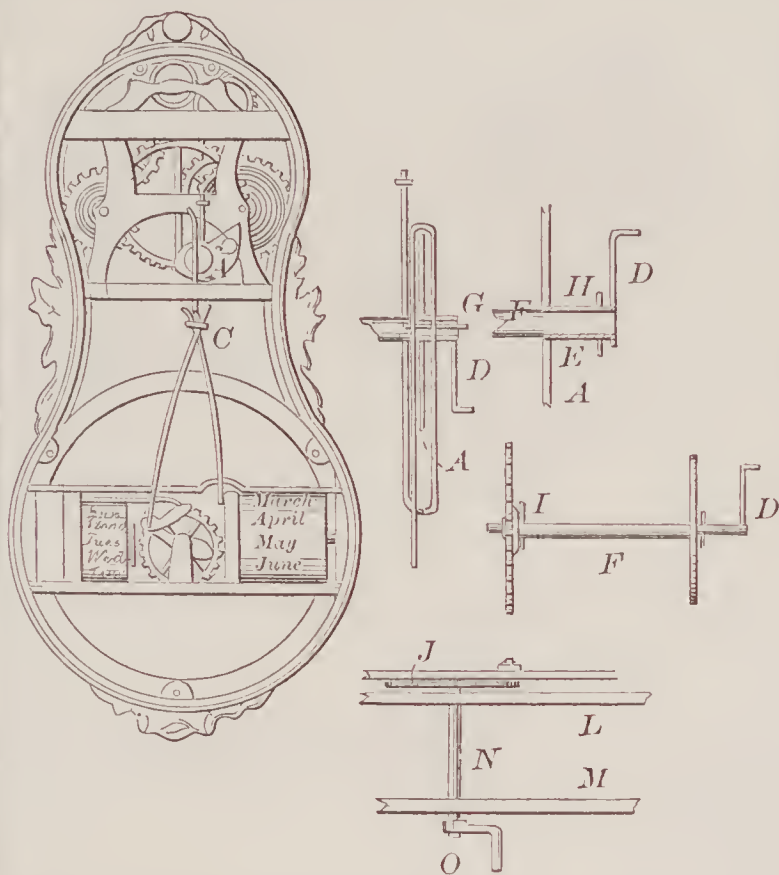
65745—J. E. Heath—For Shearing Metals.



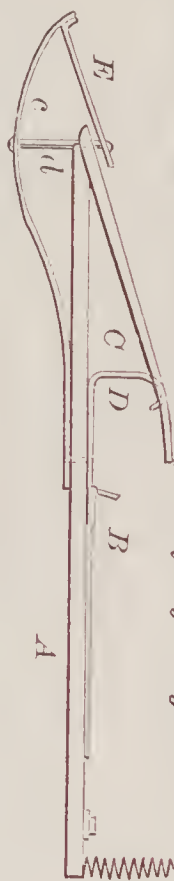
65747—E. B. Horn—Stem Winding Watch.



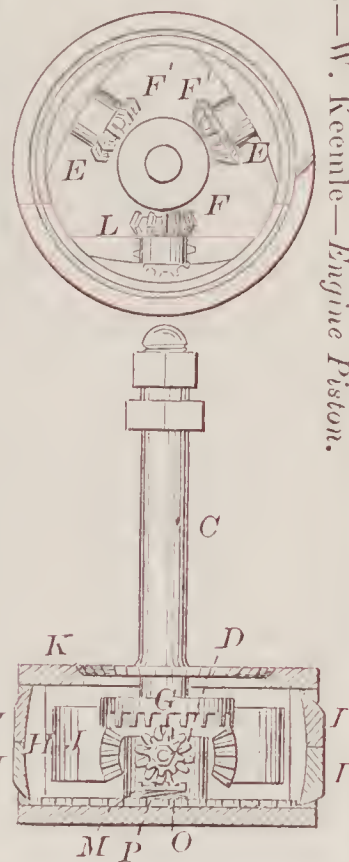
65748—Horton & Wood—Calendar Clock.



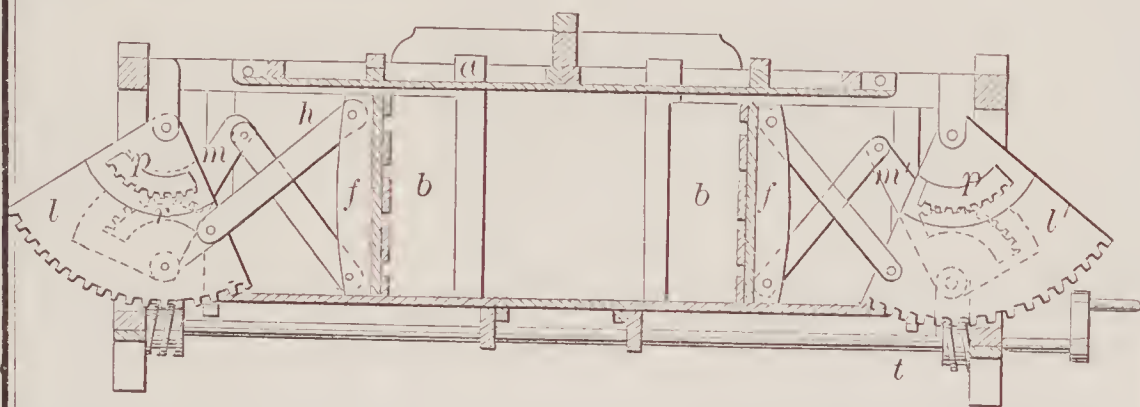
65750—W. M. Jackson—Teeth for Lifting Lodged Grain.



65753—W. Kemble—Engine Piston.



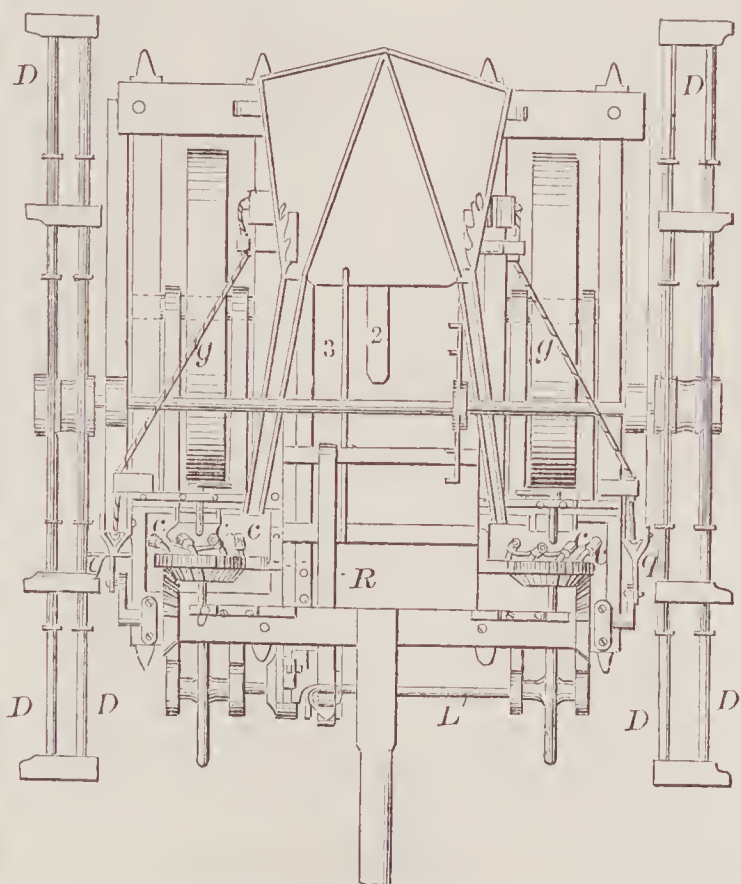
65752—G. D. Jones—Press.



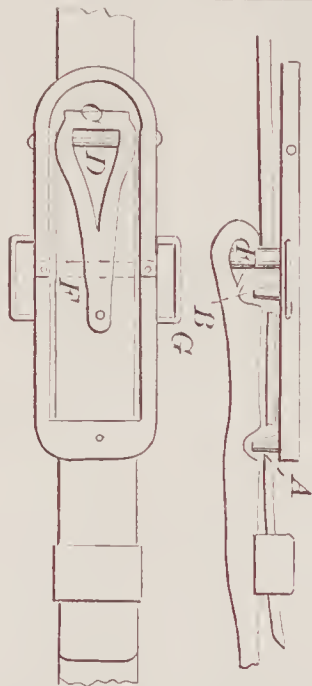
65751—W. B. Jacobs—Syrup Strainer.



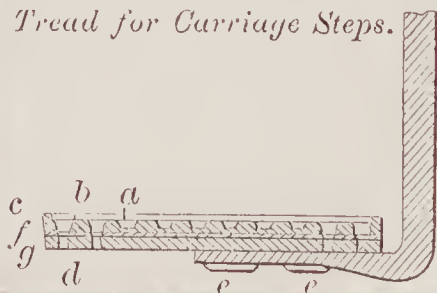
65755—G. W. Knapp—Corn Planter.



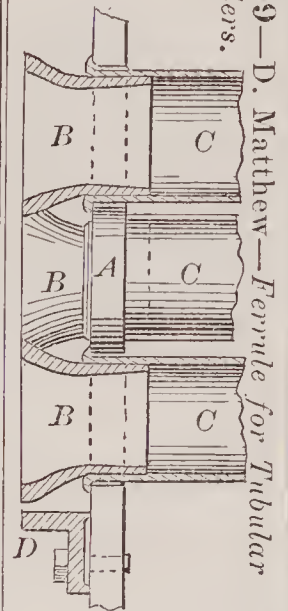
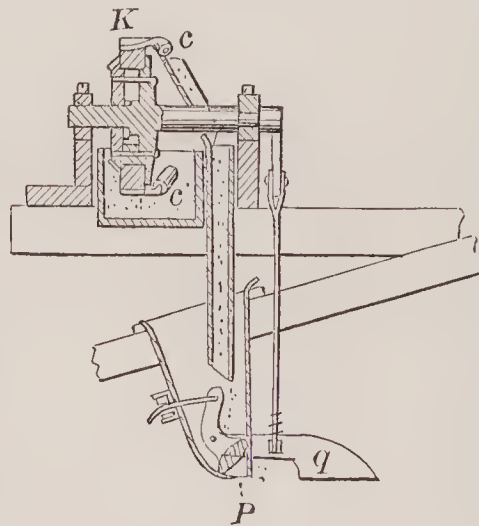
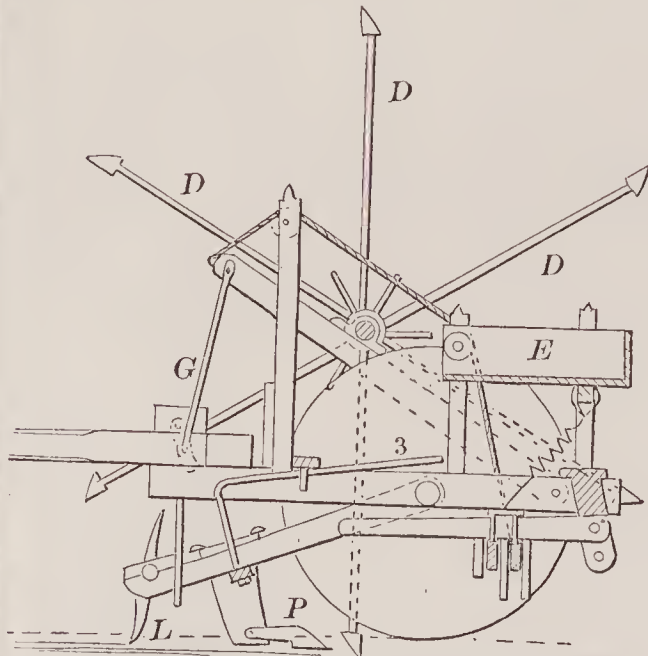
65749—G. C. Huntress—Buckle.



65754—G. A. Keene—India Rubber Tread for Carriage Steps.

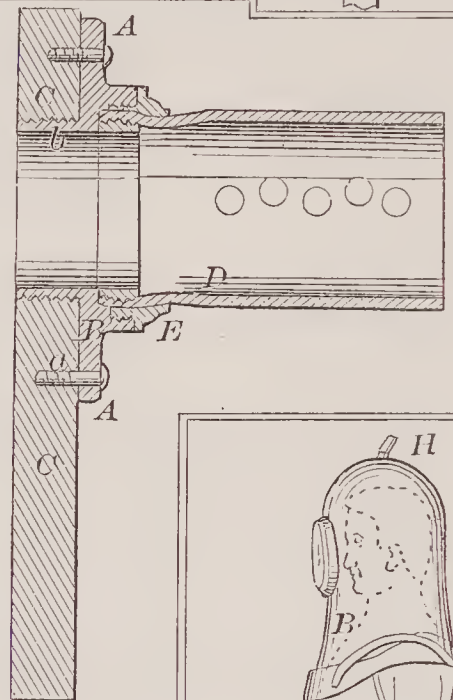
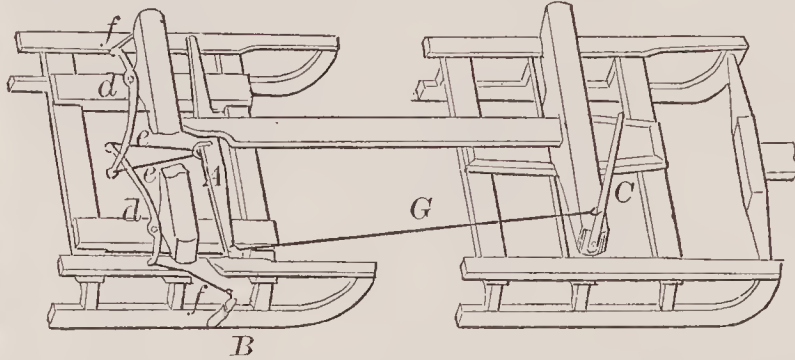


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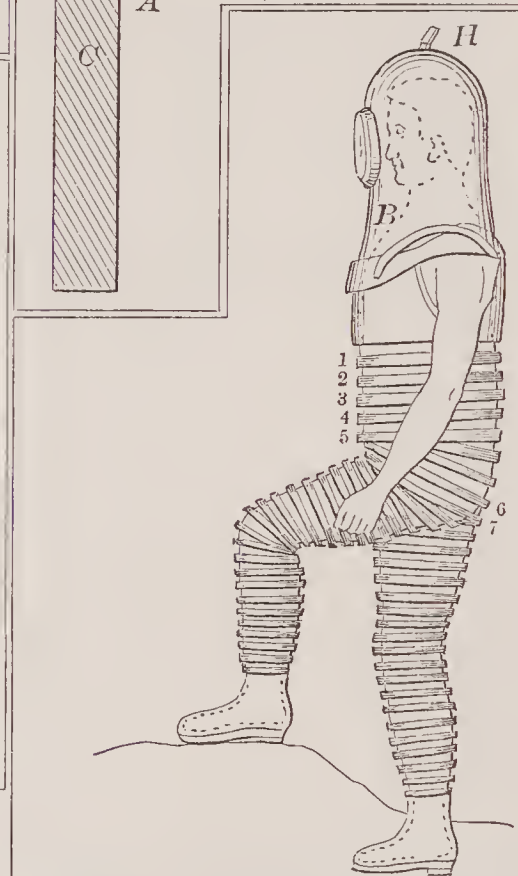
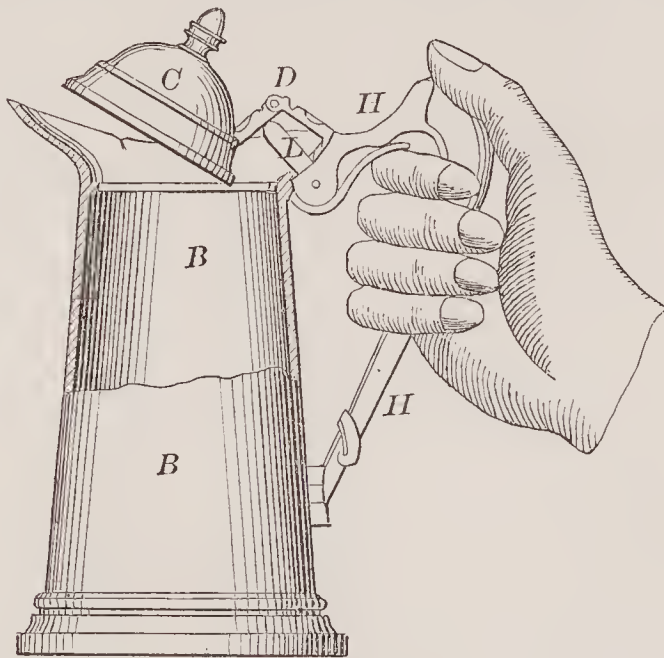
65759—D. Mathew—Furnace for Tubular Boilers.

65756—H. E. Knapp—Sled Brake.



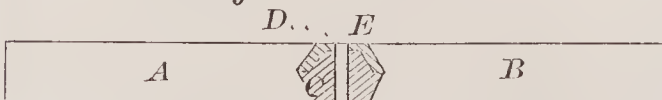
65758—S. H. Loring—Hose Coupling.

65757—F. W. L. Knuschke—Lifter for Pitcher Lids.

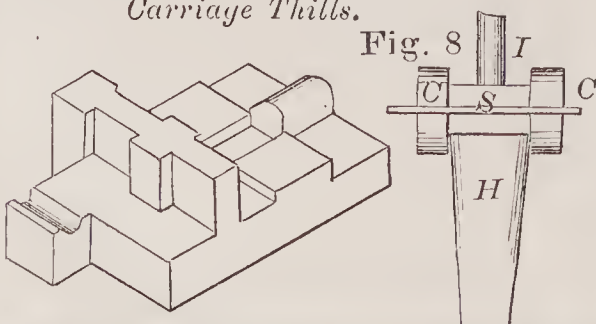


65760—T. C. McKen—Diving Apparatus.

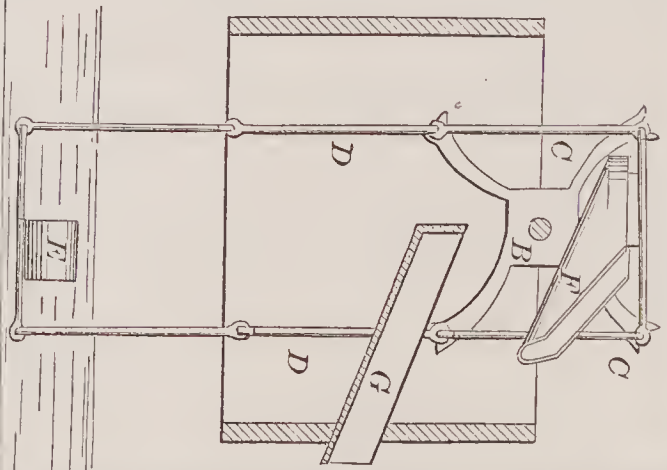
65761—F. B. Morse—Joint for Carriage Braces.



65762—F. B. Morse—Shackle for Carriage Thills.



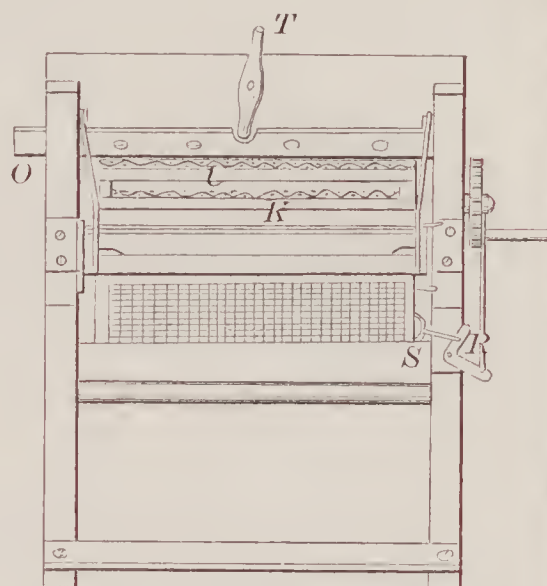
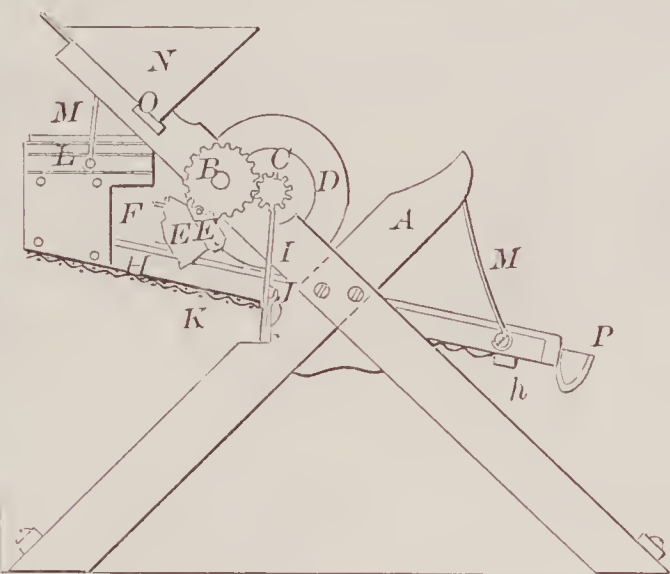
65763—G. Mott—Water Elevator.



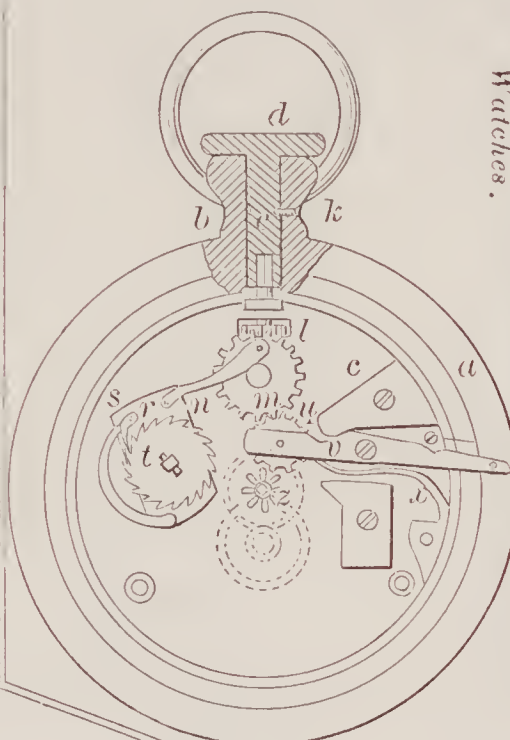
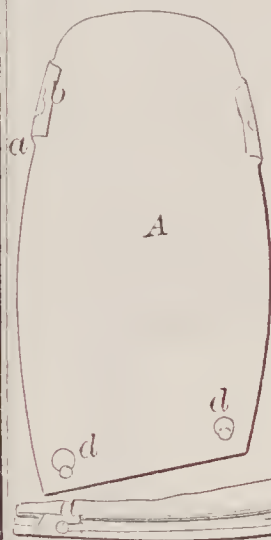
65764—C. Nelson—Toy Torpedo.



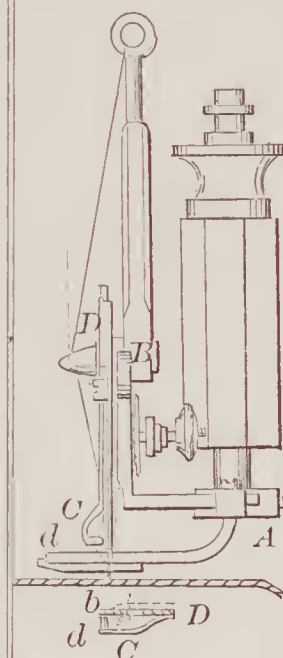
65765—H. Ogborn—Winnowing Screen.



65766—H. Riggs—Metal Sole for Boots and Shoes.

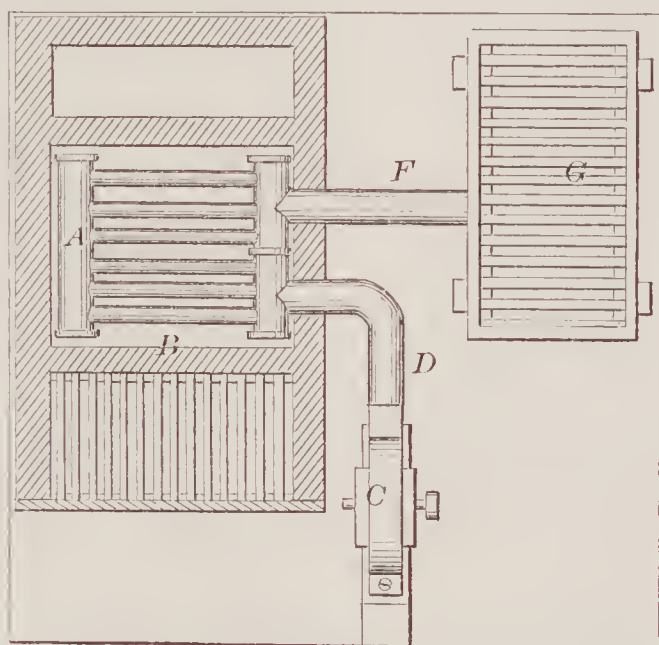


65769—H. Rothfelder—Winding and Setting Watches.

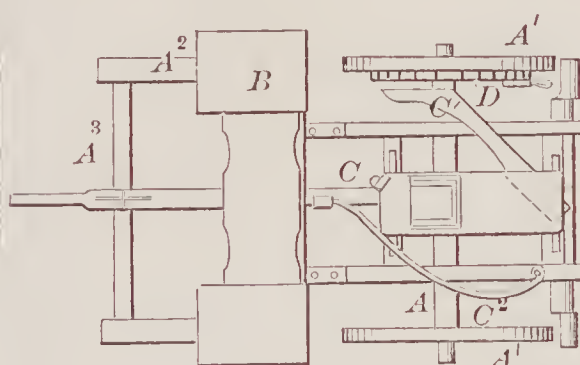


65768—L. M. Rose—Sewing Machine.

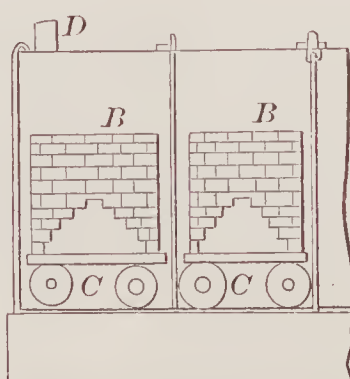
65767—A. W. Roberts—For Drying Hides, Leather, &c.



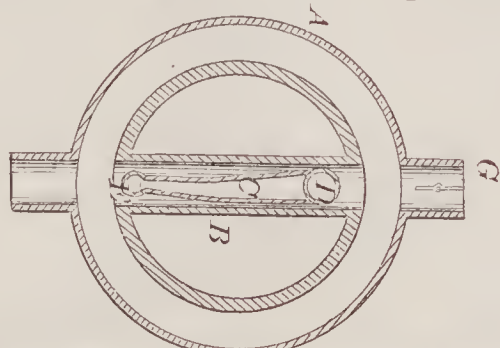
65771—J. P. Selsor—Corn Planter.



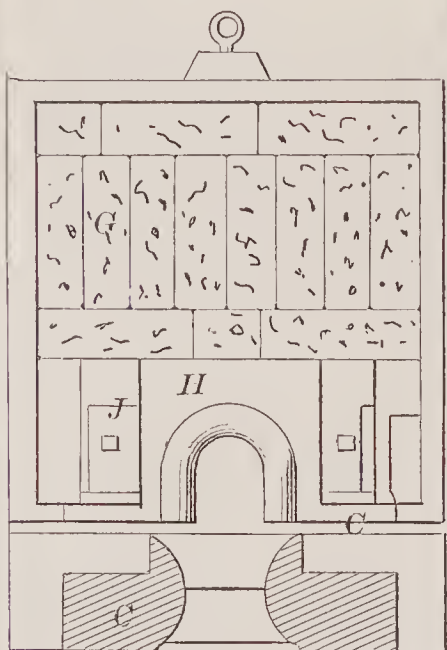
65772—W. A. Shepard—Brick Kiln.



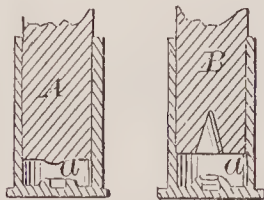
65770—C. E. Russell—Stove Pipe Drum.



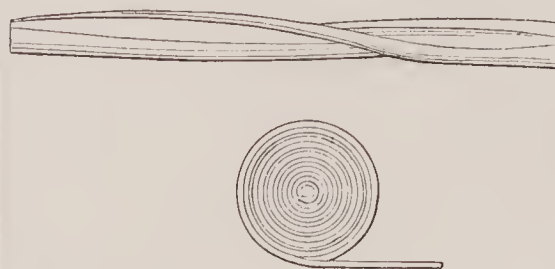
65773—W. Sims—*Door and Bit for Furnaces.*



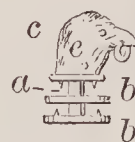
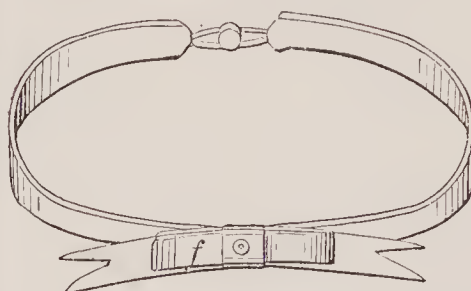
65774—D. Smith—*Priming Metallic Cartridges.*



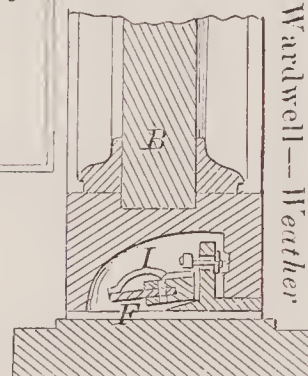
65775—C. Stearns—*Lightning Rod.*



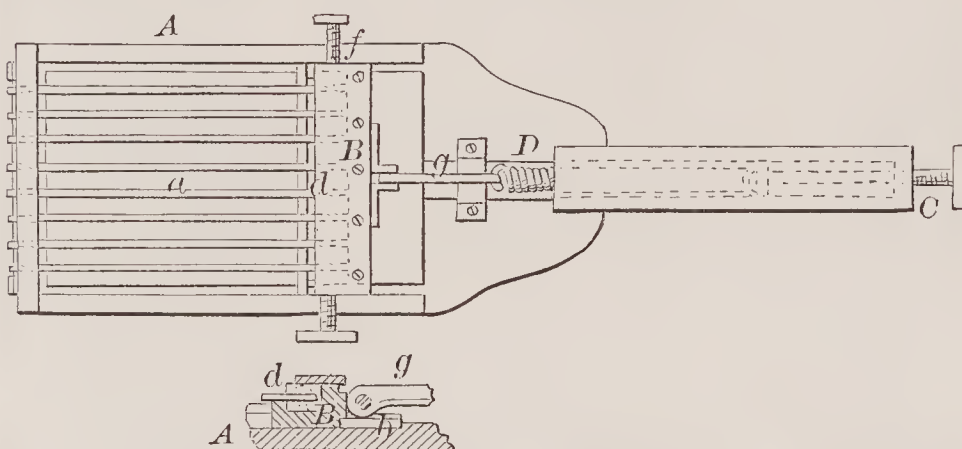
65776—W. J. Terry—*Necktie Fastening.*



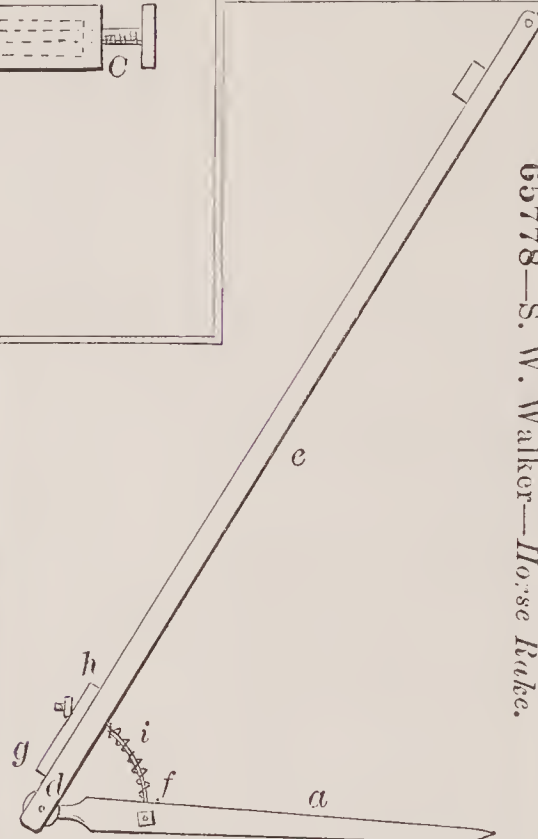
65781—J. B. Wardwell—*Heather Strip.*



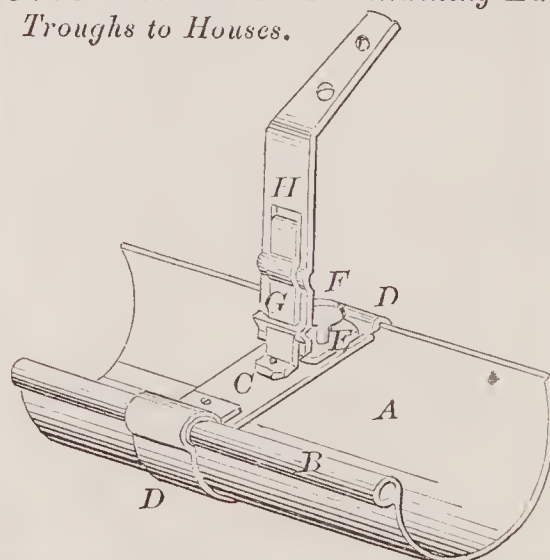
65780—J. C. Walter—*For Hardening Wire.*



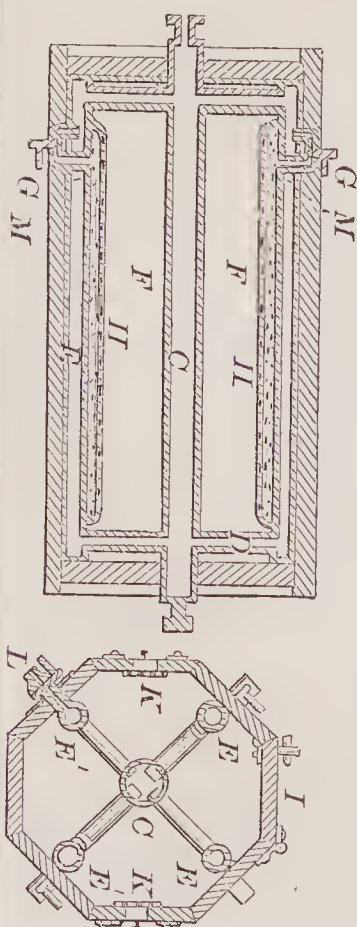
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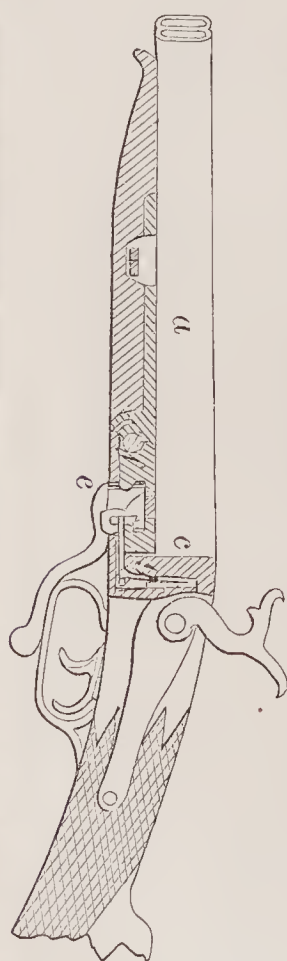
65779—W. R. Wallis—*Attaching Eave Troughs to Houses.*



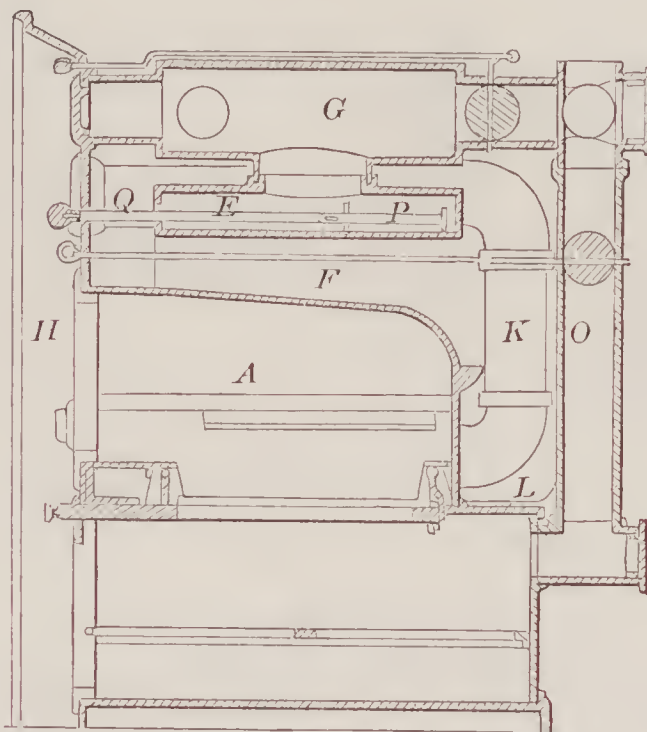
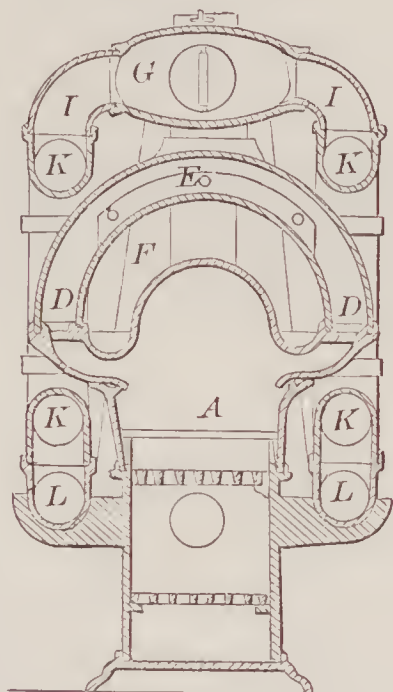
65782—Washburn & Van Sickle—*For Dressing Feathers.*



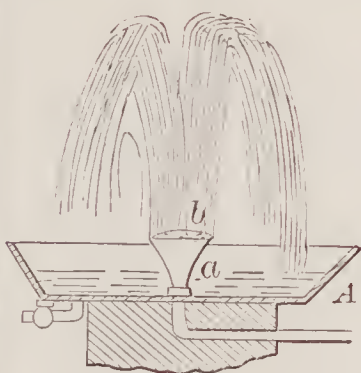
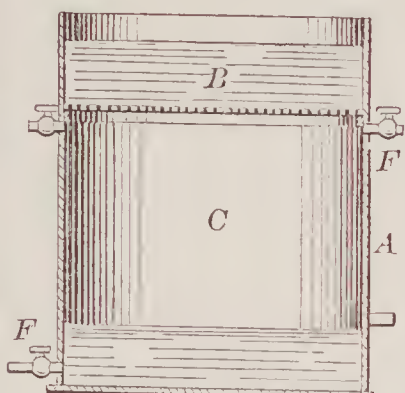
65783—T. W. Webley—*Breech-Loading Fire Arm.*



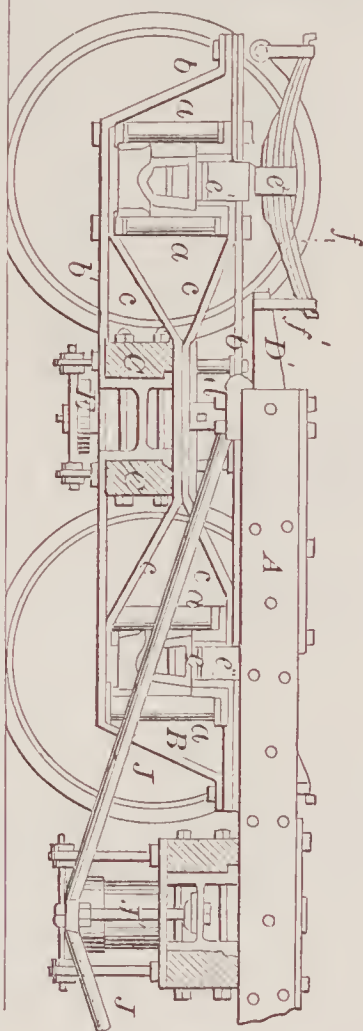
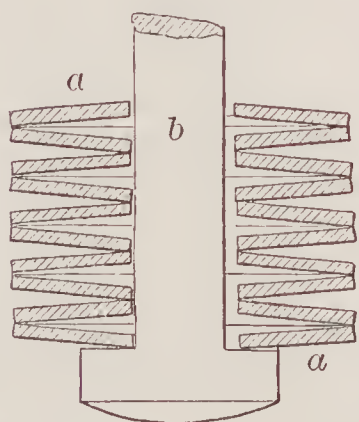
65784—G. W. Wilson—*Air Heating Furnace.*



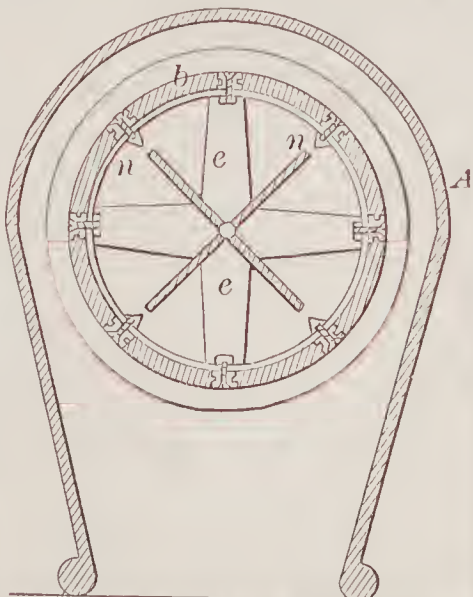
65785—W. Adamson—*Glue.*



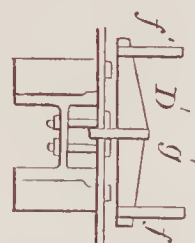
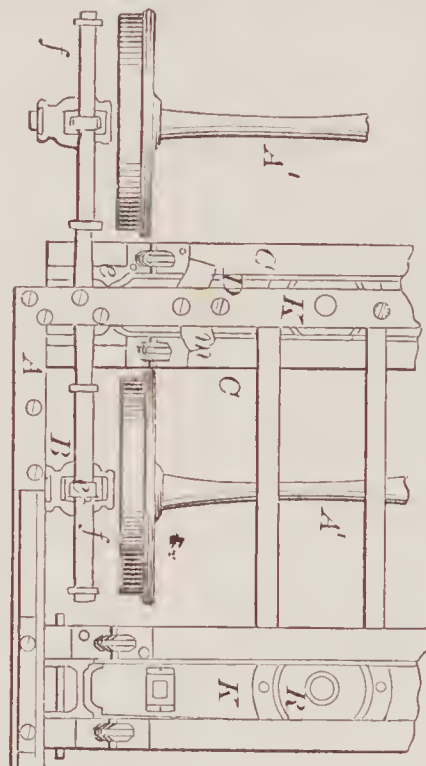
65790—J. F. Belleville—*Car Spring.*



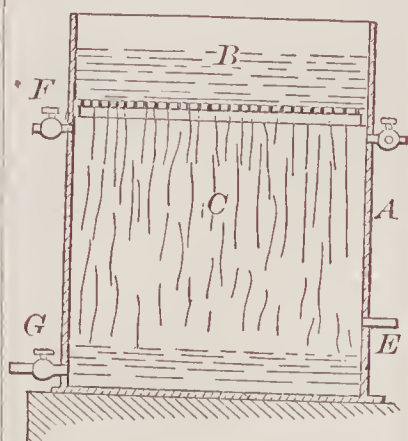
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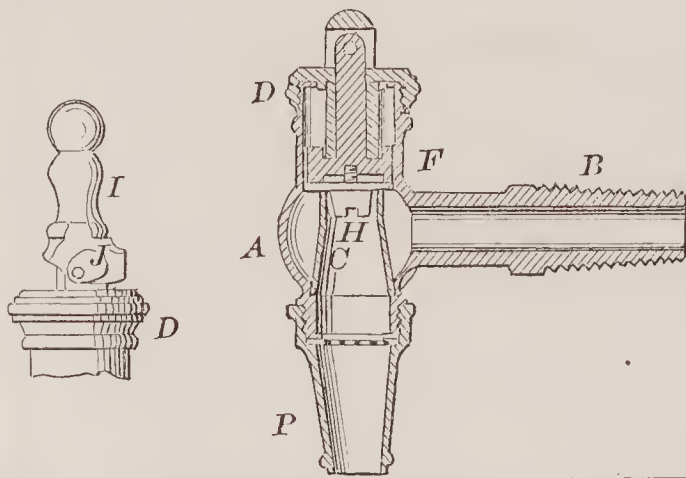
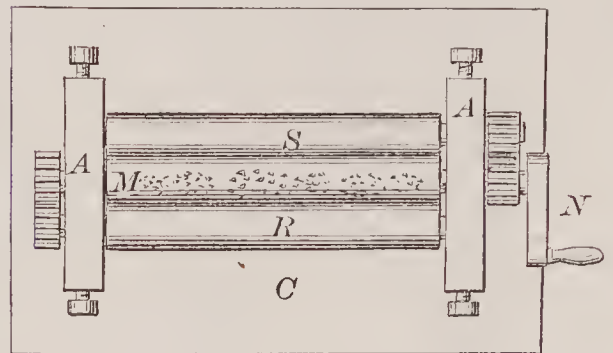
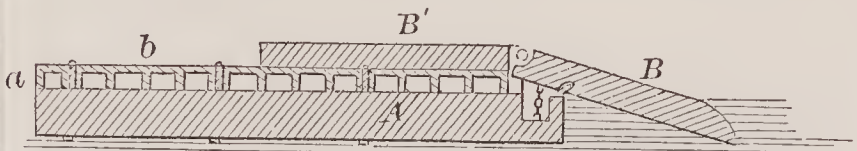
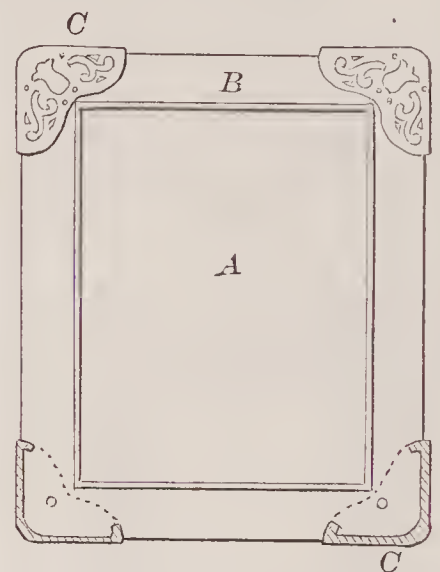
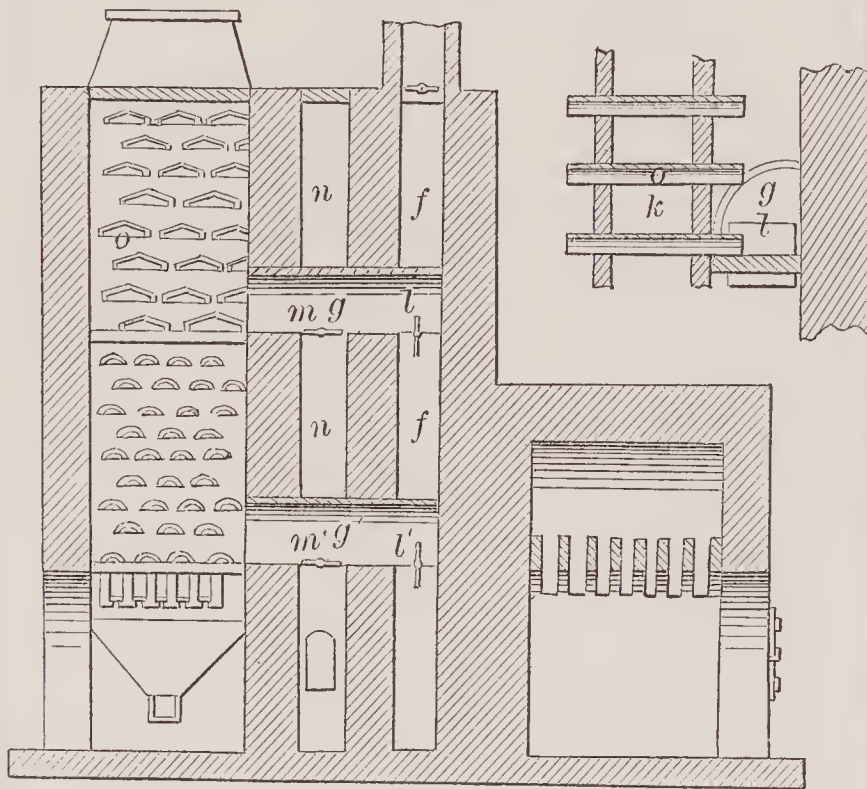
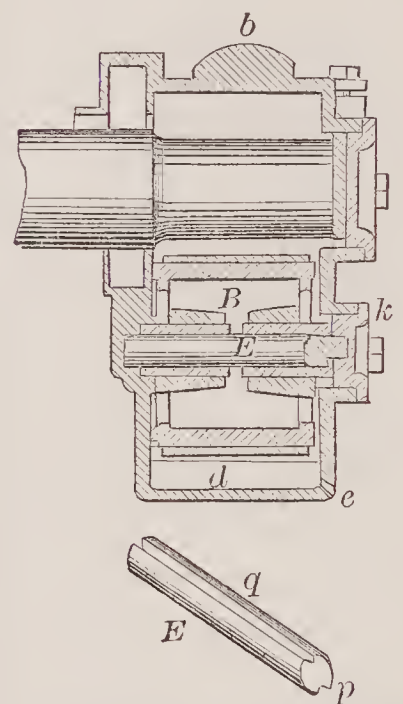
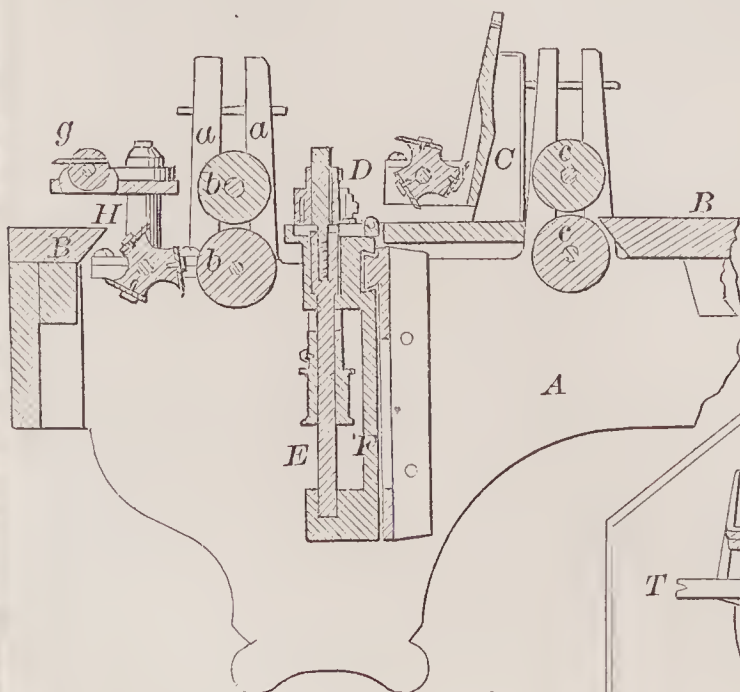
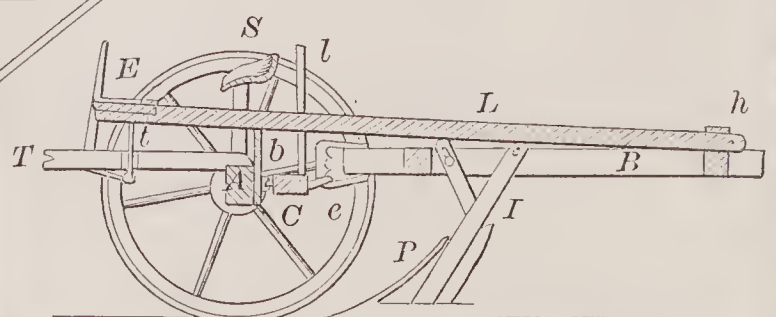


65788—C. F. Allen—*Car Truck.*

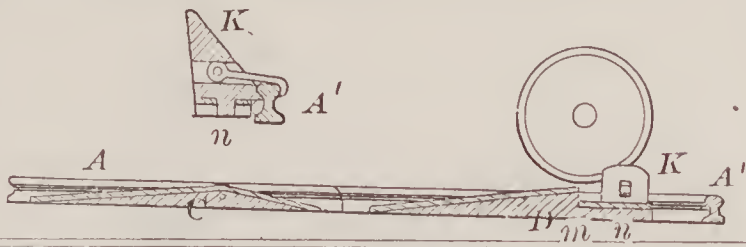


65786—W. Adamson—*Manufacturing Aerated Glue.*

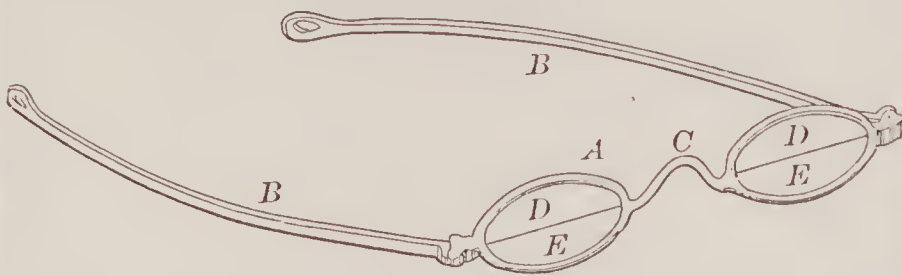


65791—M. Burnett—*Faucet.*65794—J. W. Cobb—*Mould for Rubber Goods.*65792—A. Carson—*Float or Raft.*65795—J. M. & J. Connel, Jr.—*Slate Frame.*65793—L. S. Chichester—*Grain Dryer.*65797—D. H. Dotterer —
Axle Box.65796—Doane & London—*Wood Planing Machine.*65798—C. L. Eastham—*Gang Plow.*

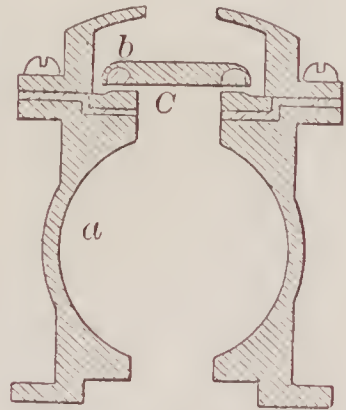
65799—N. H. Edgerton—*Car Replacer.*



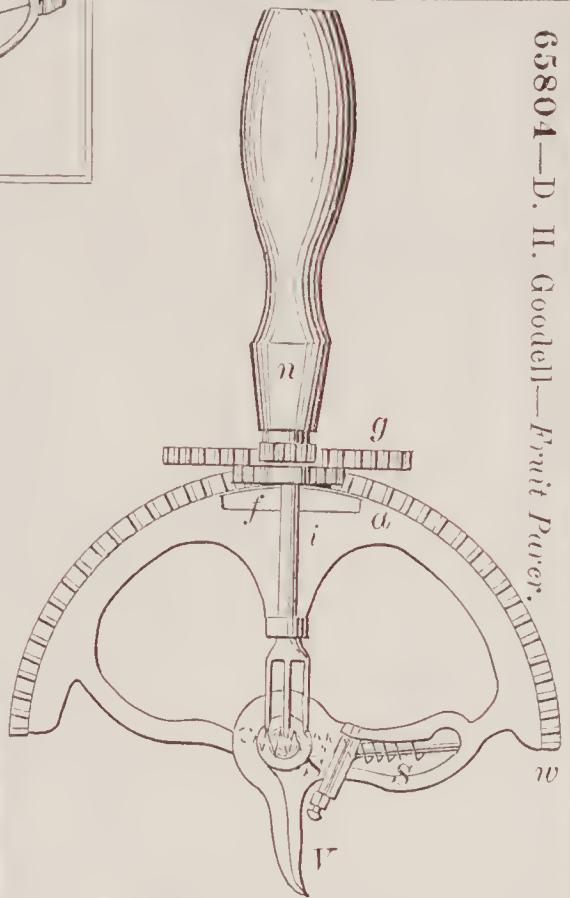
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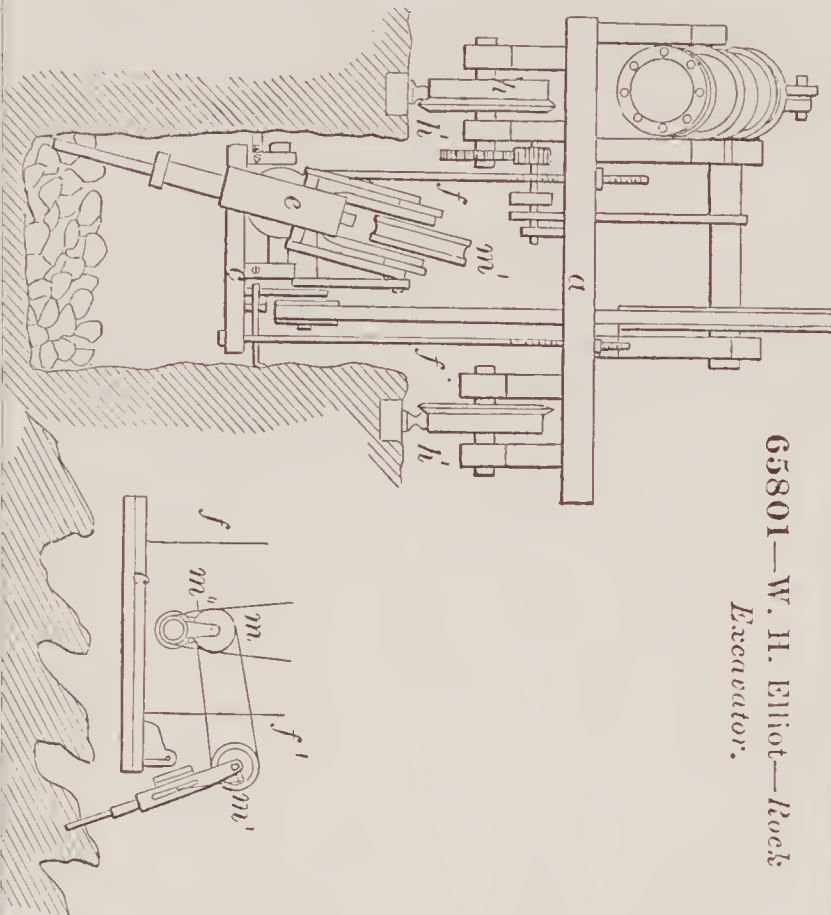
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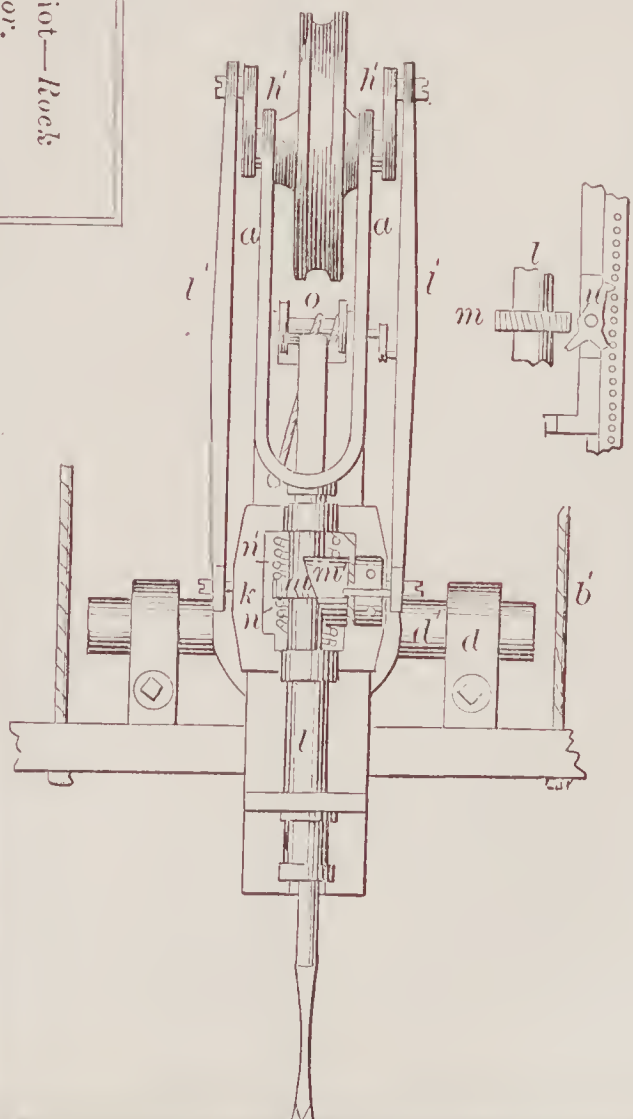
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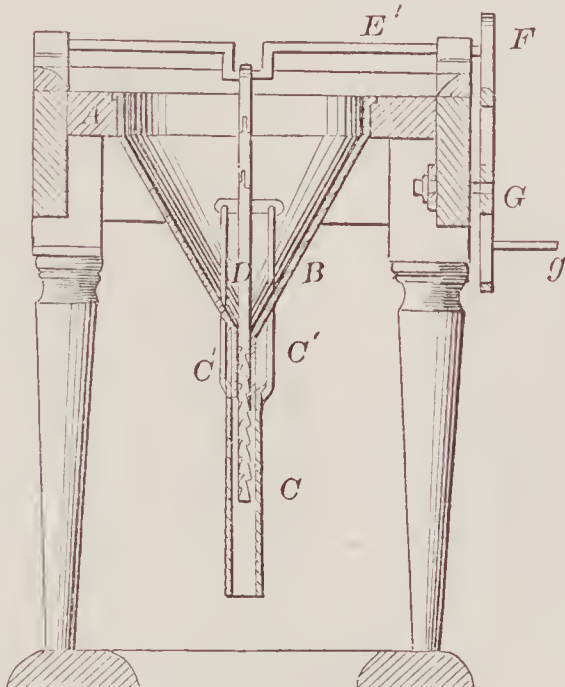
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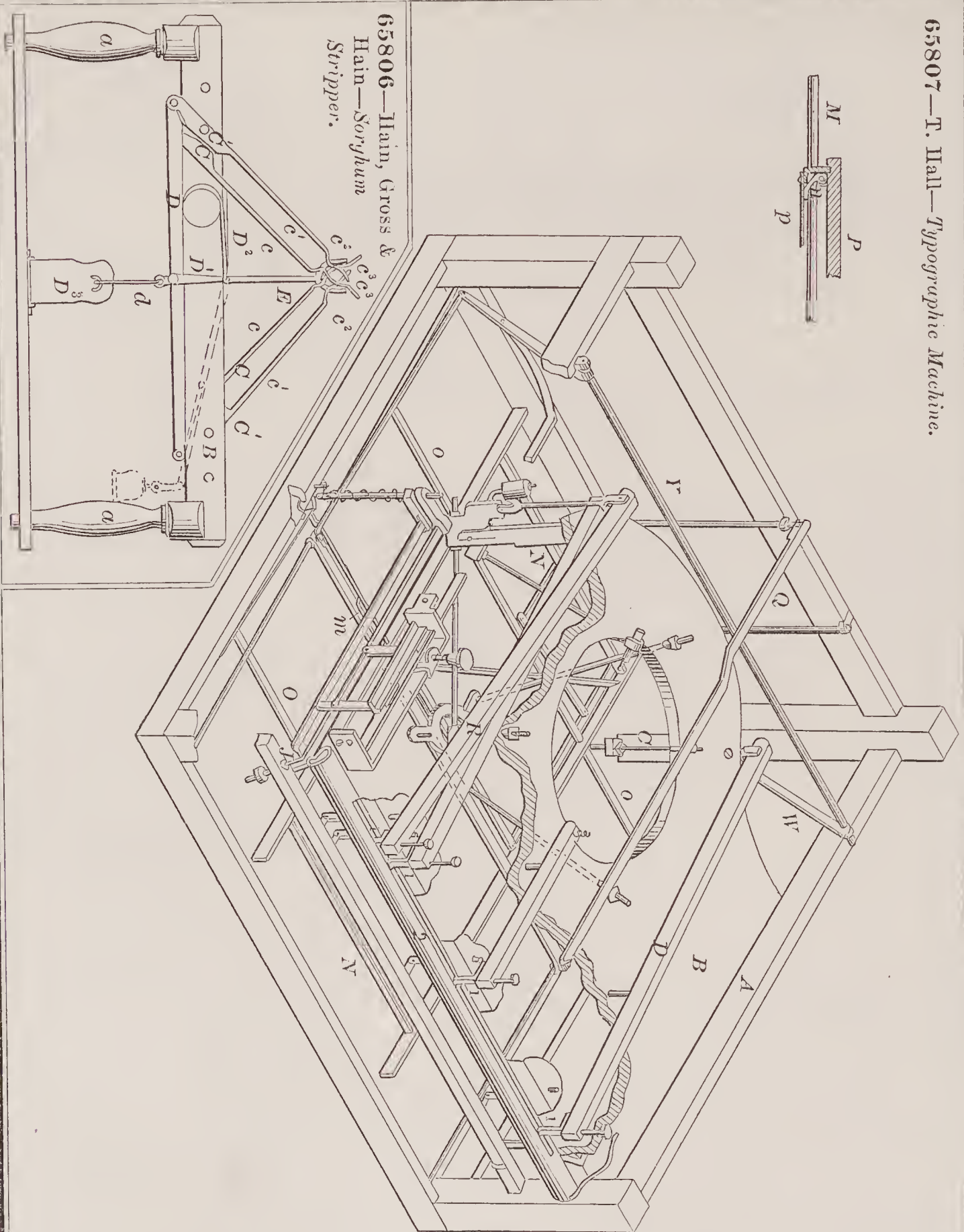
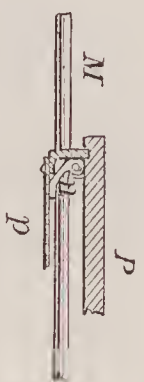
65802—W. H. Elliot—*Drilling Machine.*



65805—Hafer & Henderson—*Segar Making Machine.*



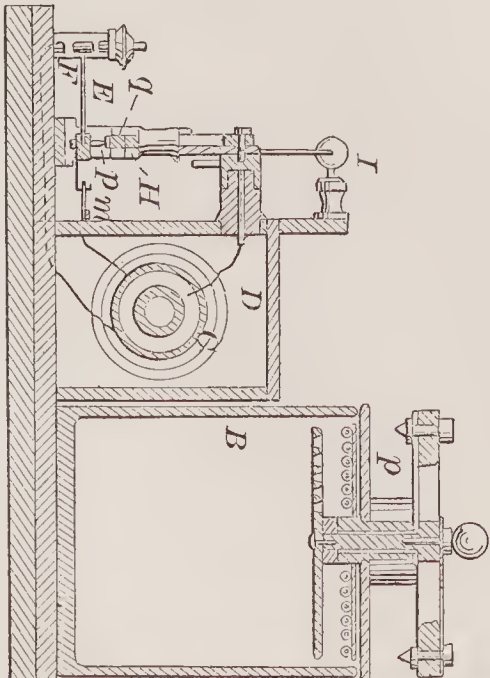
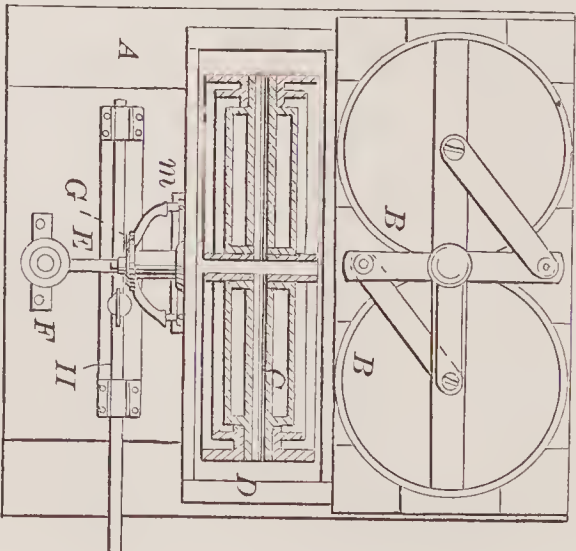
65807—T. Hall—*Typographic Machine.*



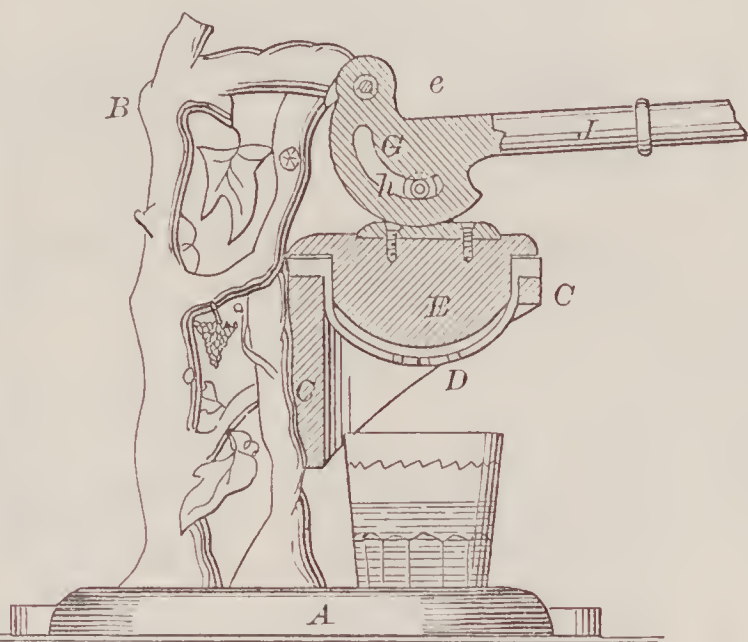
65806—Hain, Gross &
Hain—*Sorghum
Stripper.*



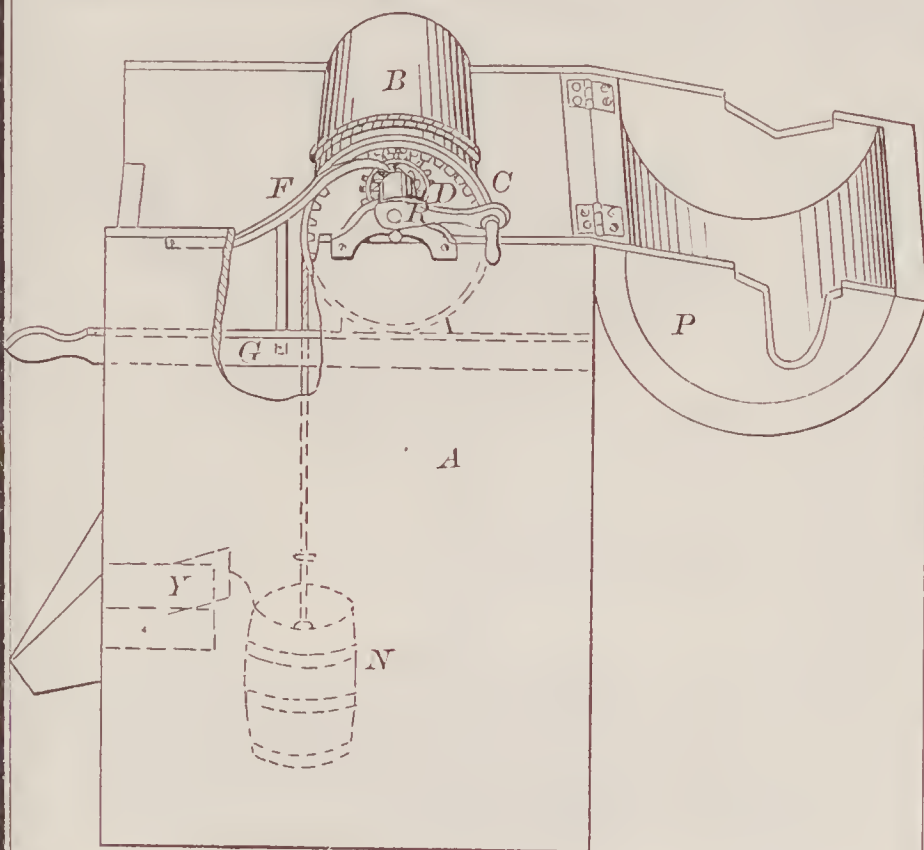
65808—O. Hammel—*Electric Apparatus
for Lighting Gas Engines.*



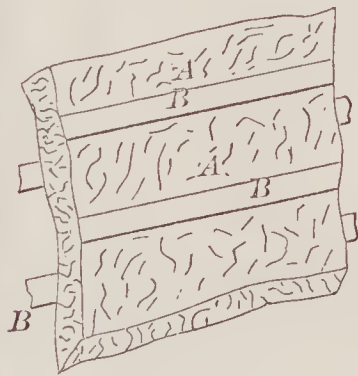
65809—Hesselbacher & Moesta—*Lemon Squeezer*.



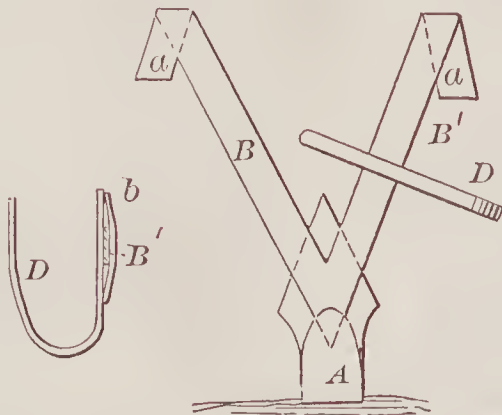
65811—T. Holmes—*Water Elevator.*



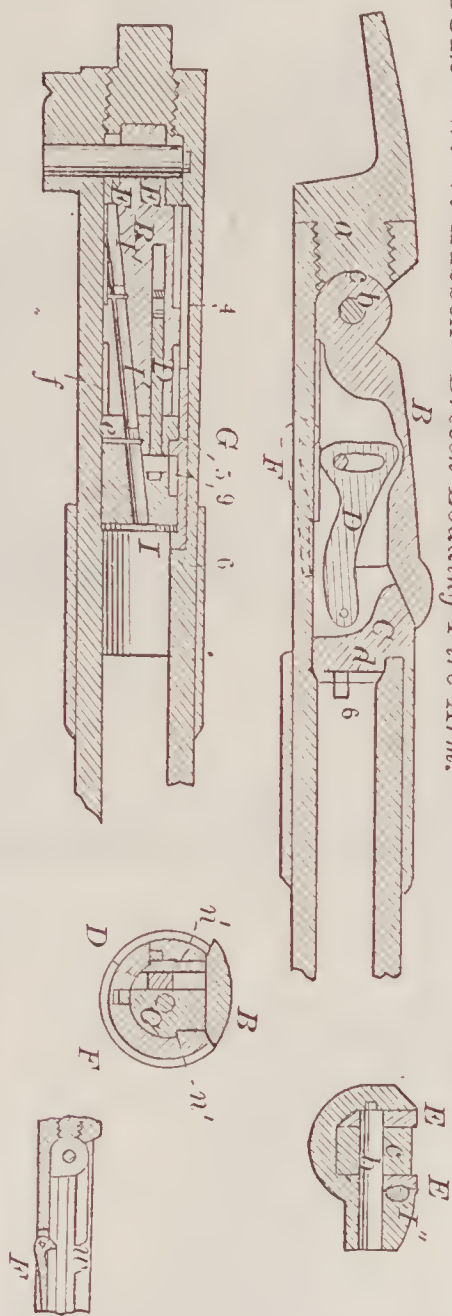
65814 M. A. Johnson—
Carpet Lining.



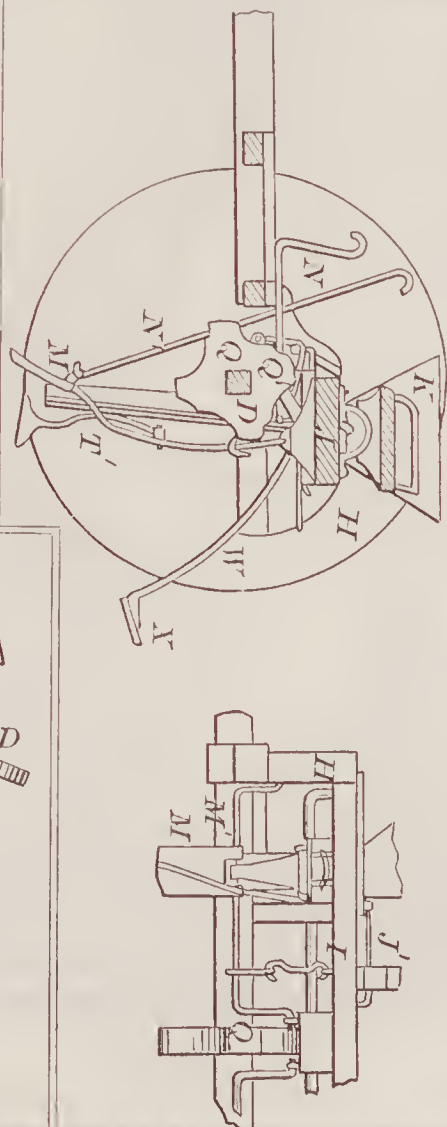
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Shoe Holder.



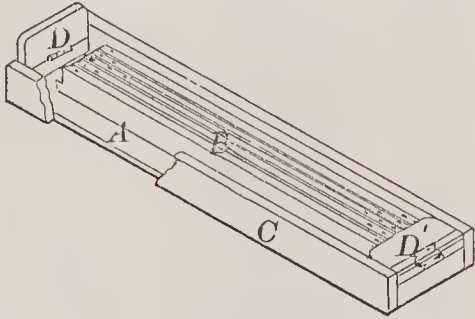
65812—W. W. Hubbell—*Breech-Loading Fire Arm.*



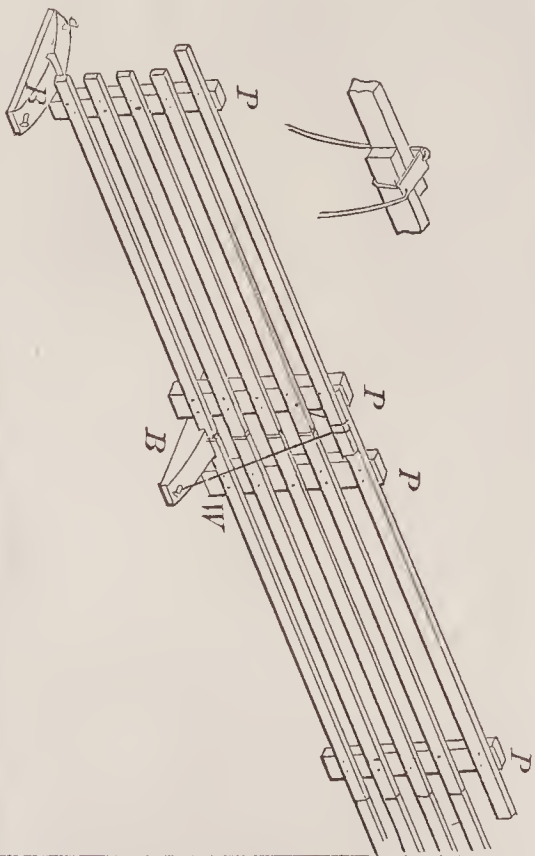
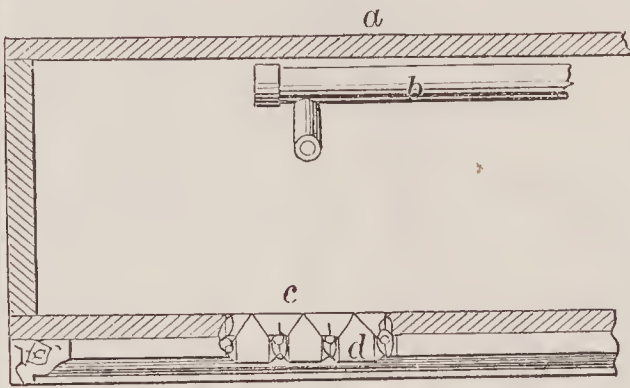
65810—C. T. Holman—Seed Planter.



65816—E. W. Keyes—*Parlor Ten Pin Alley.*

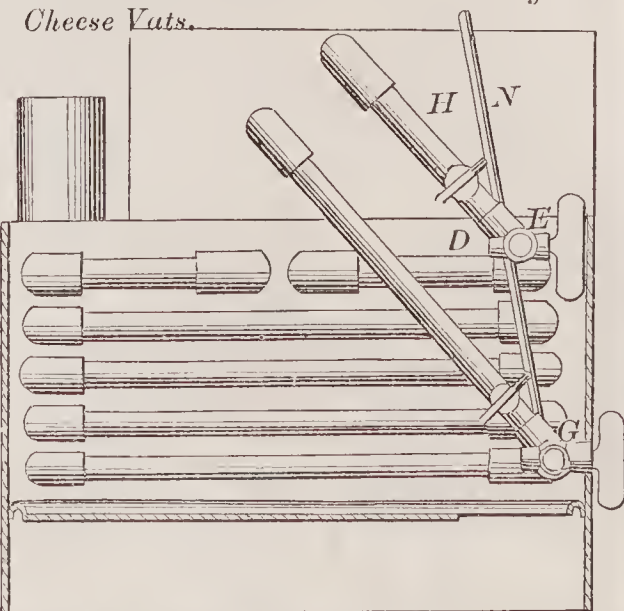


65817—G. H. Kitchen—*Sign.*

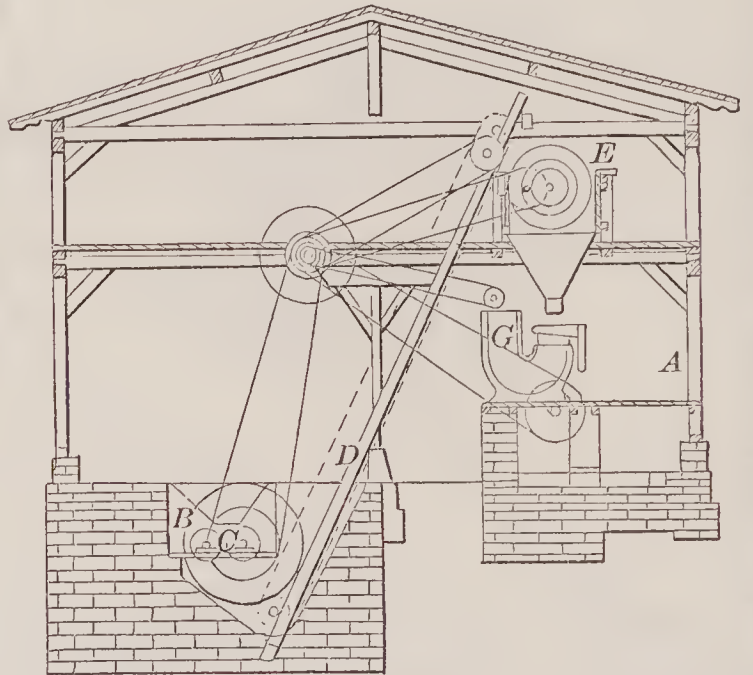


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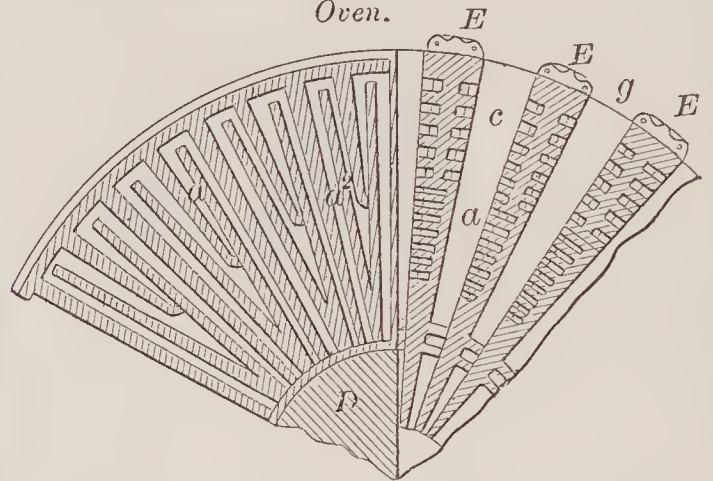
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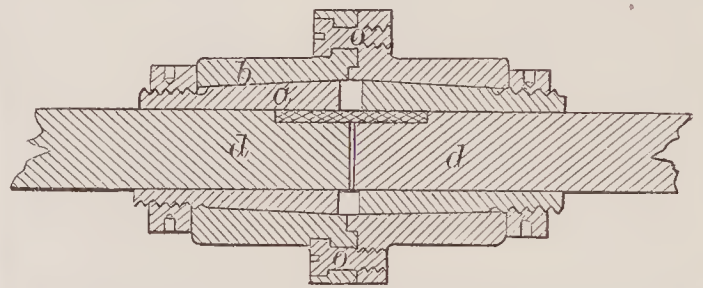
65818—A. Komp—*For Washing and Separating Coal.*



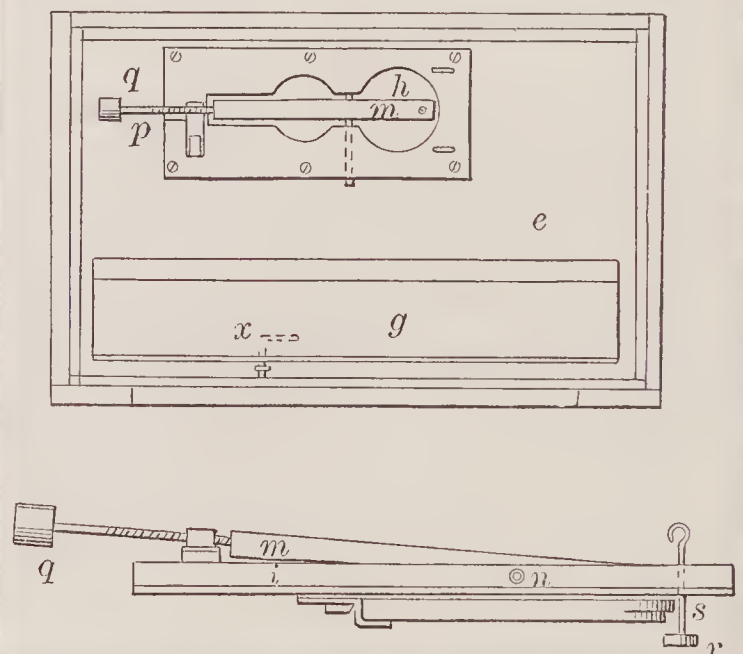
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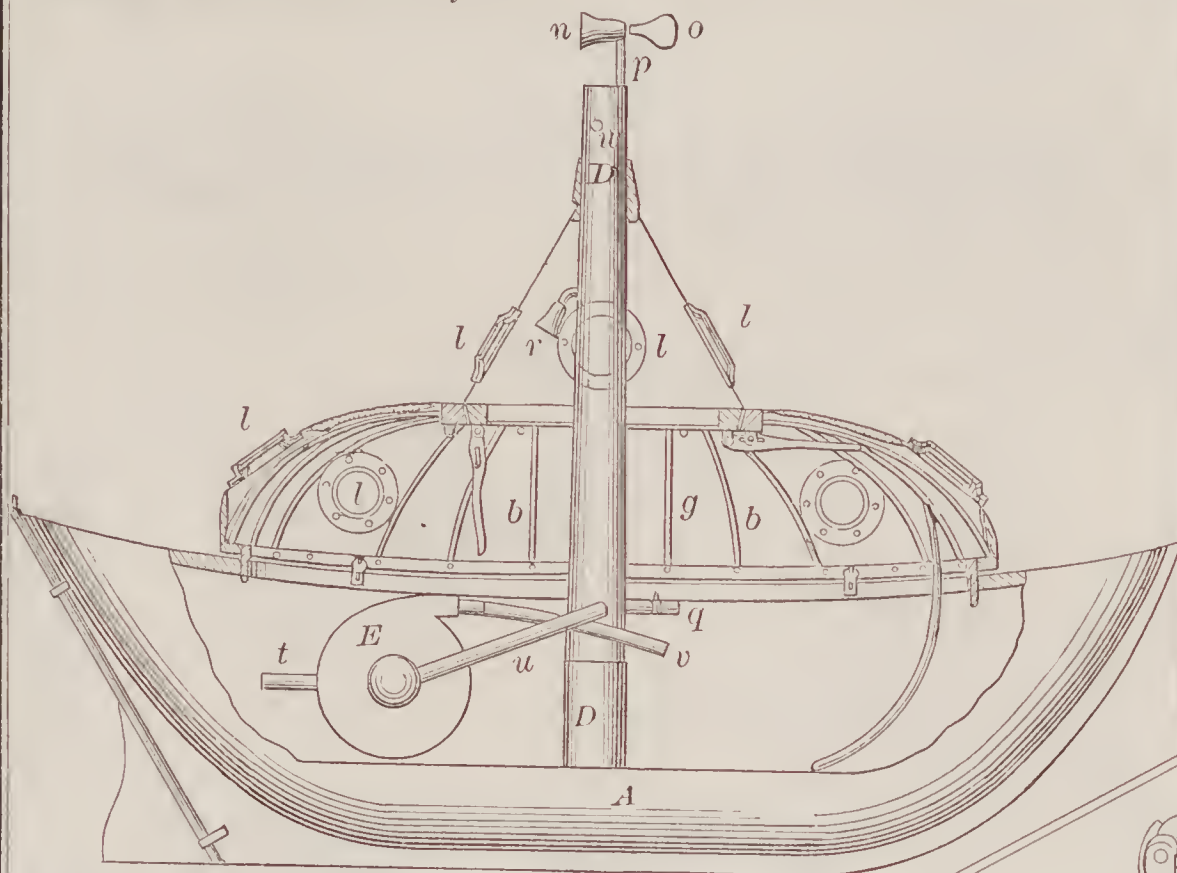
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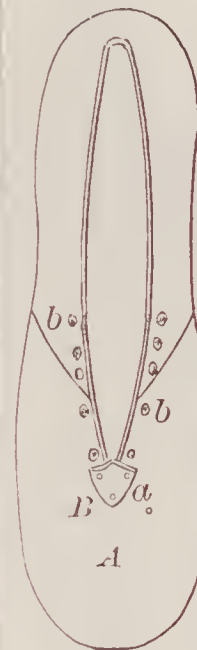
65822—L. Fayette—*Melodeon.*



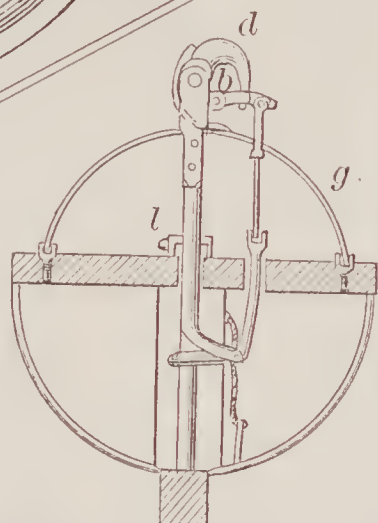
65824—M. V. Nobles—*Life Boat.*



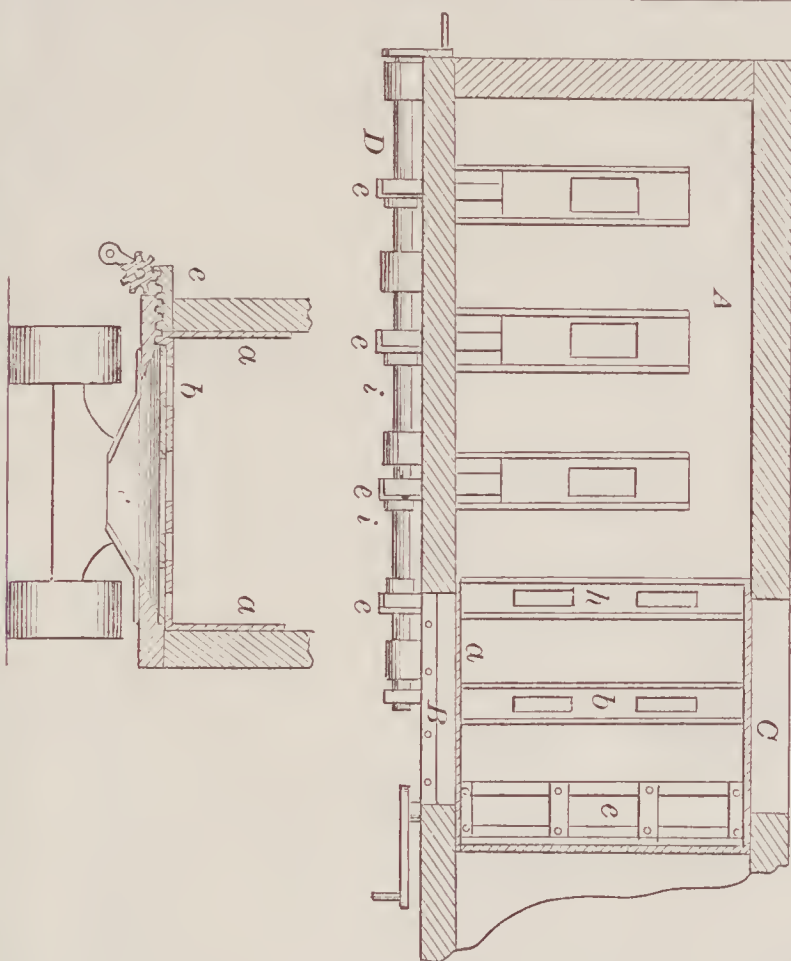
65829—T. K. Reed—*Sty for Boots and Shoes.*



65825—M. V. Nobles—*Boat Detaching Yackle.*



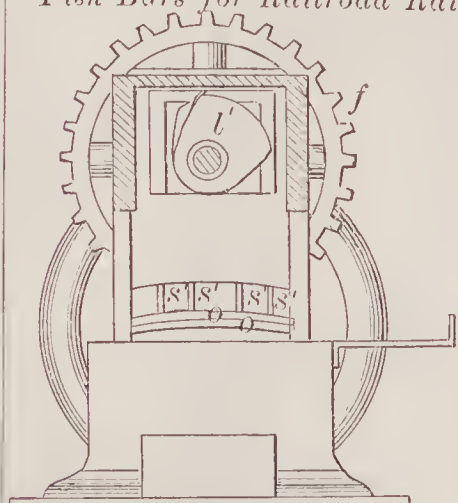
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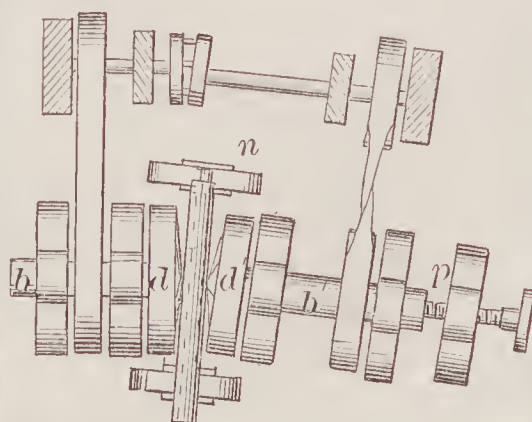
65827—A. W. Preston—*Glove for Husking Corn.*



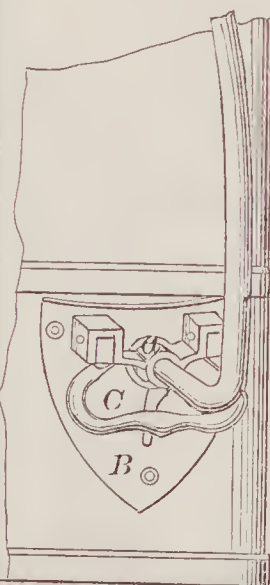
65831—J. Reese—*For Making Fish Bars for Railroad Rails.*



65832—J. Reese—*For Straightening Cylindrical Metal Bars.*



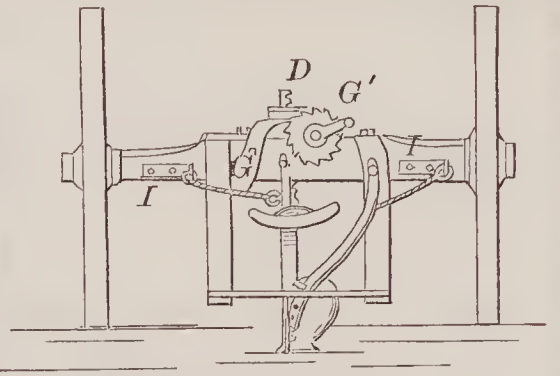
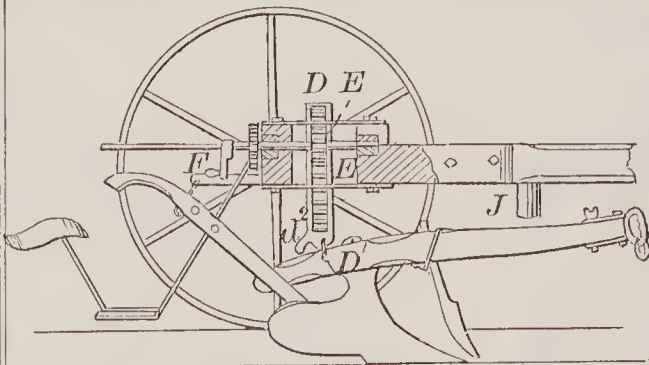
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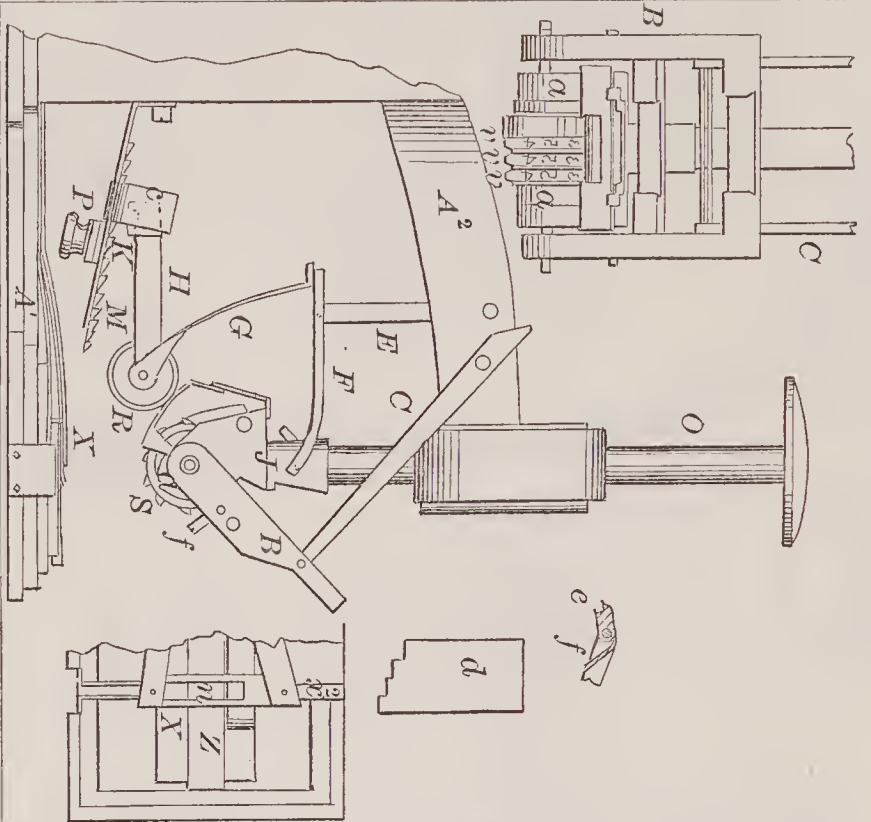
65833—C. E. Richards—
Paper Braid.



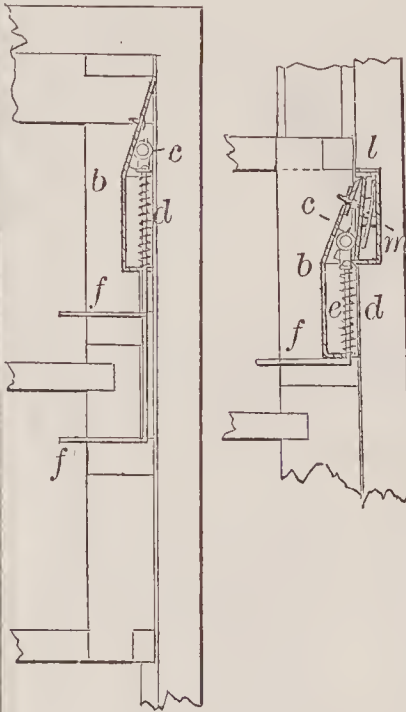
65834—J. C. Rogers—*Sulky Plow.*



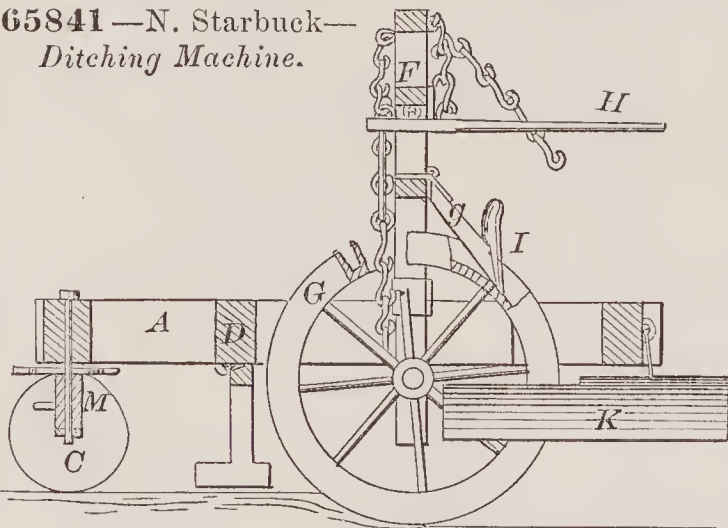
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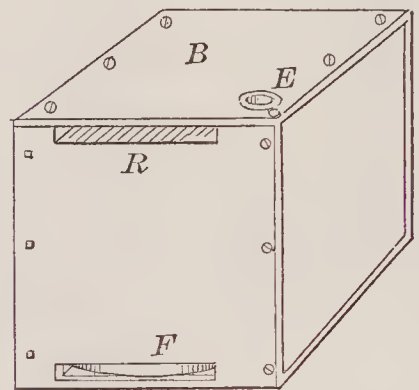
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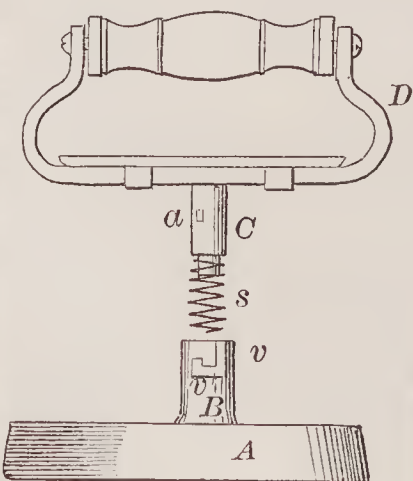
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Ditching Machine.



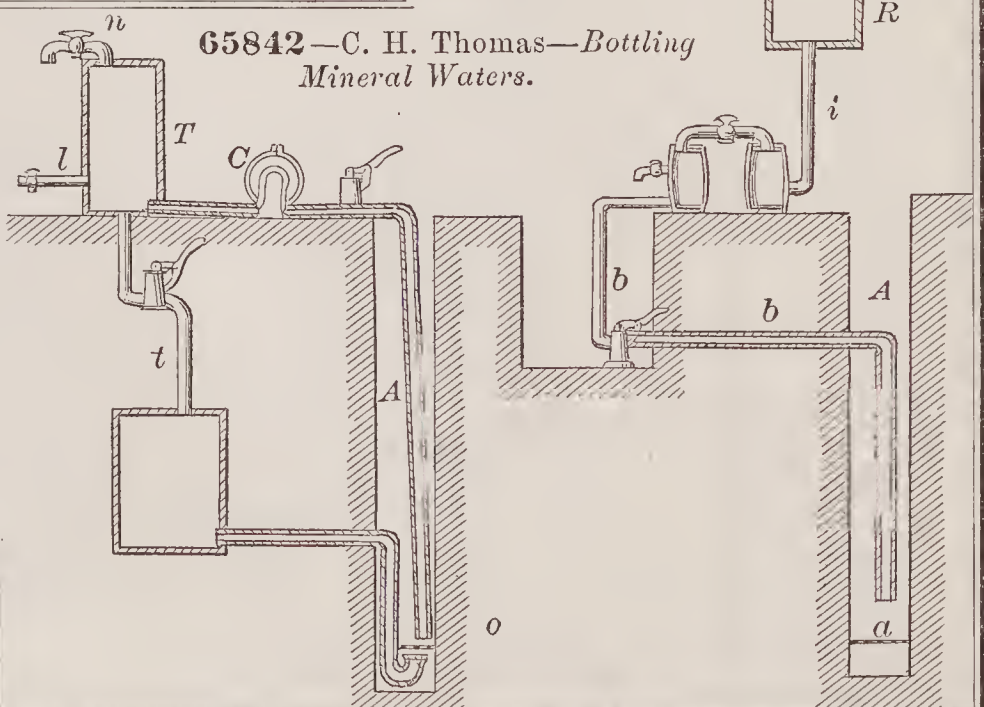
65836—D. Saunderson—
Boxing Oil Cans.



65837—W. Siefert—
Sad Iron.



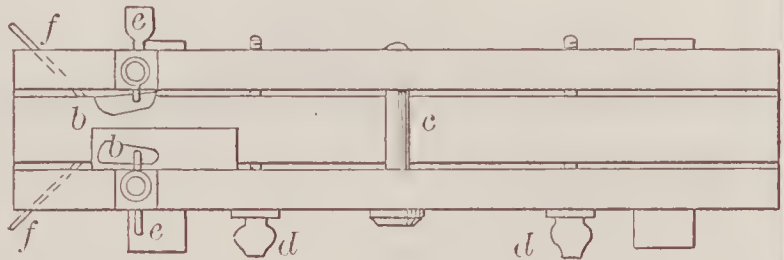
65842—C. H. Thomas—*Bottling
Mineral Waters.*



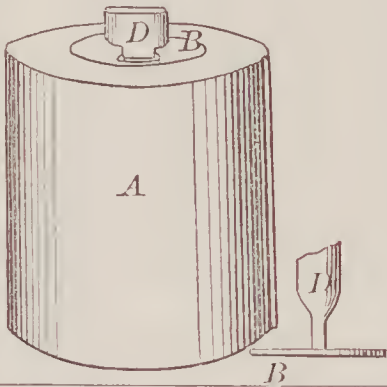
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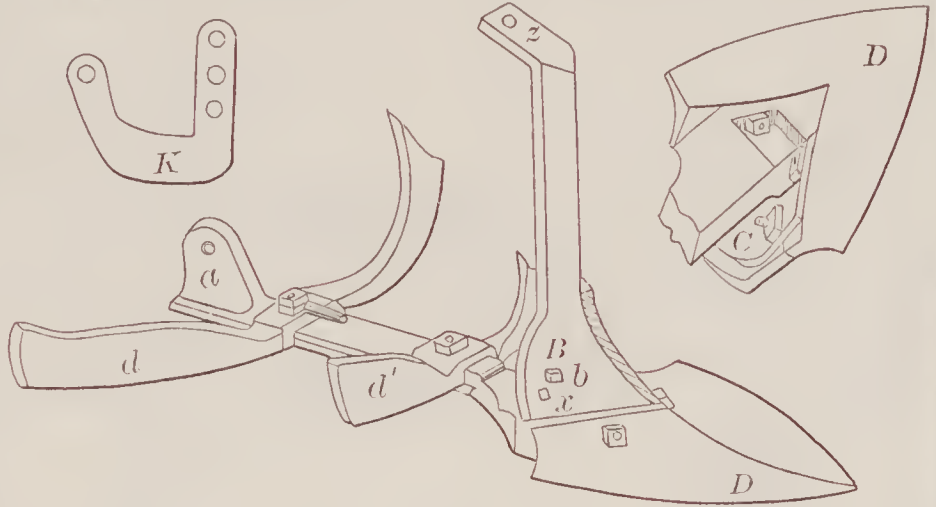
65845—J. F. Valentine—*For Dressing Harness Side Straps.*



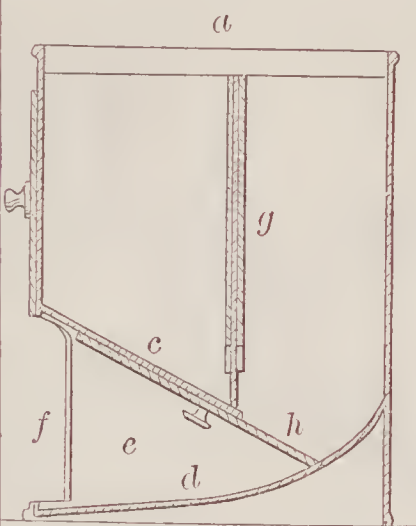
65844—W. H. Trissler—*Preserving Fruit.*



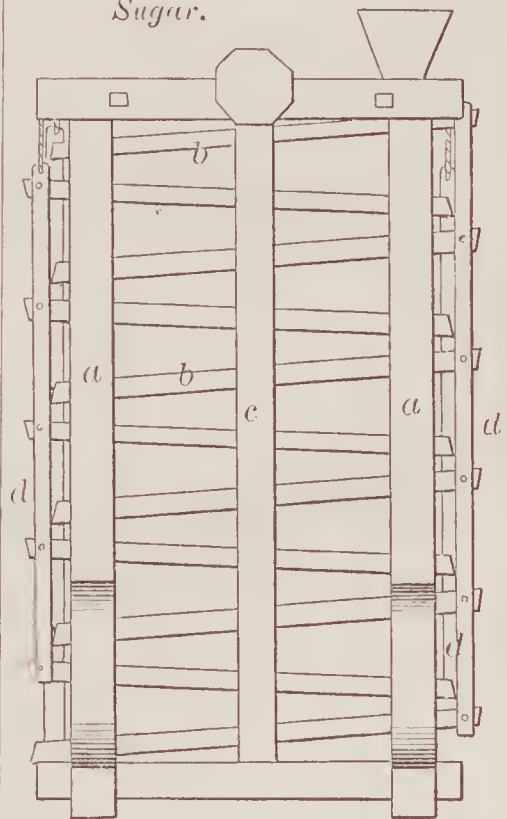
65847—T. P. Warren—*Cotton Plow and Scraper.*



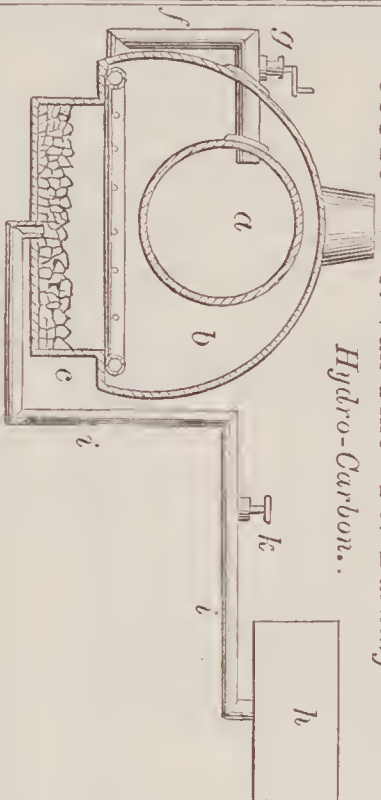
65849—W. Welbourne—*Tea Canister.*



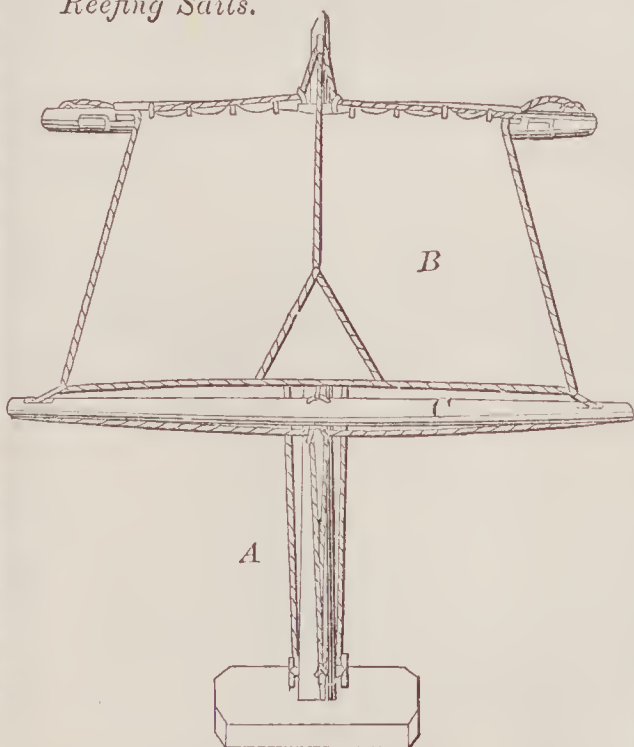
65848—Watson & Spencer—*Manufacture of Sorghum Sugar.*



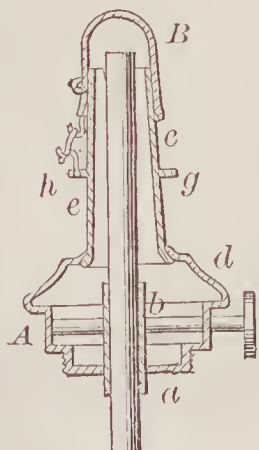
65846—H. C. Van Tine—*For Burning Hydro-Carbon.*



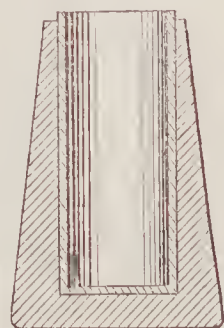
65852—W. Wyatt—*For Furling and Reefing Sails.*

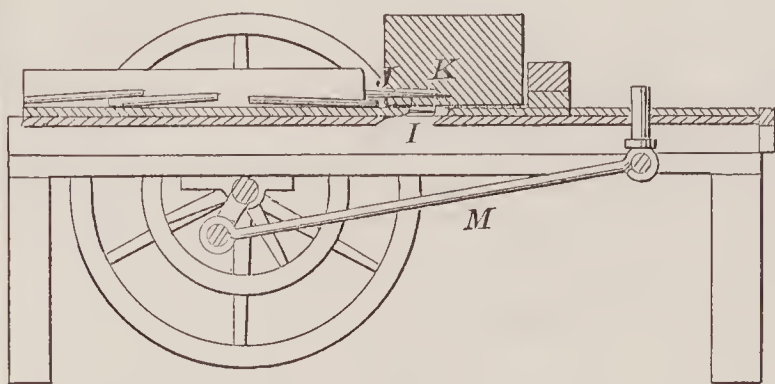
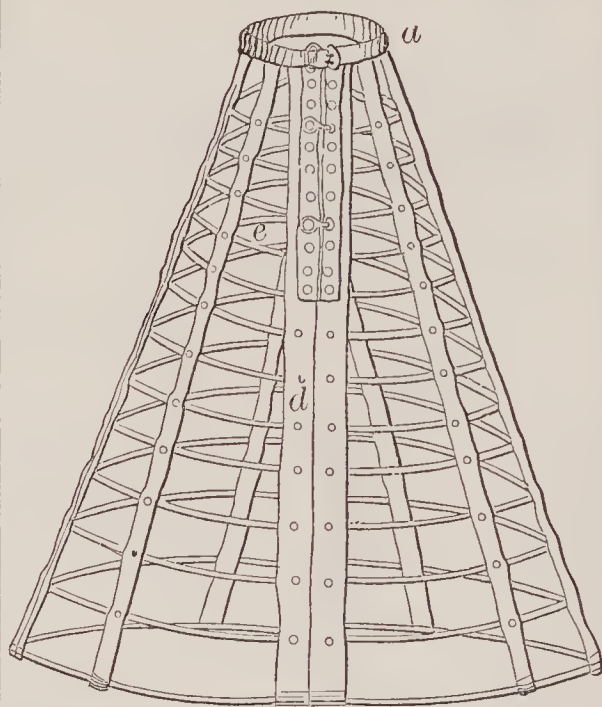
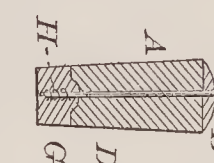
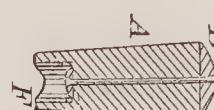
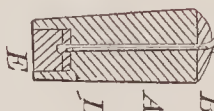
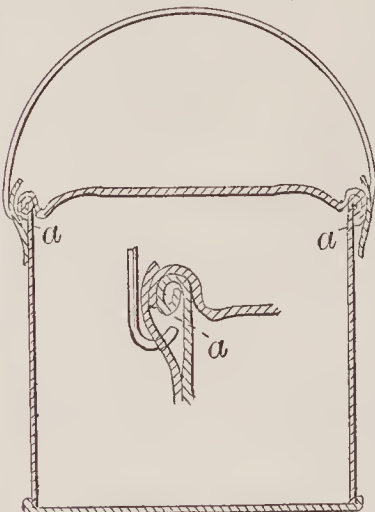
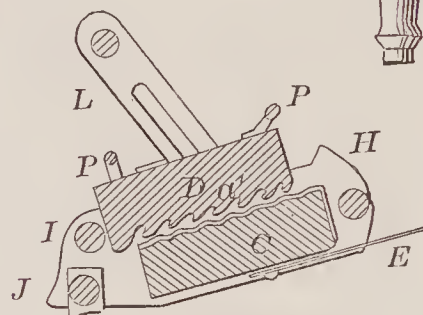
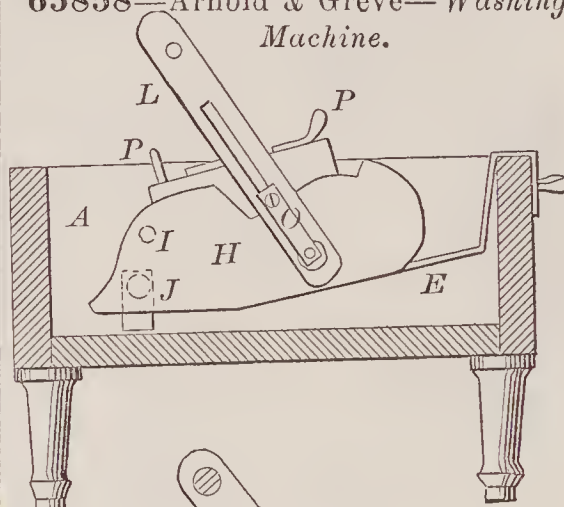
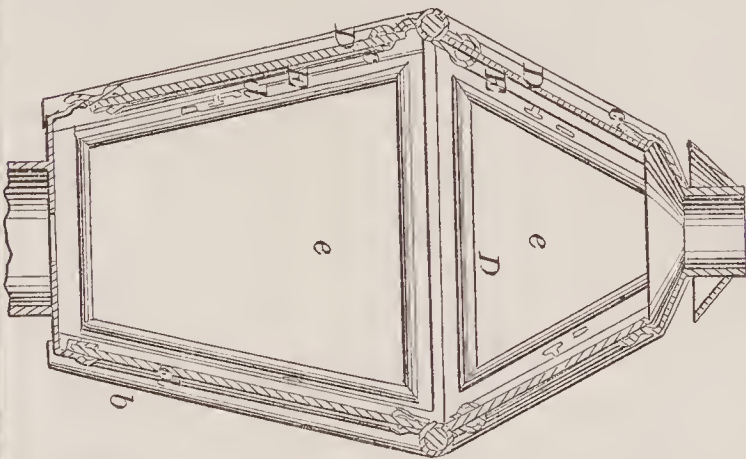
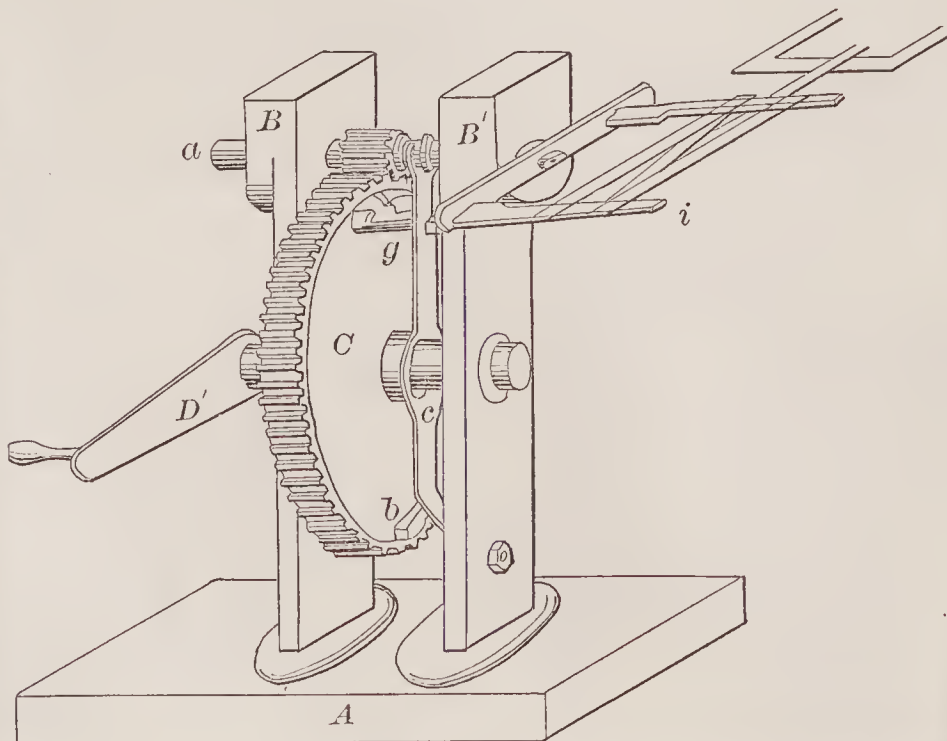
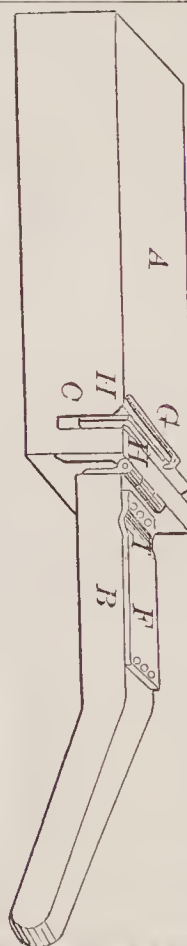


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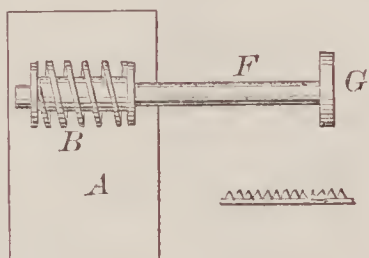


65850—C. V. Wilson—*Pot for Lead Baths for Tempering Steel, &c.*

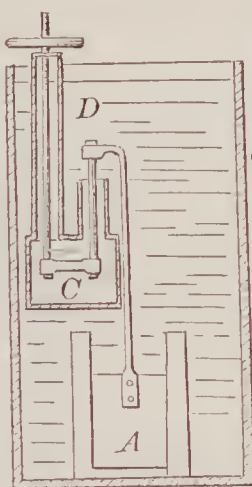


65853—C. L. Zeidler—*For Making Match Splints.*65854—E. Adams, Jr.—*Hoop Skirt.*65855—J. C. Adams—*Metallic Paint Keg.*65857—J. B. Alexander—*Bottle Stopper.*65858—Arnold & Greve—*Washing Machine.*65860—Avery & Nichols—*Street Lantern.*65859—W. R. Arnold—*Lapping Braid.*65856—J. Adams—*For Fastening Bale Ties.*

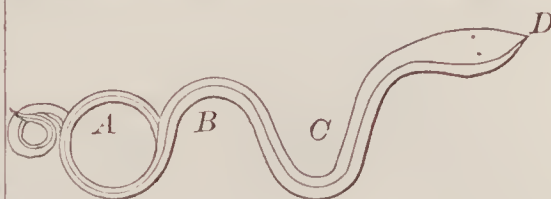
65861—C. H. Bagley—*Feed Roller for Lamp Wicks.*



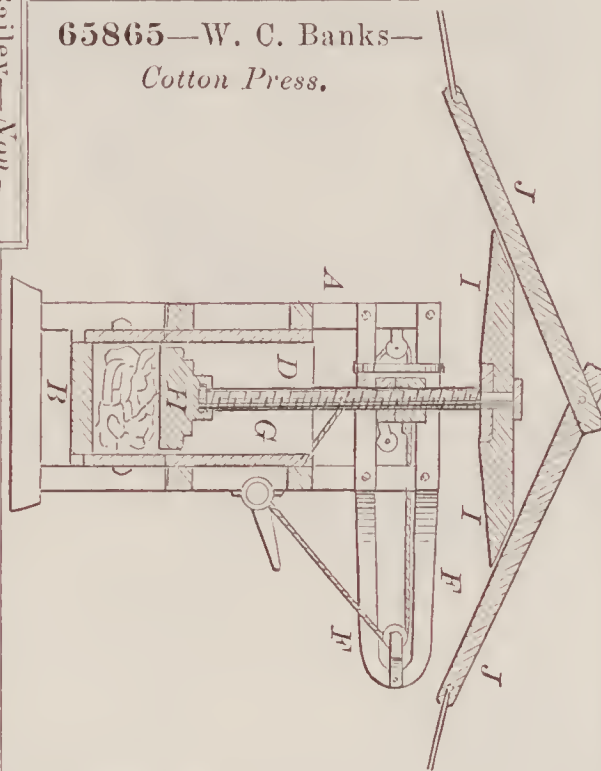
65862—A. M. Bailey—*Non-Freezing Water Gate.*



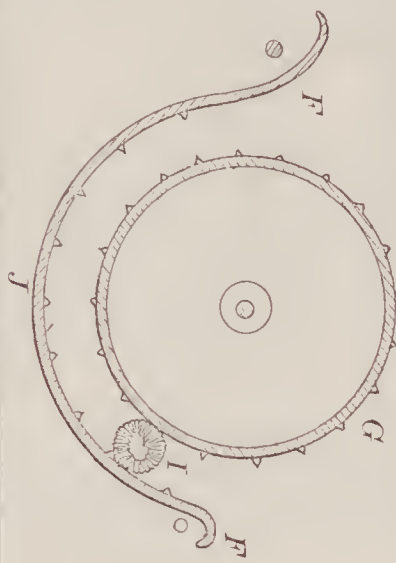
65867—E. M. Bates—*Corn Husker.*



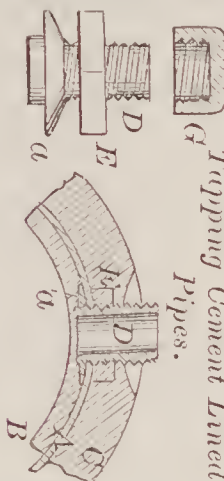
65865—W. C. Banks—*Cotton Press.*



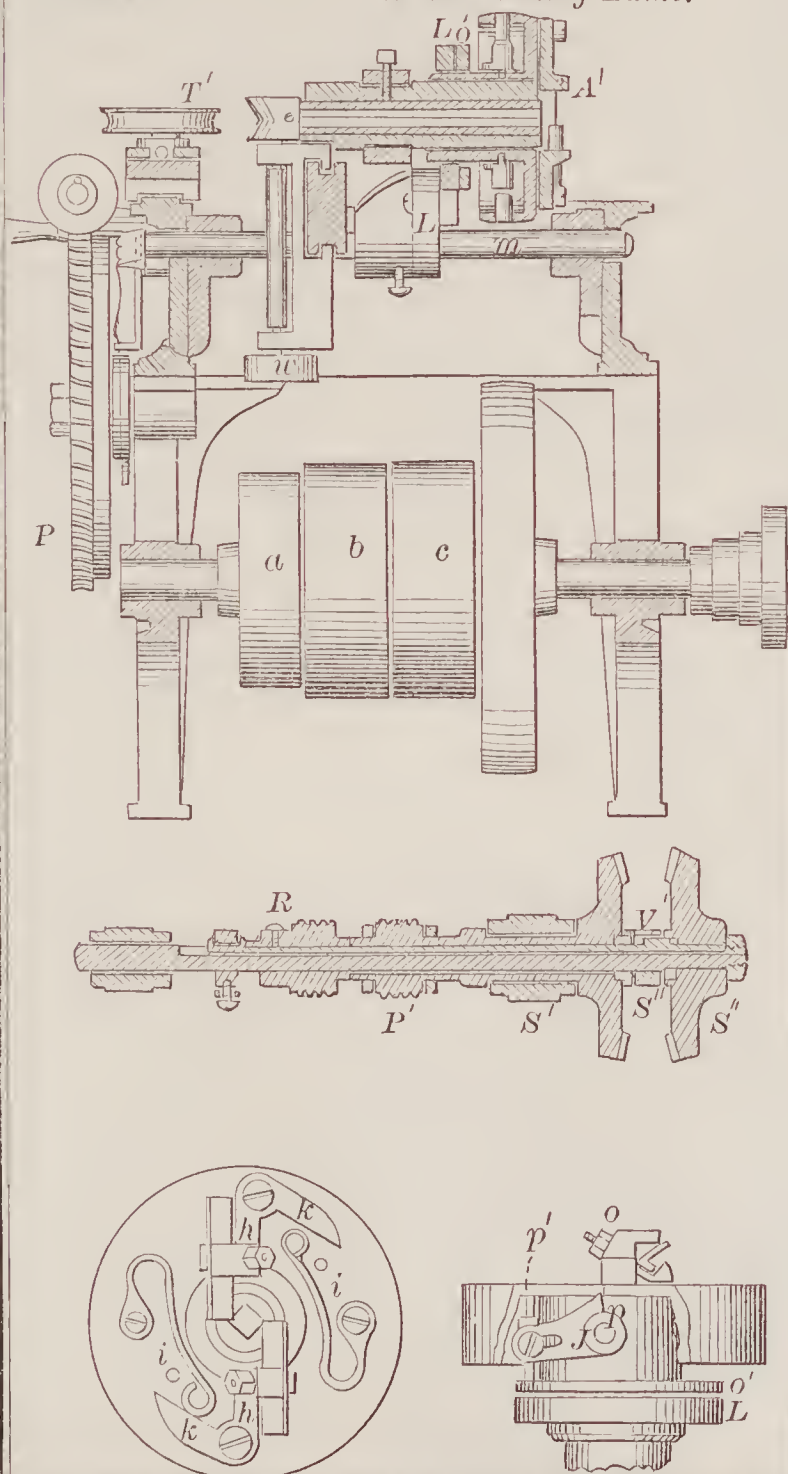
65868—F. A. Bolles—*Corn Shelter.*



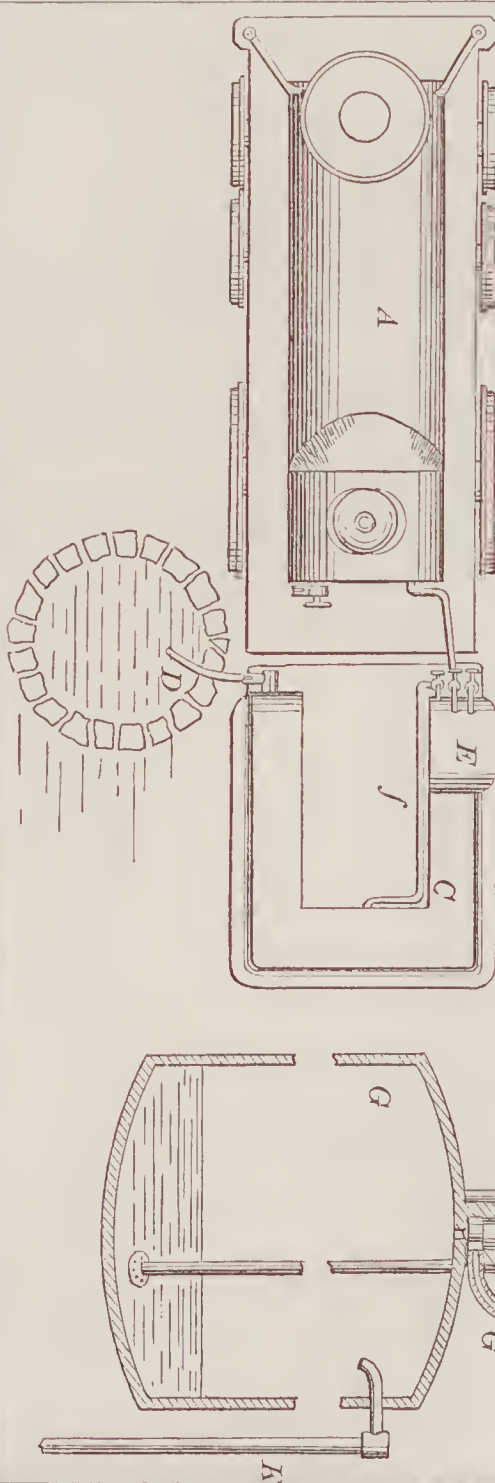
65863—G. H. Bailey—*For Tapping Cement Lined Pipes.*

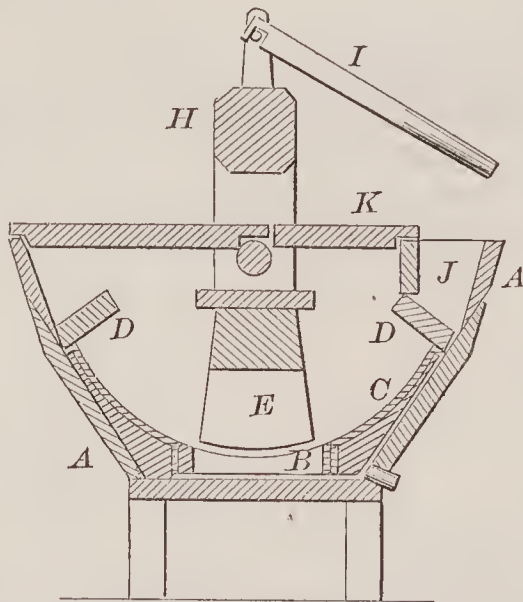
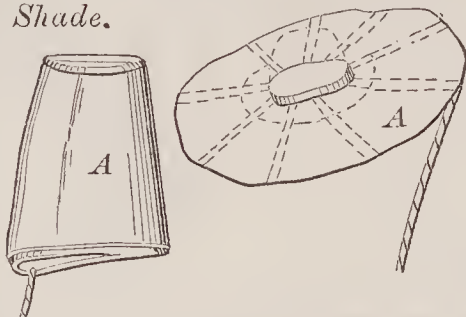
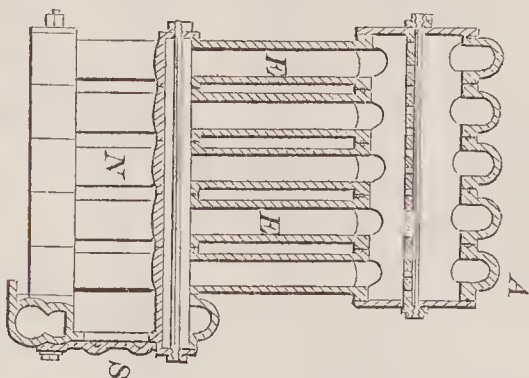
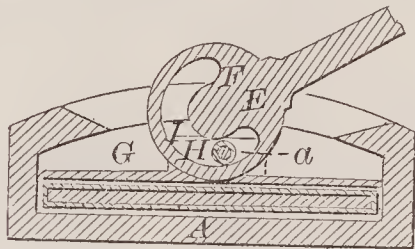
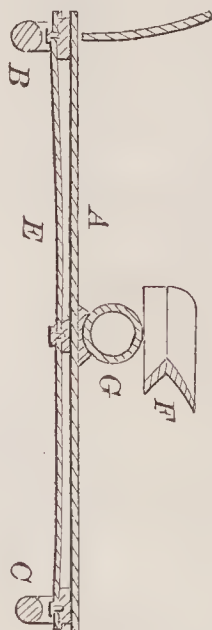
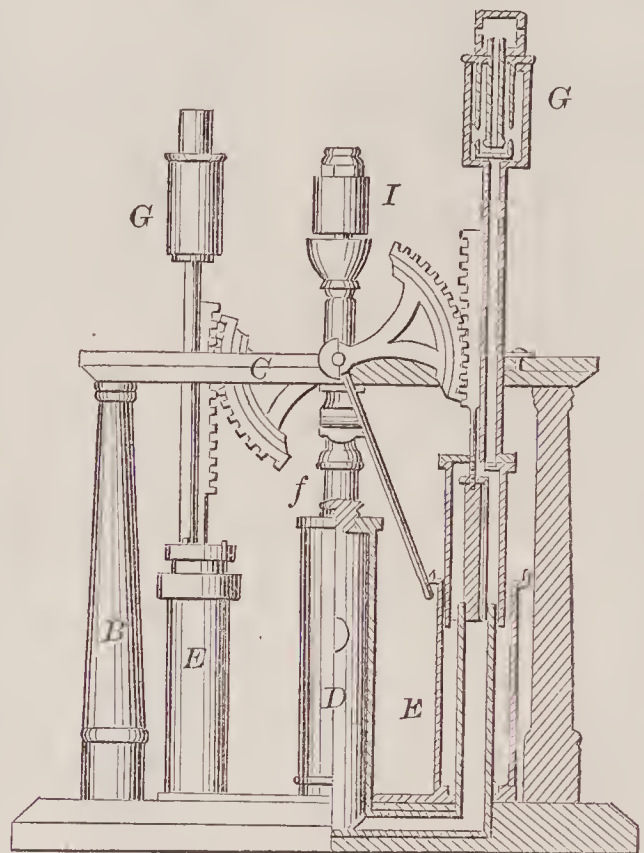
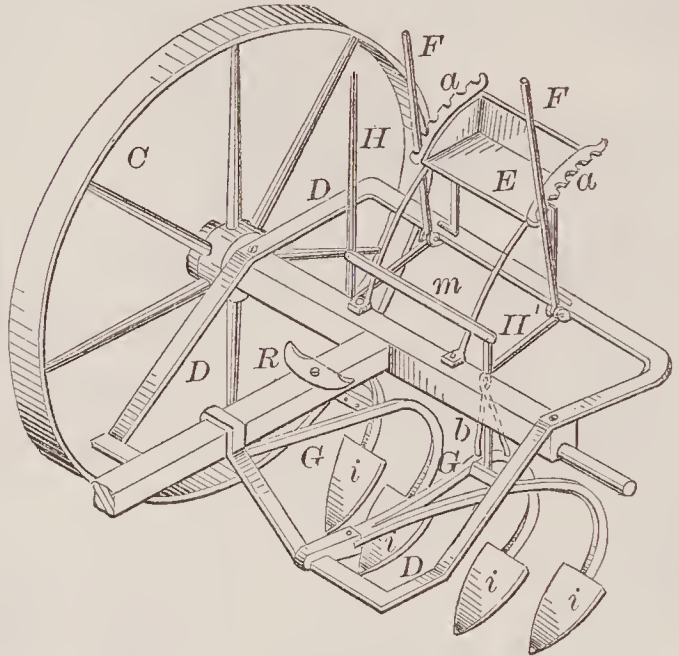
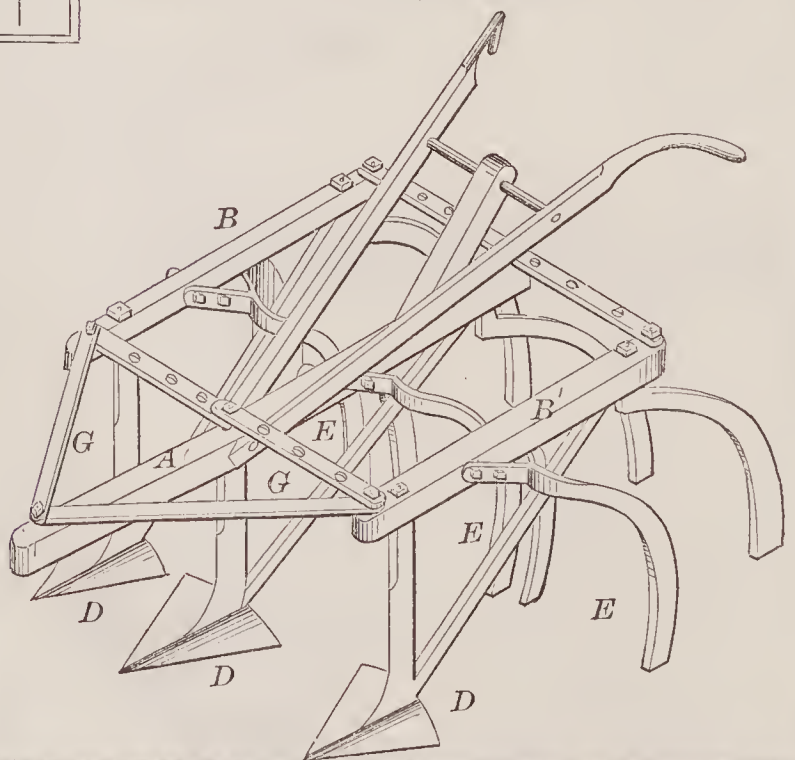


65864—F. Baldwin—*Wood Turning Lathe.*

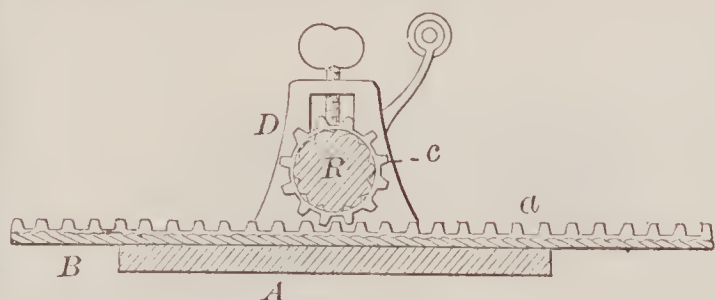


65869—Brassington & Burtnett—*Supplying Locomotive Tenders with Water.*

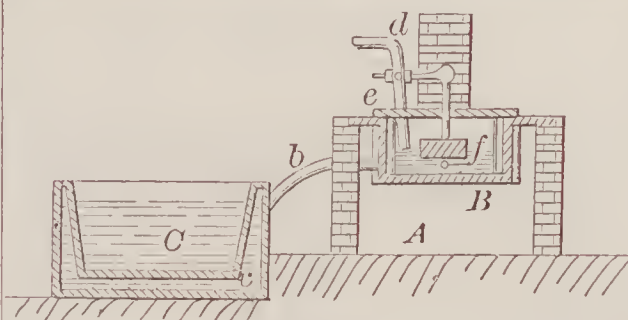


65870—A. Brooks—*Washing Machine.*65871—J. W. Browne—*Pocket Sun Shade.*65873—S. G. Cabell—*Copying Press.*65874—T. S. Clogston—*Steam Generator.*65876—C. Conderman—*Carriage.*65872—S. G. Cabell—*Air Pump for Marine Alarms.*65875—B. C., T. W. & J. M. Cochran—*Cultivator.*65877—G. W. Cooper—*Rice Cultivator.*

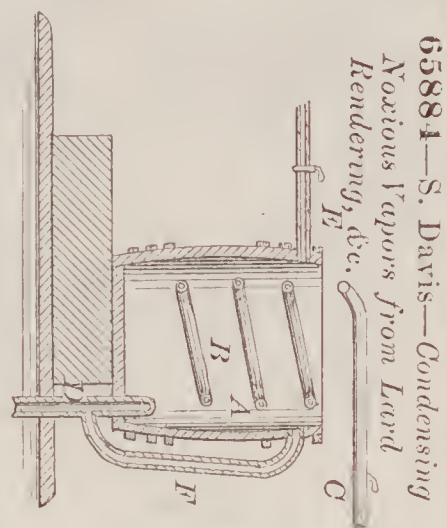
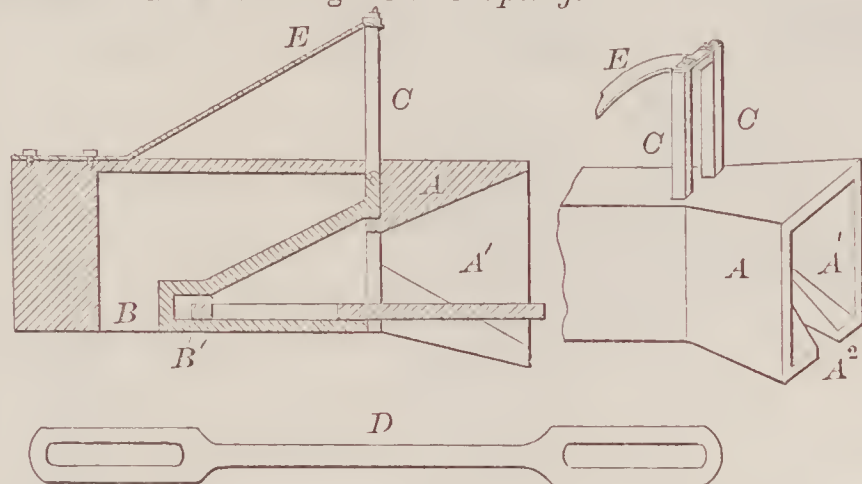
65878—G. A. Cover—*Meat Mangle.*



65881—Crumb & Sears—*Cheese Vat.*

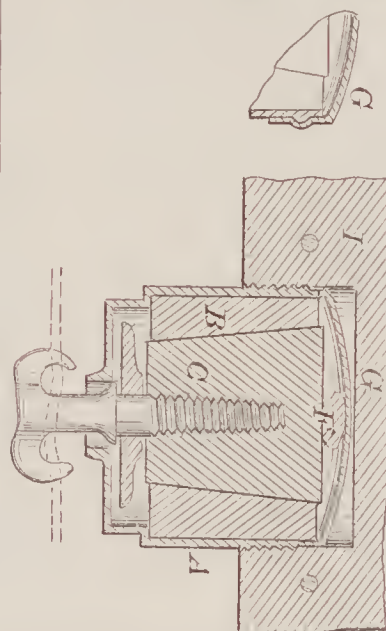
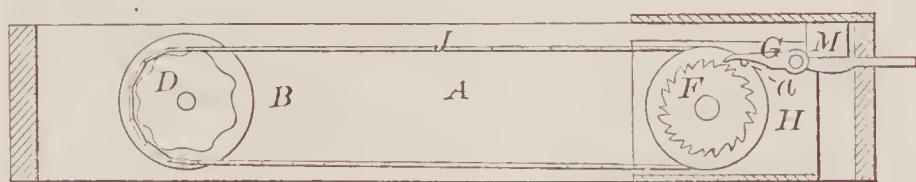
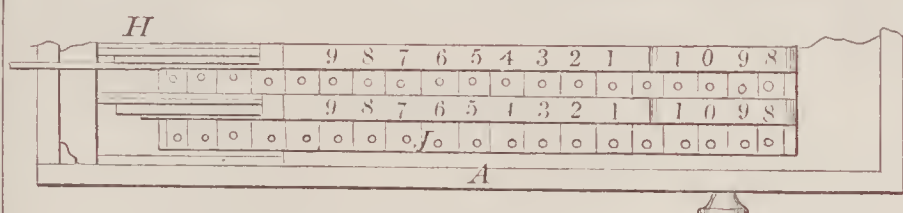


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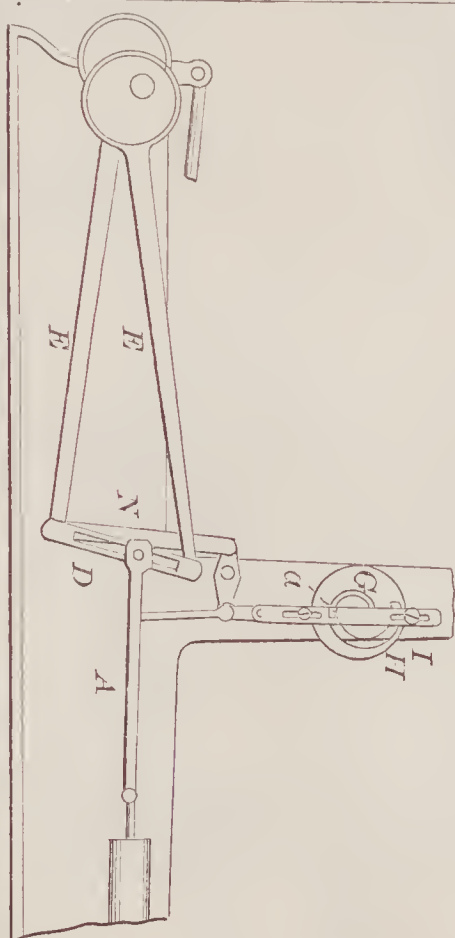


65884—S. Davis—*Condensing Noxious Vapors from Lard Rendering, &c.*

65883—A. W. Davies—*Computing Machine.*

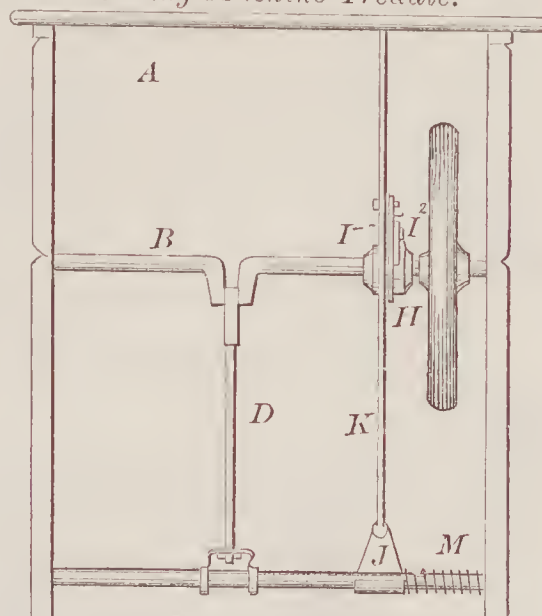


65886—A. B. Day—*Telegraph Wire Insulator.*

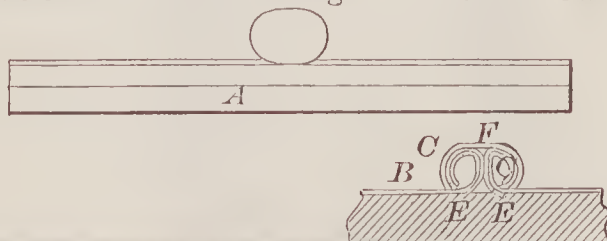


65885—T. S. Davis—*Steam Engine Governor.*

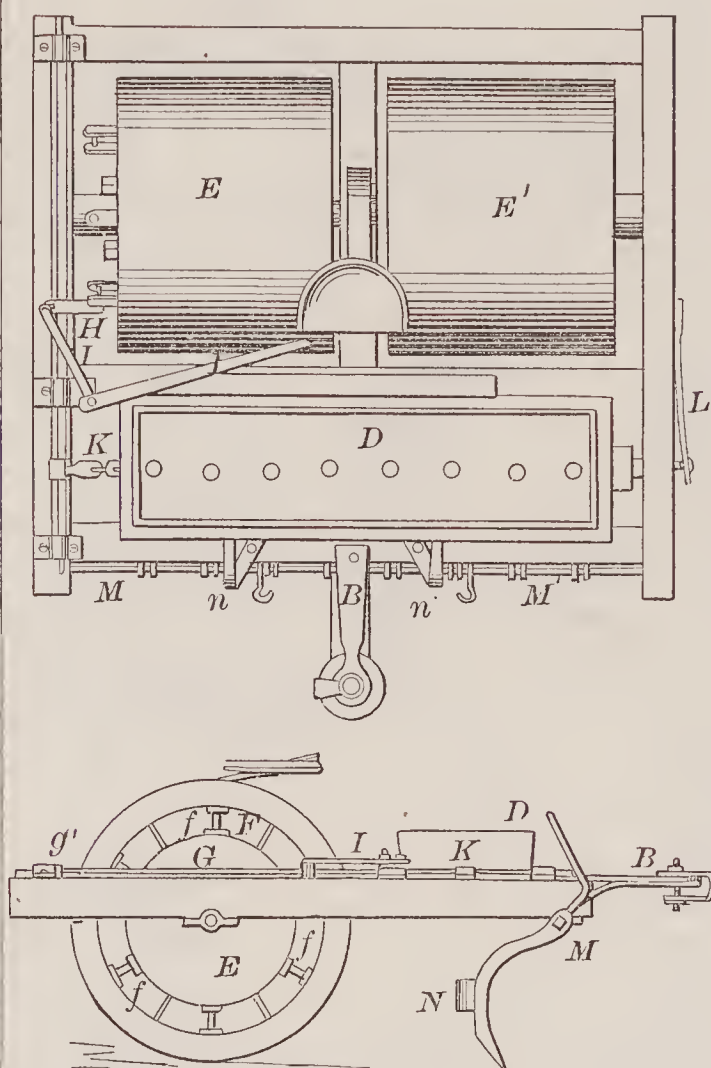
65887—N. B. Devol—*Sewing Machine Treadle.*



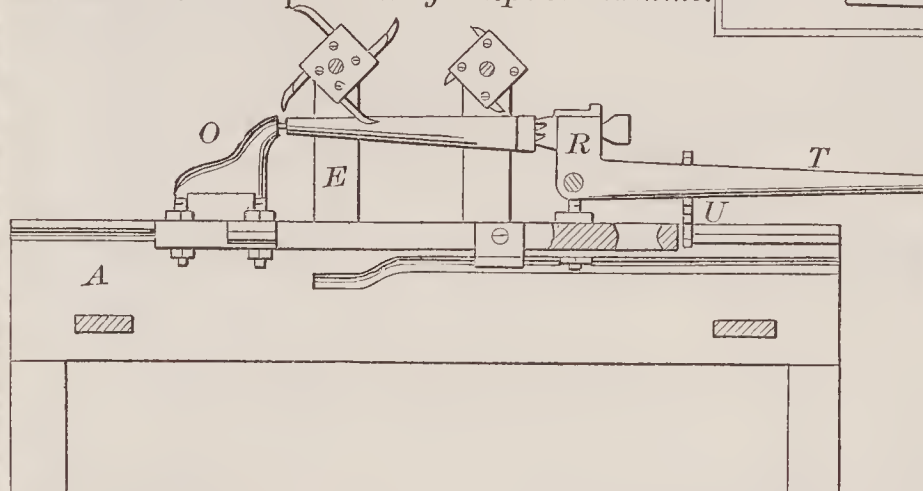
65888—C. Dummeldinger—*Railroad Car Roof.*



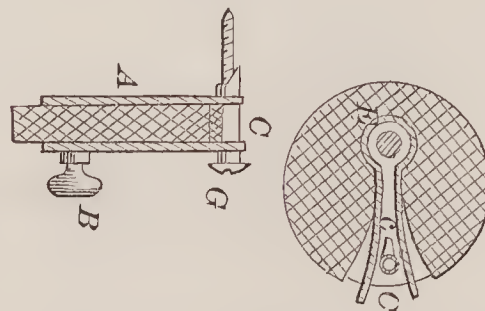
65889—Duncan & Ridgley—*Sower, Planter and Cultivator.*



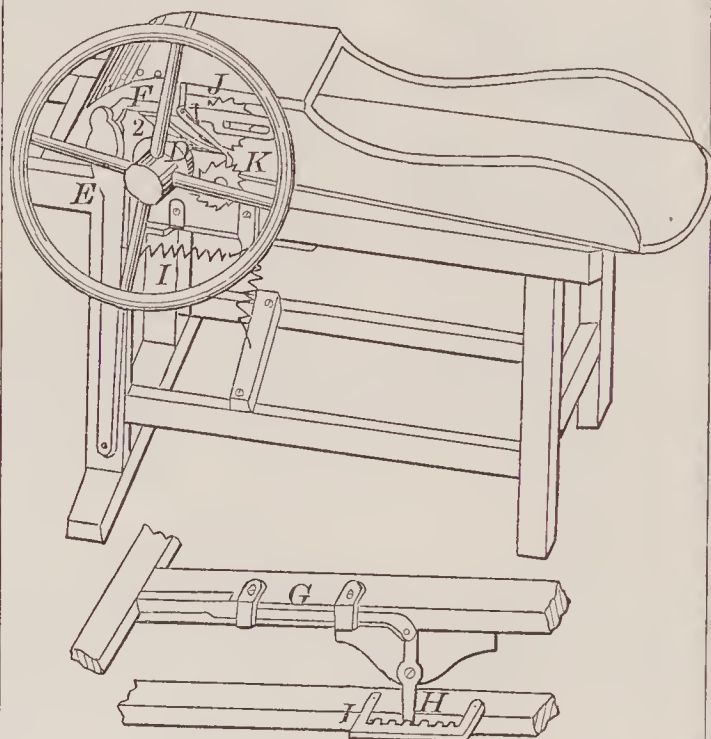
65891—C. C. Dupue—*Wagon Spoke Machine.*



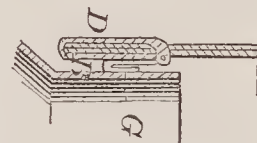
65890—Durham & Rising—*Sash Supporter.*



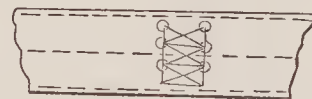
65893—W. H. Evans—*Straw Cutter.*



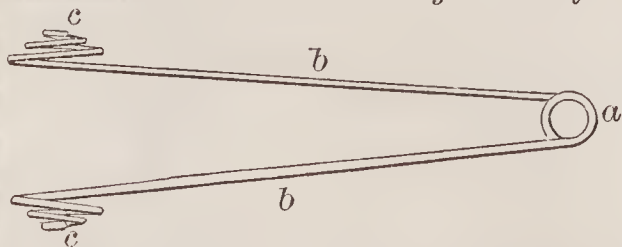
65894—C. R. Everson—*Paper Collar Fastening.*



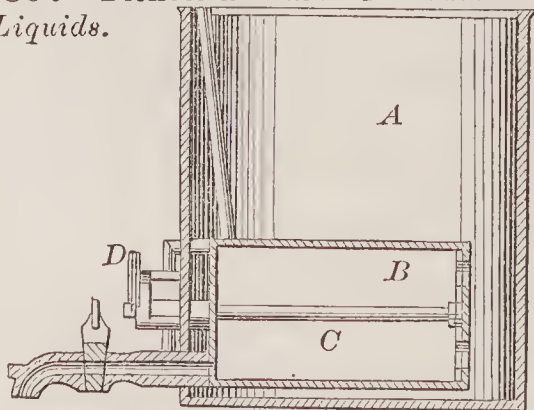
65895—C. J. Fay—*Belting.*



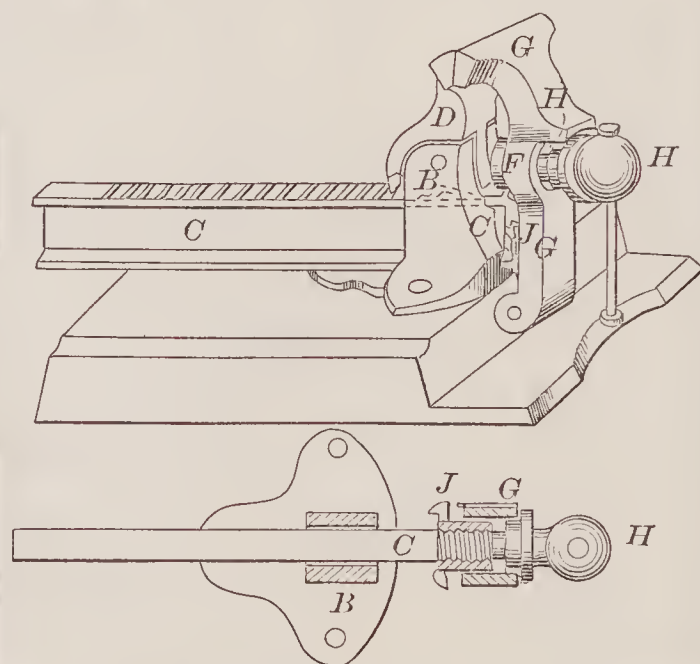
65896—C. C. Fellows—*Vegetable Lifter.*



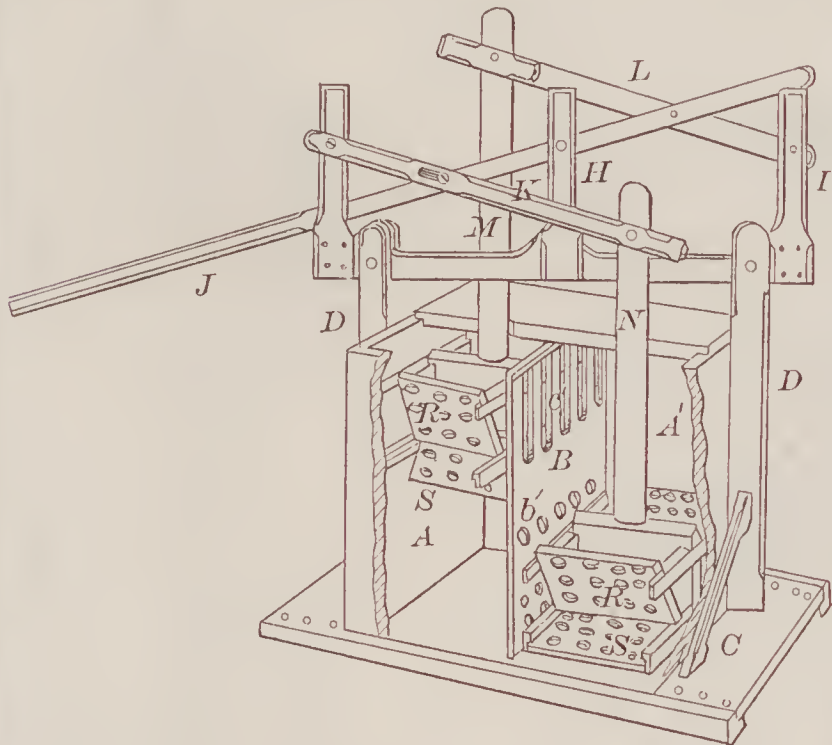
65897—Fickett & Ware—*For Measuring Liquids.*



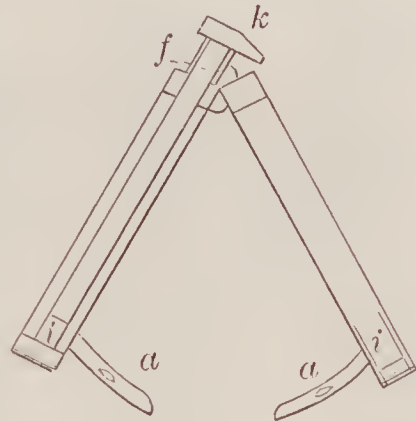
65898—O. V. Flora—*Vise.*



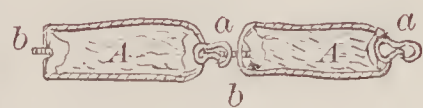
65899—C. George—*Churn.*



65900—A. W. Goddard—*Caliper Rule.*



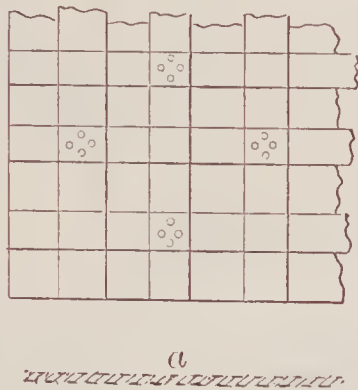
65901—J. Golding—*Life Preserving Mattress.*



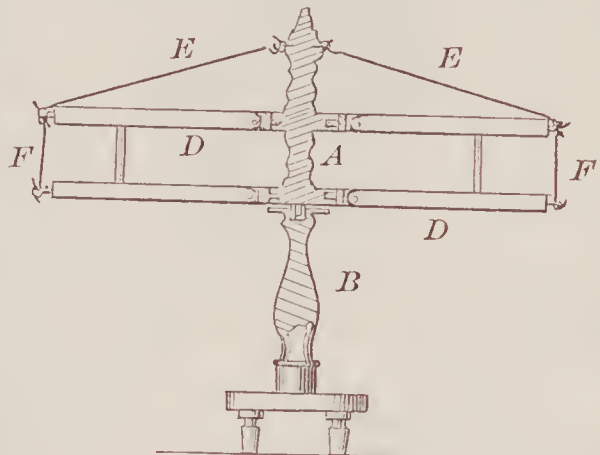
65902—D. R. Gould—*Window Sash.*



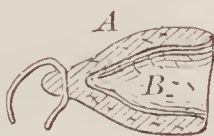
65904—T. Griffin—*Floor Cloth.*



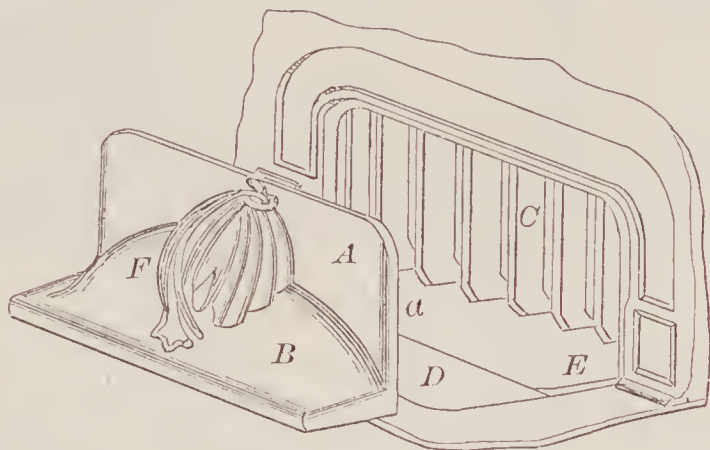
65905—R. Hamblin—*Clothes Dryer.*



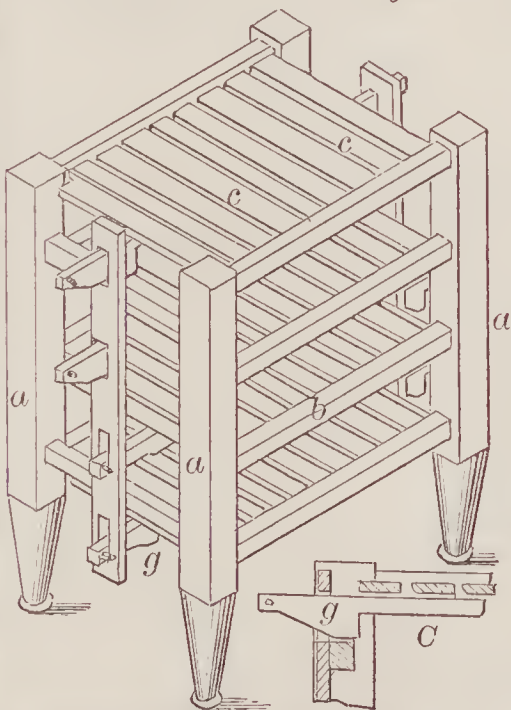
65903—W. G. Grant—*Pessary.*



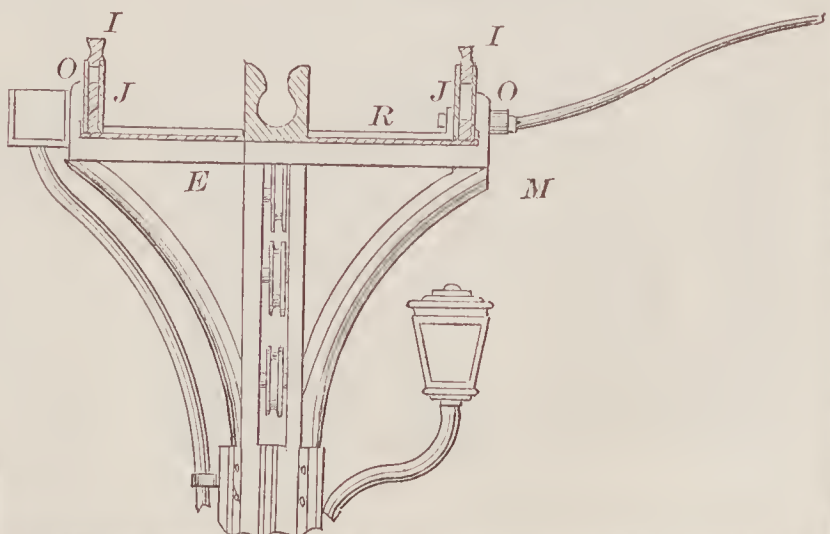
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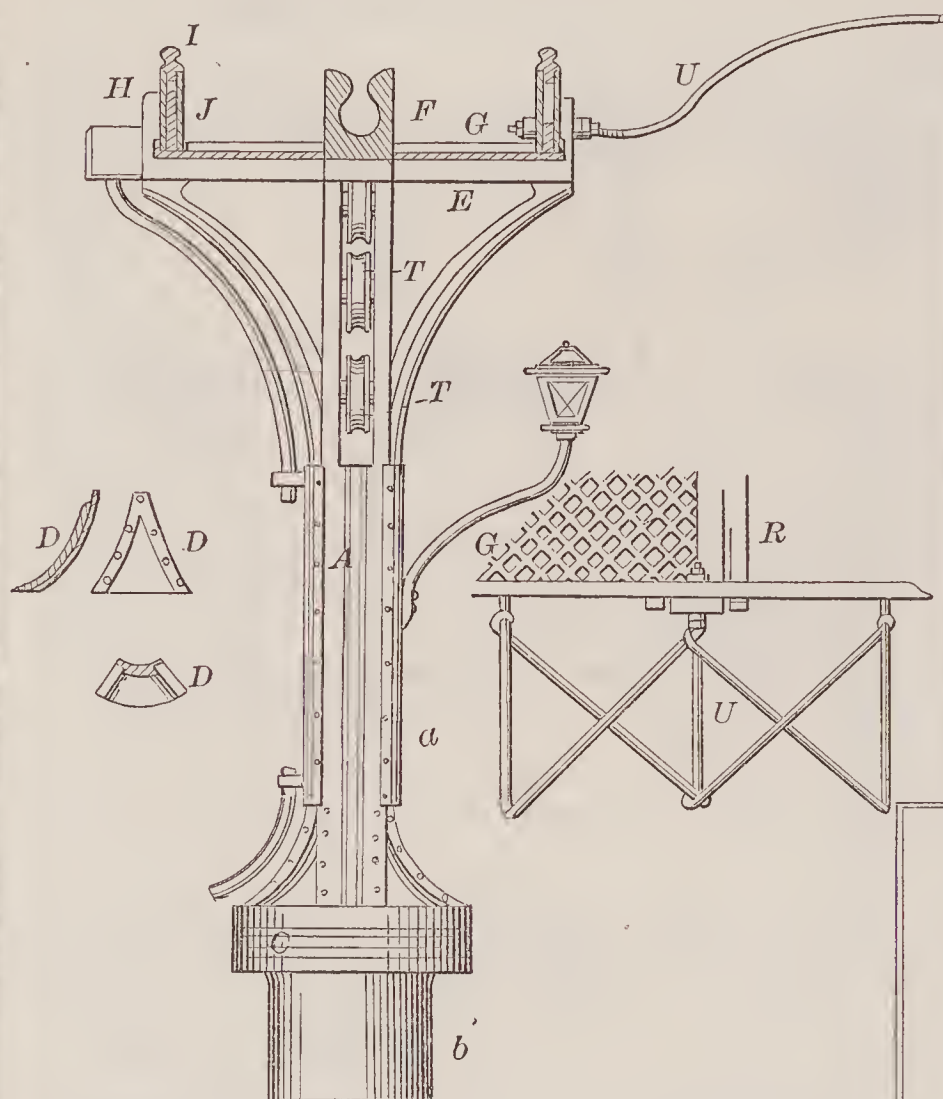
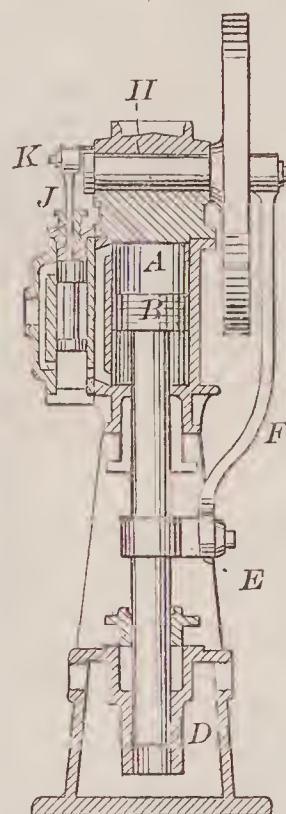
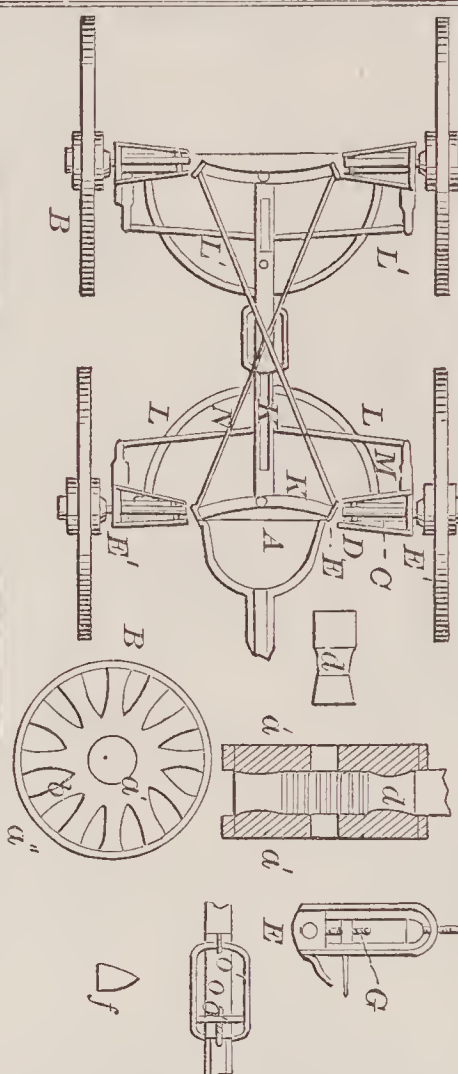
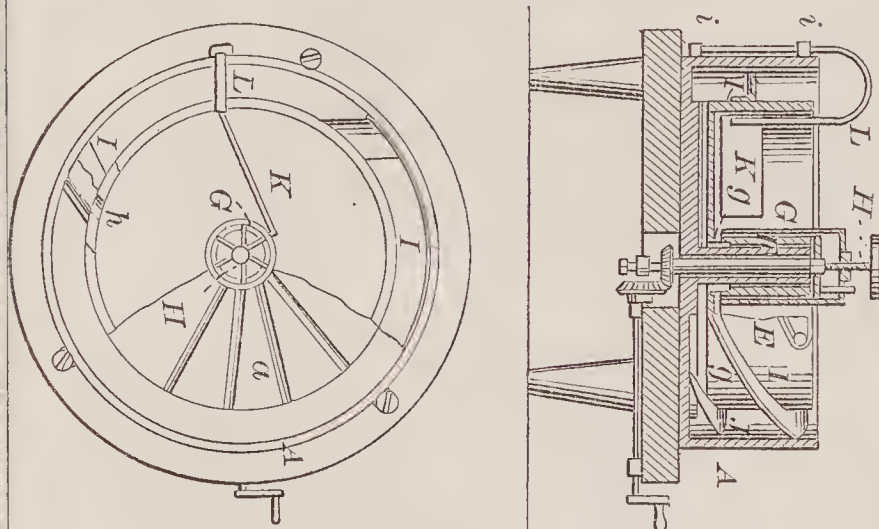
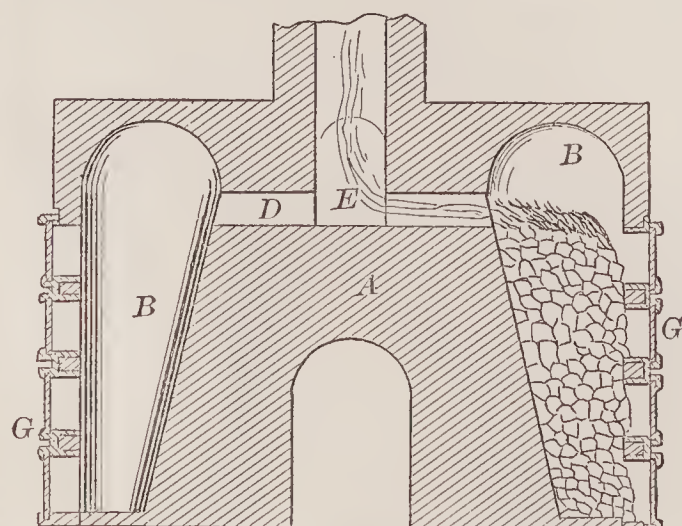
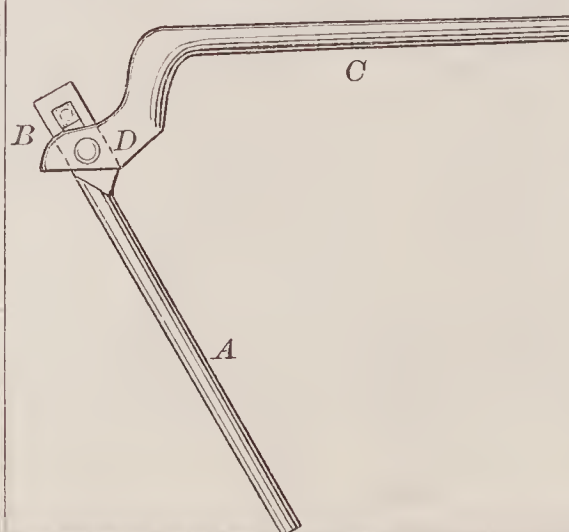


65907—C. B. & G. W. Hart—*Milk Rack and Fruit Dryer.*

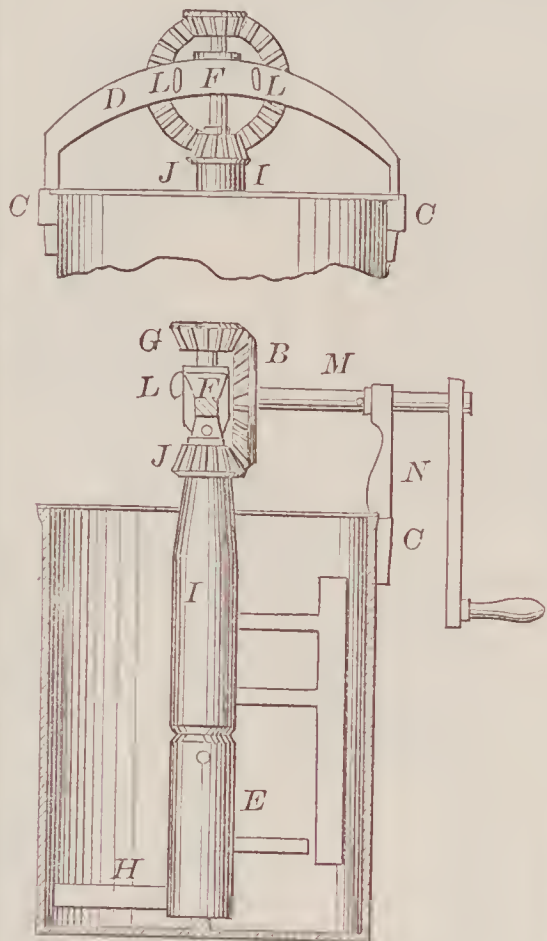


65908—C. T. Harvey—*Elevated Railway.*

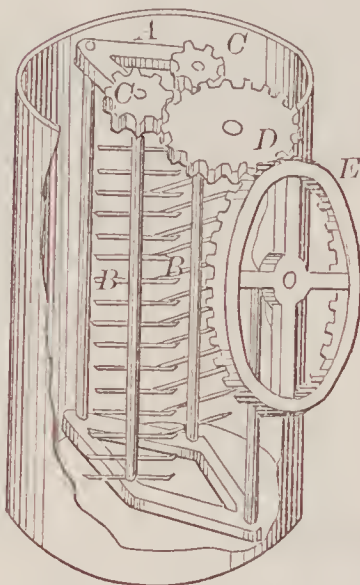


65909—C. T. Harvey—*Elevated Railway.*65911—W. M. Henderson—*Steam Pump.*65910—J. Hatfield—*Carriage.*65912—R. W. Howard—*Amalgamator.*65914—J. Hughes—*Furnace for Burning Pyrites.*65913—H. Howe—*Bolt Trimmer.*

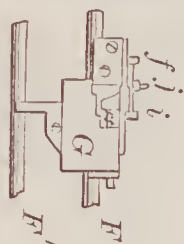
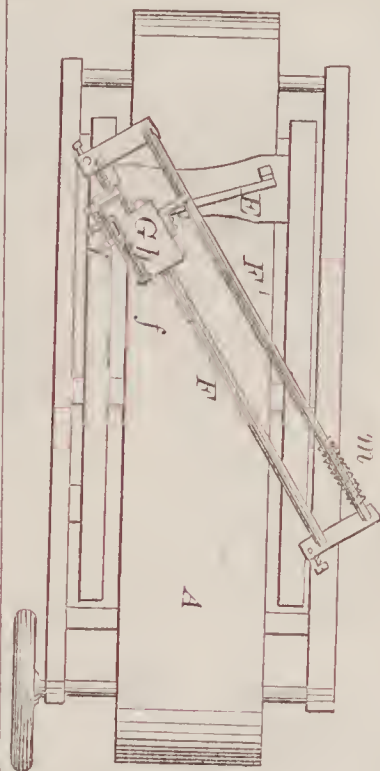
65915—A. Huyek—*Churn.*



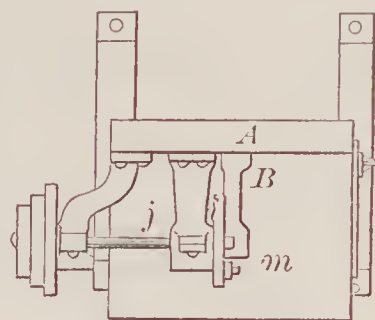
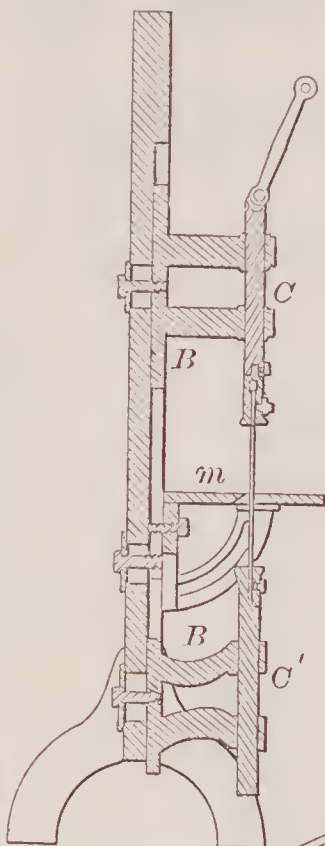
65916—F. L. King—*Egg Cutter.*



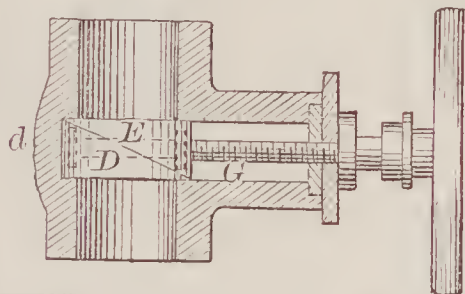
65919—C. Korn—*For Dressing Leather.*



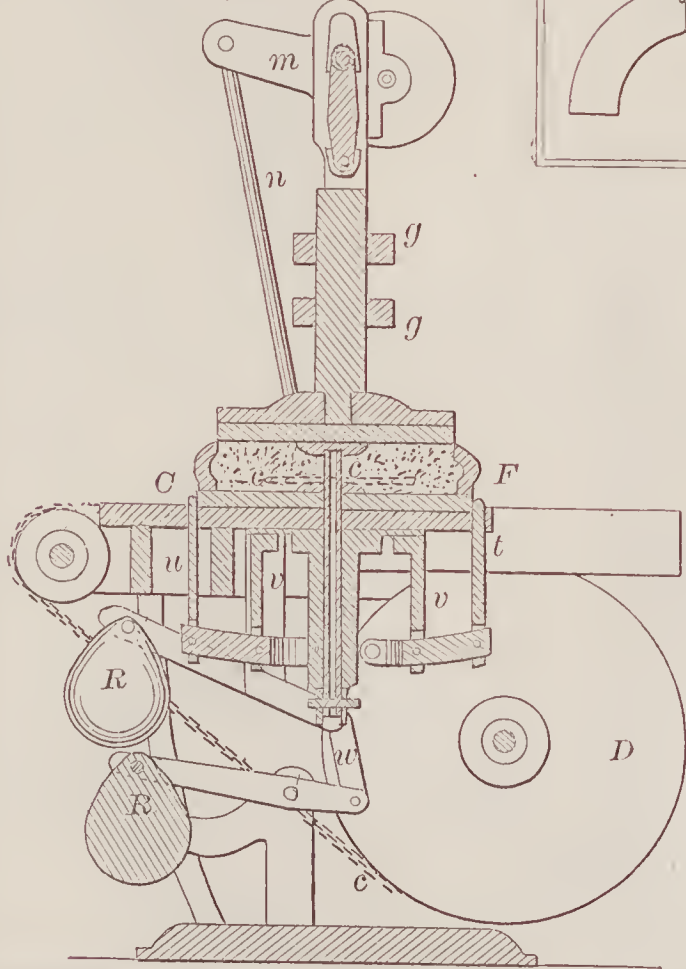
65920—T. H. Lindley—*Filing Machine.*



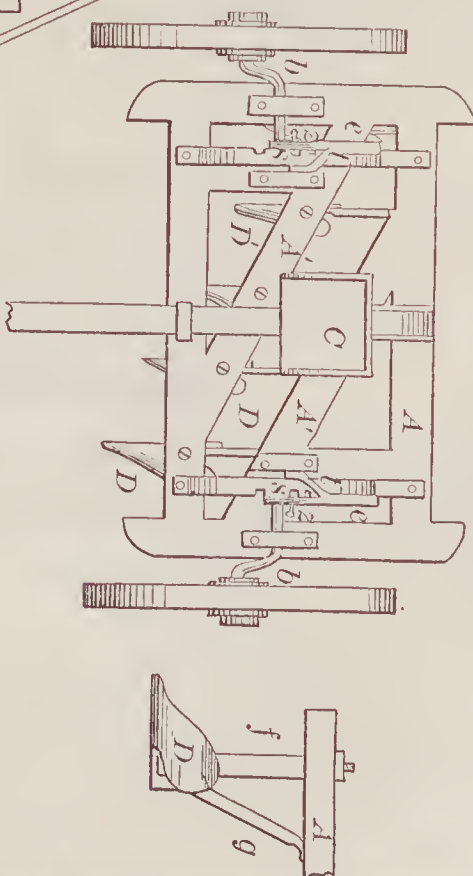
65921—T. H. Lidford—*Steam Valve.*



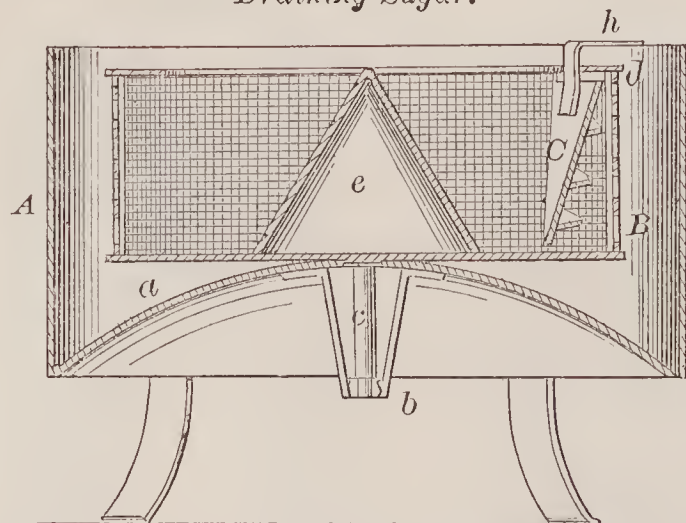
65922—A. H. Lowell—*Mould for Casting Metal.*



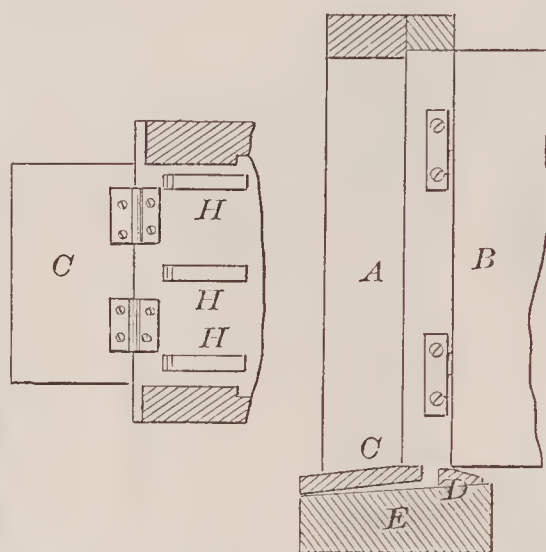
65918—J. Koch—*Cultivator.*



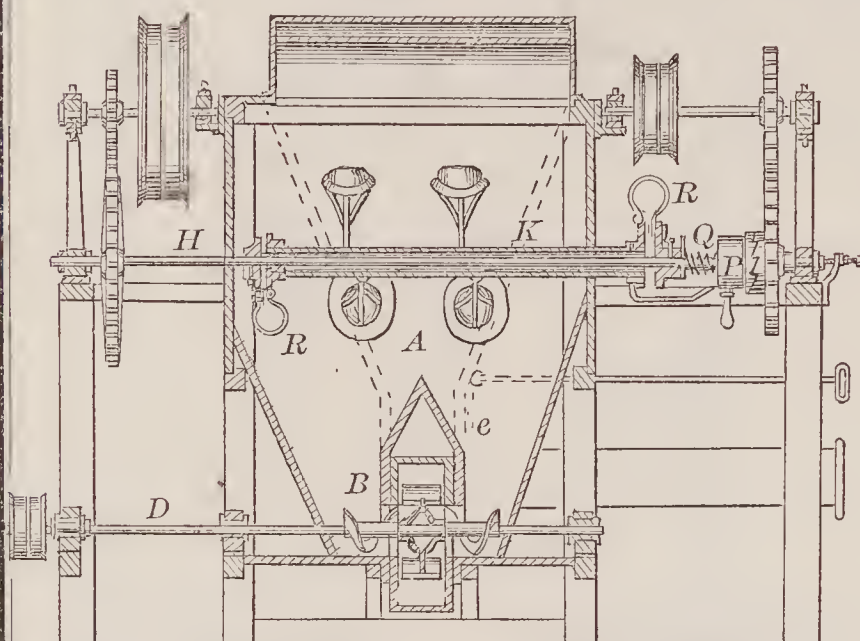
65923—A. Mackey—*Centrifugal Machine for Draining Sugar.*



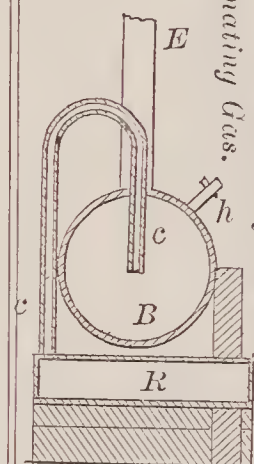
65929—I. H. McOmber—*Weather Strip.*



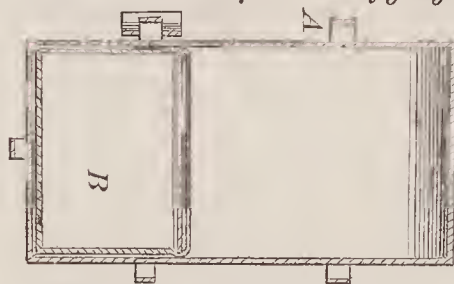
65926—Mathais & Legat—*For Coating Hats.*



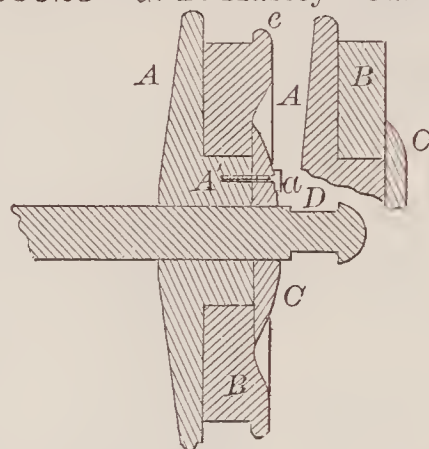
65927—G. A. Melhenny—*Manufacture of Illuminating Gas.*



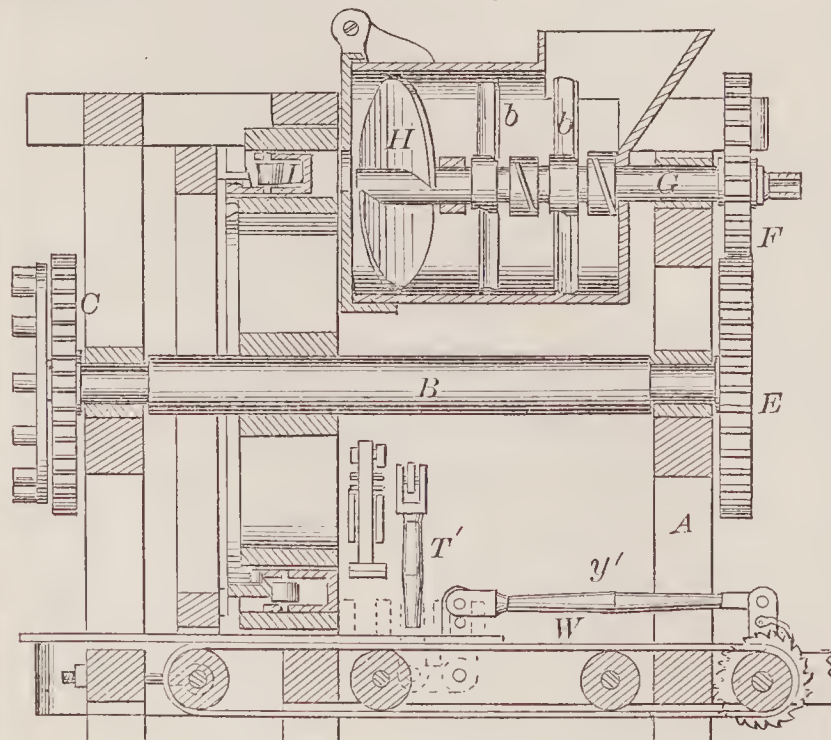
65928—L. T. McNeiley—*Identifying Box.*



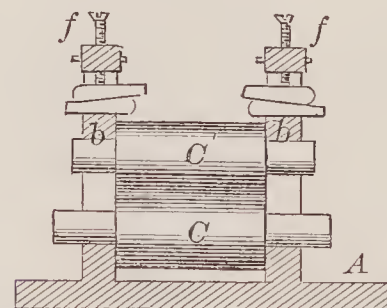
65925—G. B. Massey—*Car Wheel.*



65931—J. Mills—*Brick Machine.*



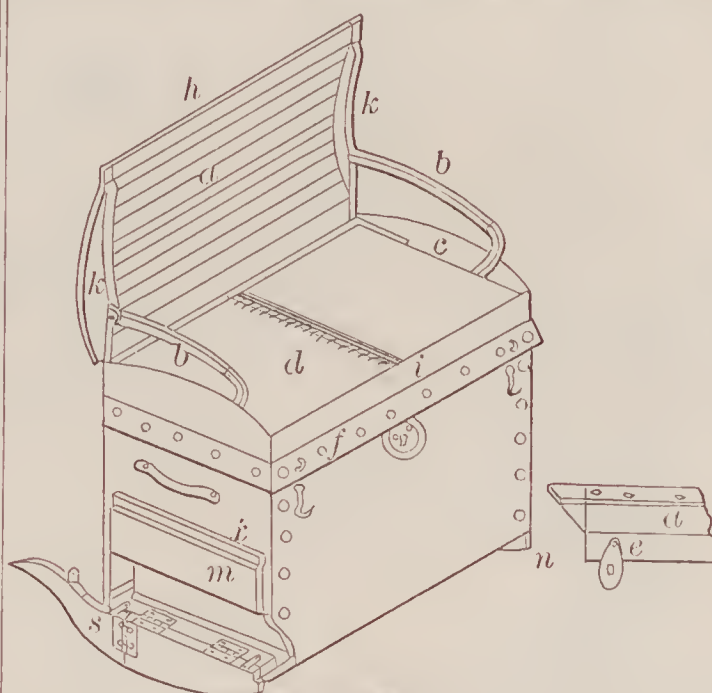
65930—S. M. Mecutchen—*Adjusting Rollers.*



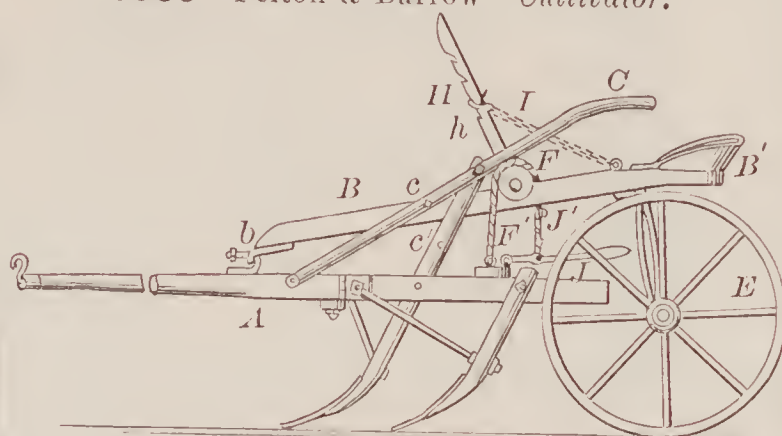
65932—Moser & Yellott—*Stud Fastening.*



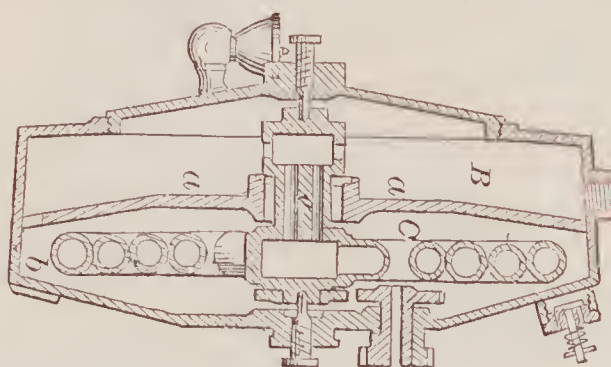
65937—T. Nye—*Rocking Chair and Trunk.*



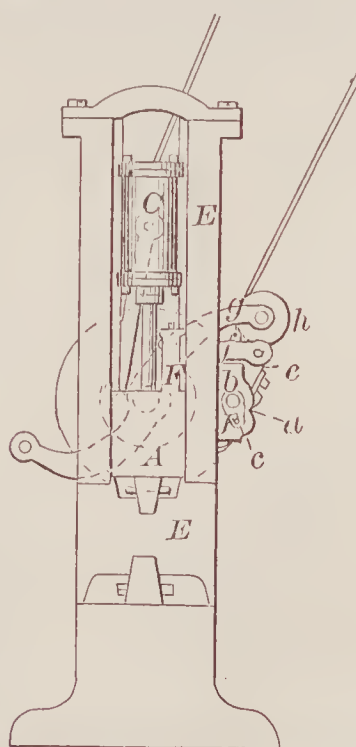
65938—Pelton & Barrow—*Cultivator.*



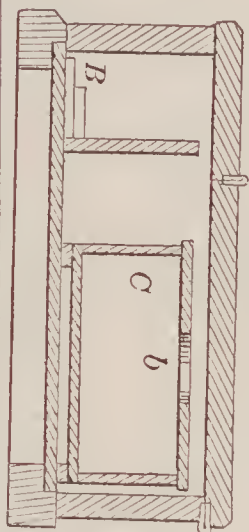
65939—Pond & Richardson—*For Producing Blast in Gas Carburetors.*



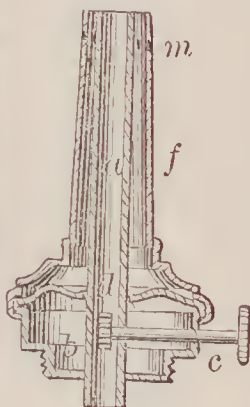
65941—J. Price—*Forging Apparatus.*



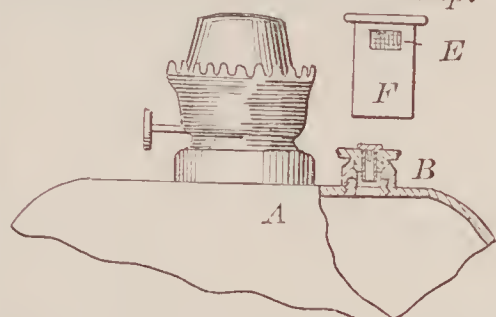
65936—A. Nudd—*Melodeon, &c.*



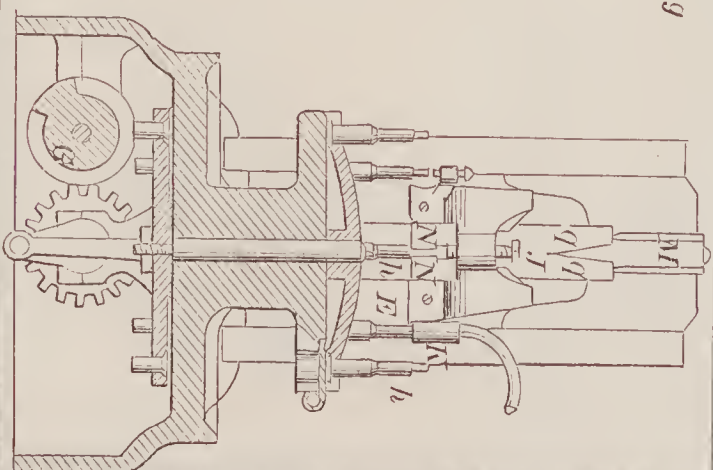
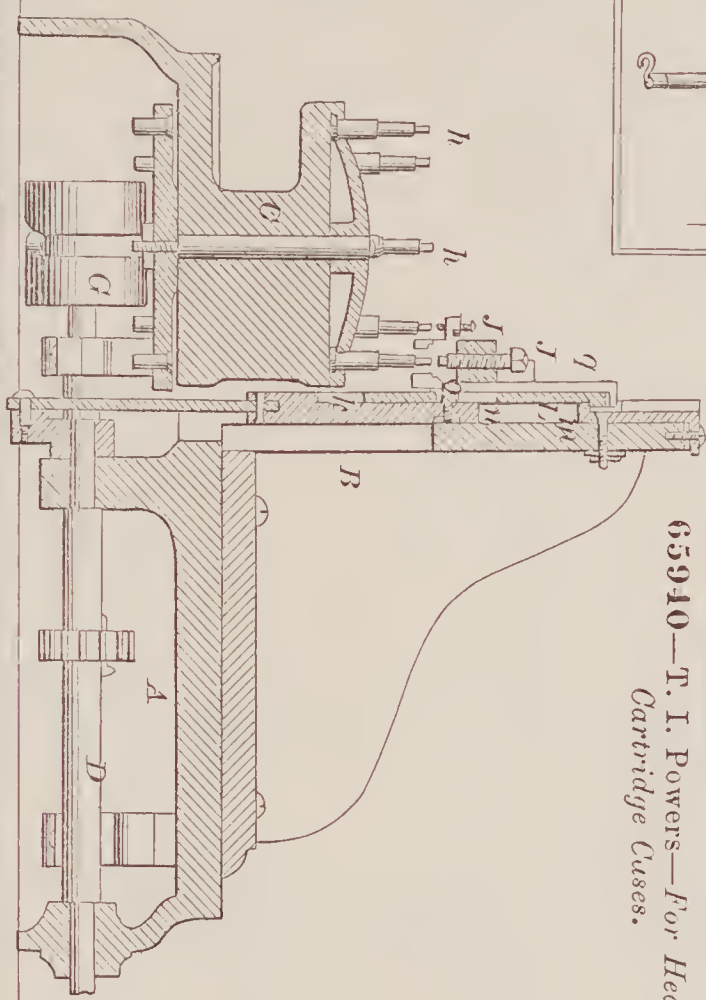
65933—G. Neilson—*Lamp Burner.*

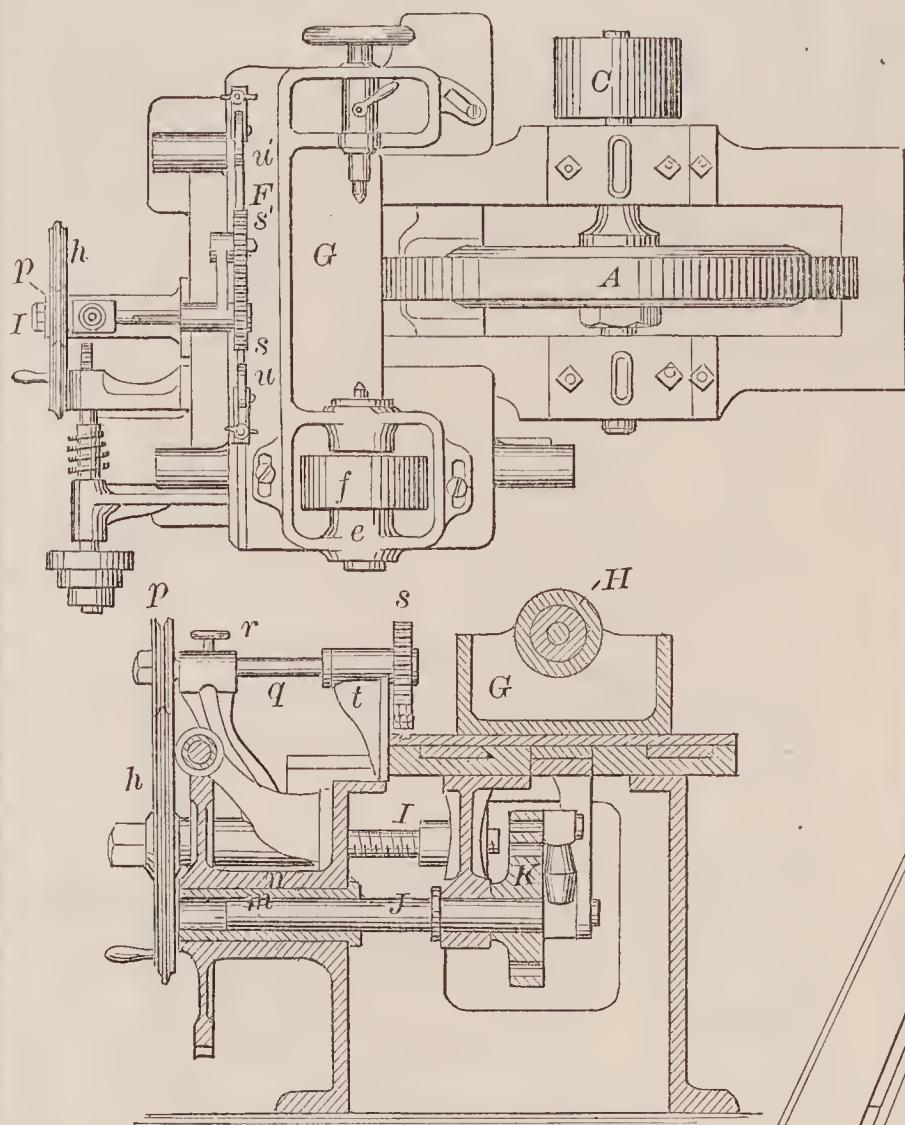
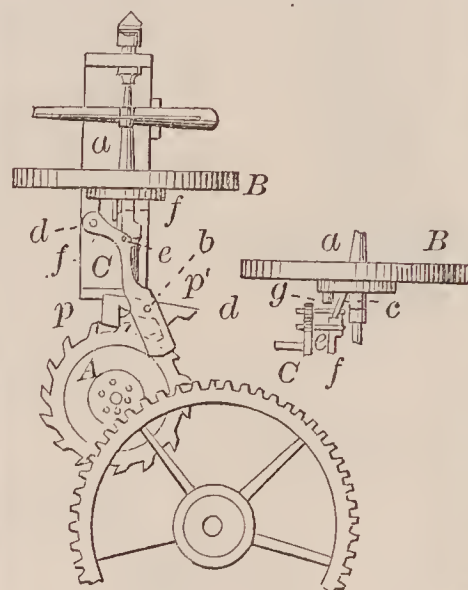
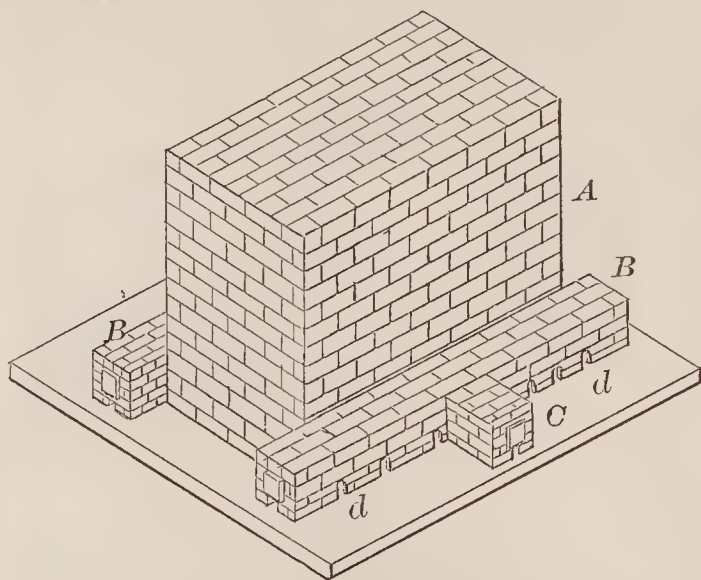
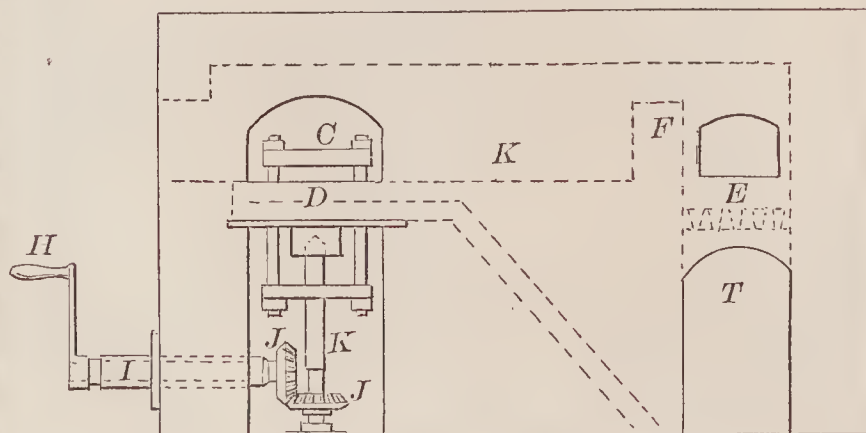
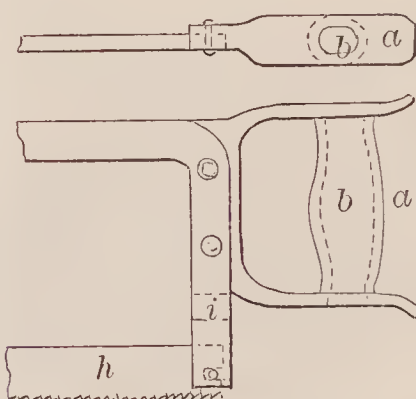
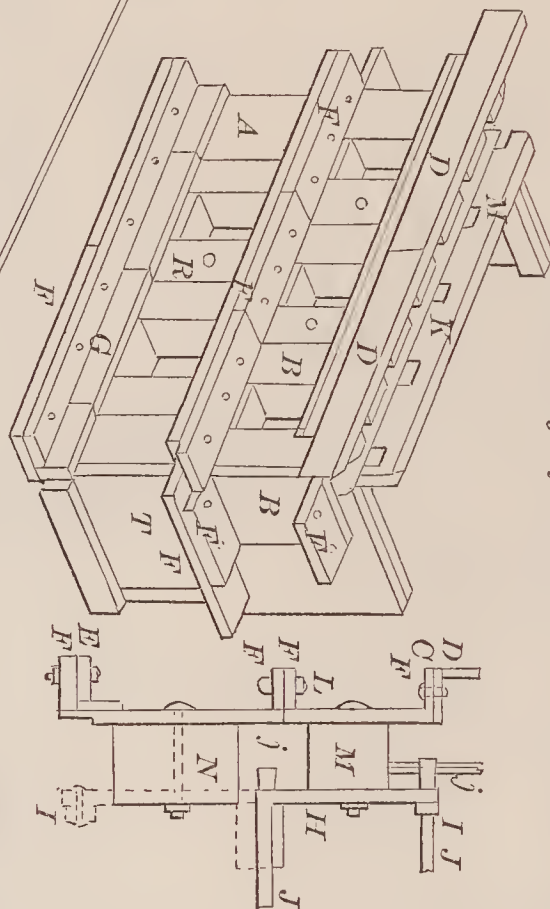


65935—E. D. Norton—*Lamp.*

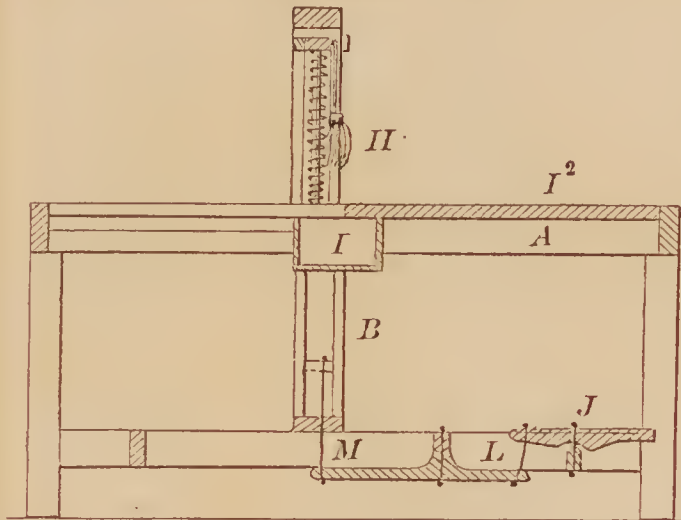


65940—T. I. Powers—*For Heading Cartridge Cuses.*

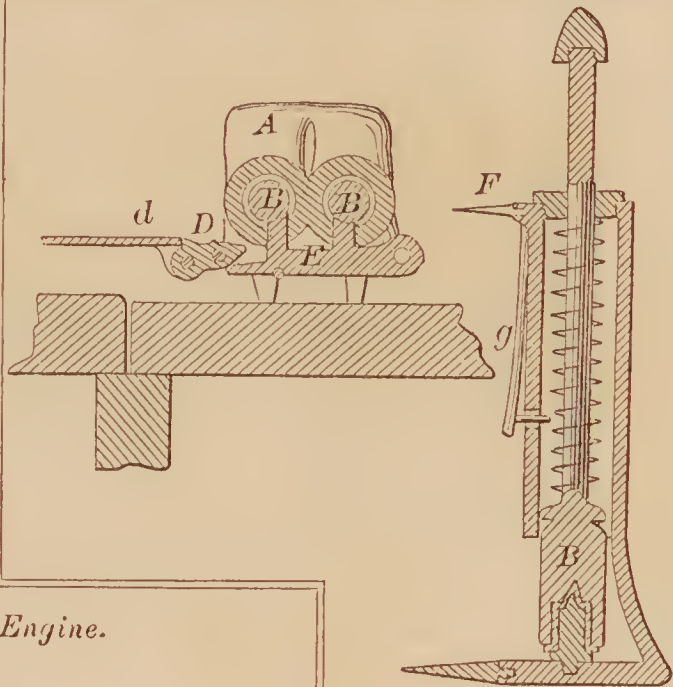


65942—T. Prosser—*For Grinding and Polishing.*65944—H. Reinecke—*Time Piece Escapement.*65943—S. D. Rader—*Brick Kiln.*65946—C. Richardson—*For Tempering Steel Plates.*65947—C. Richardson—*Hand Saw Frame.*65945—J. R. Richards—*Sectional Mould for Putting up Buildings of Concrete.*

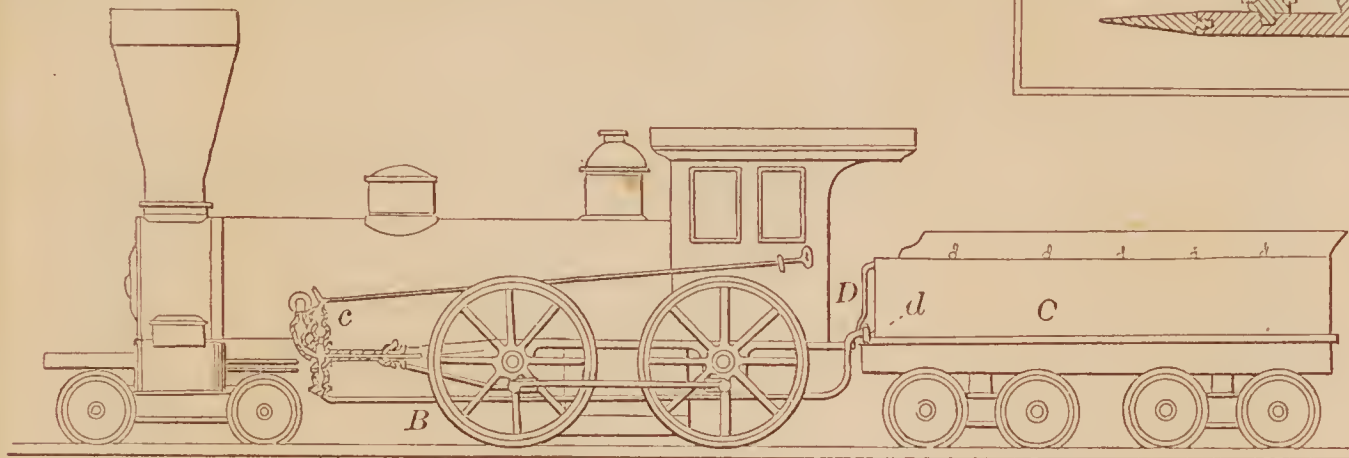
65948—H. E. Rile—*For Coating Paper with Mucilage.*



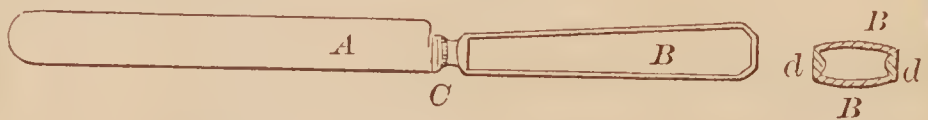
65949—H. R. Robbins—*Burglar Alarm.*



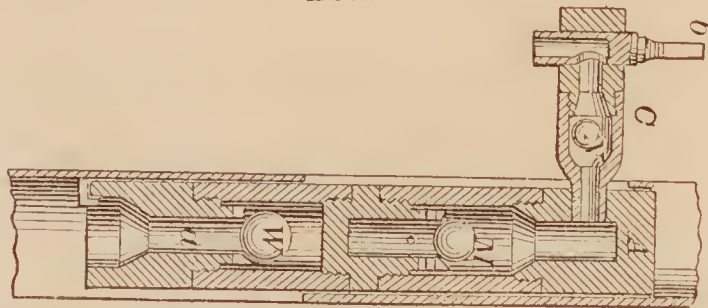
65951—Samuels & Brassington—*Locomotive Engine.*



65952—W. Sanderson—*Cutlery.*



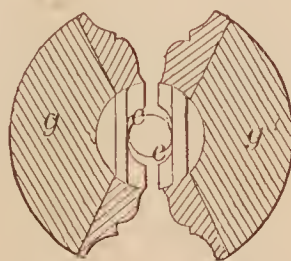
65953—P. F. Schenck—*For Supplying Air to Life Boats.*



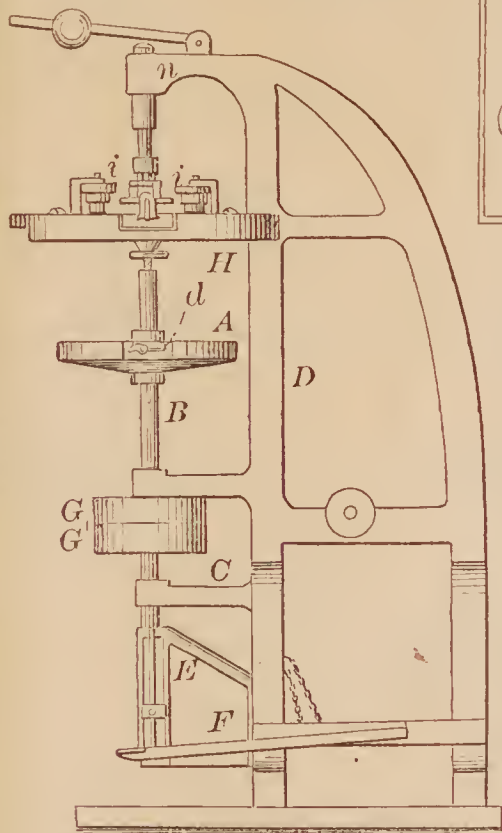
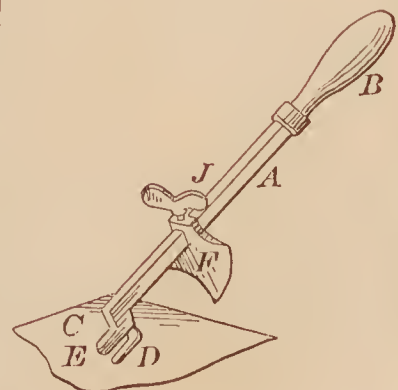
65955—F. E. Schmidt—*Ornamental Feather.*



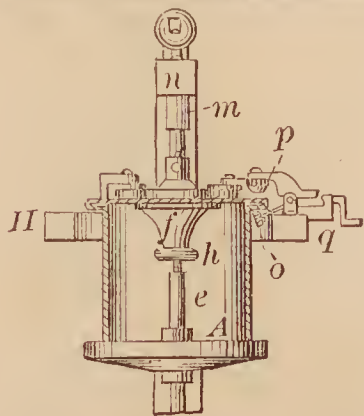
65954—F. Schmidt—*Wood Planing Machine.*



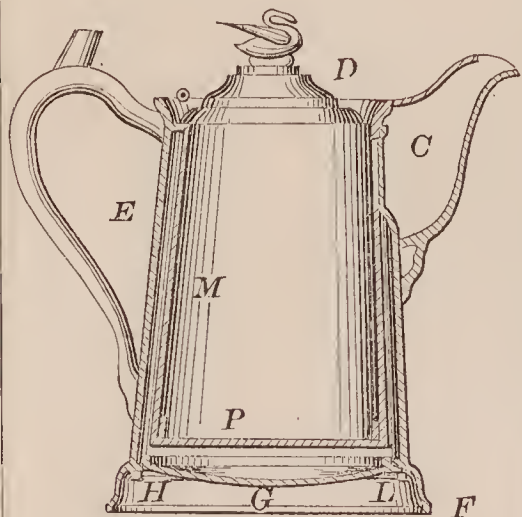
65957—F. Seymour—*For Opening Sheet Metal Cans.*



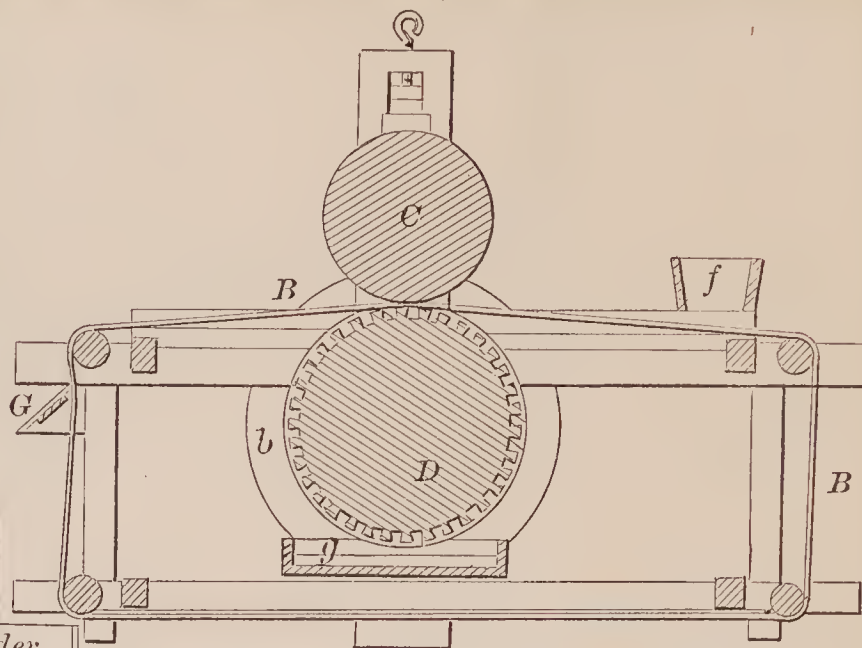
65950—J. Rupp—*Double Seaming Machine.*



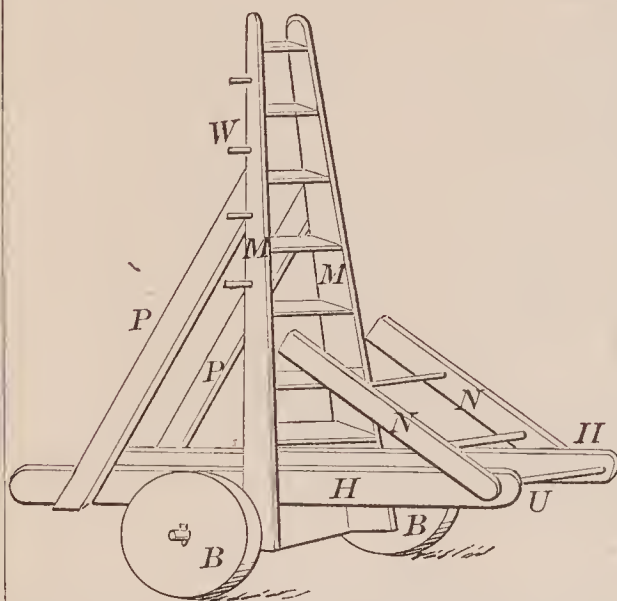
65958—M. Simons—*Ice Pitcher.*



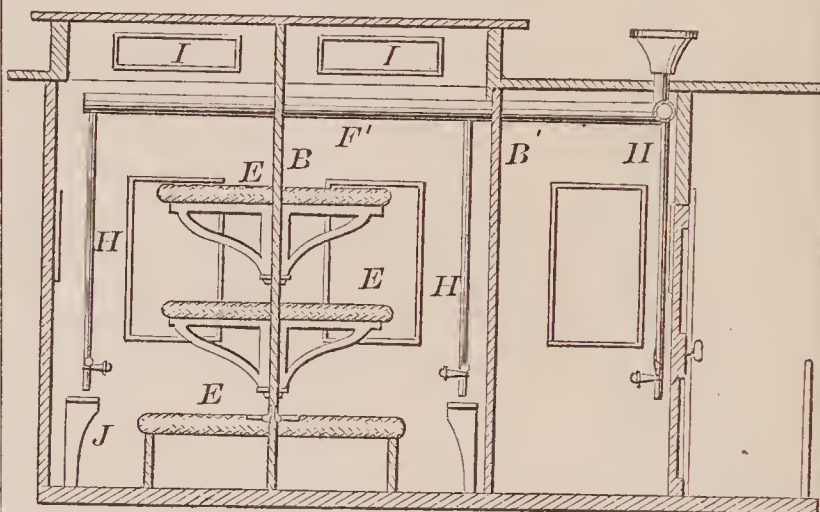
65962—Stoddard & Gallup—*Cylinder Press.*



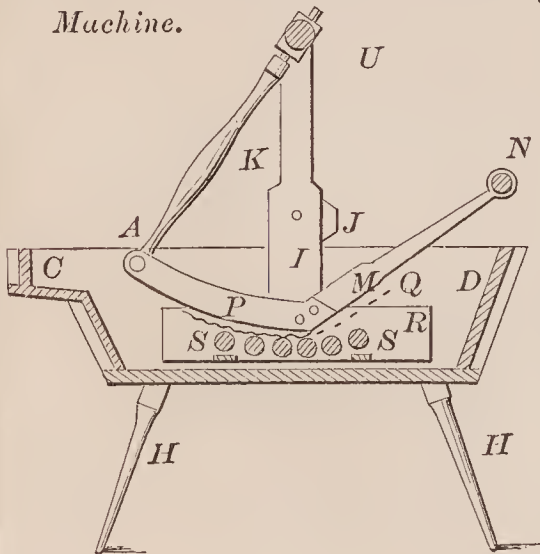
65959—D. C. Smith—*Fruit Ladder.*



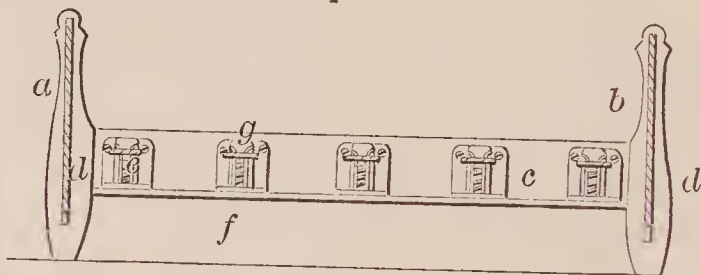
65963—J. Swan—*Sleeping Car.*



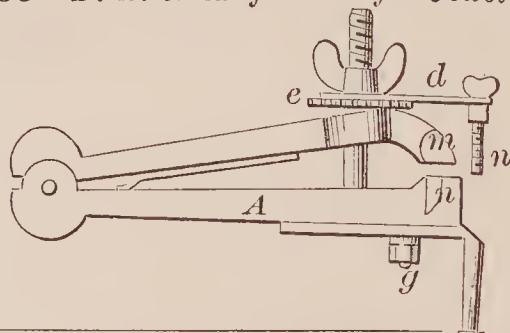
65960—A. C. Stannard—*Washing Machine.*



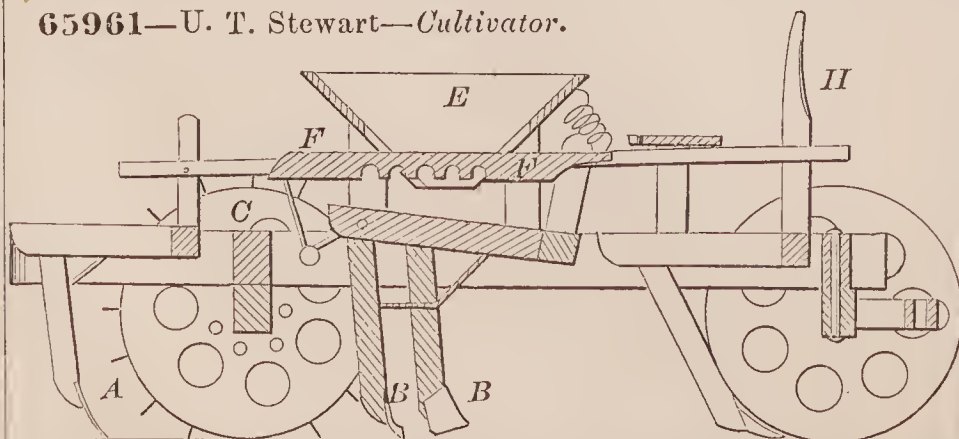
65964—T. P. Thompson—*Bed Bottom.*



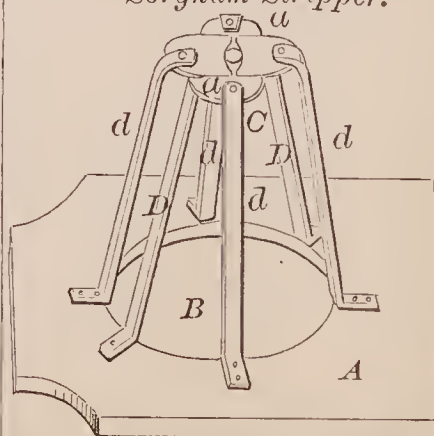
65965—D. B. Tiffany—*Tool for Jeweling Watches.*



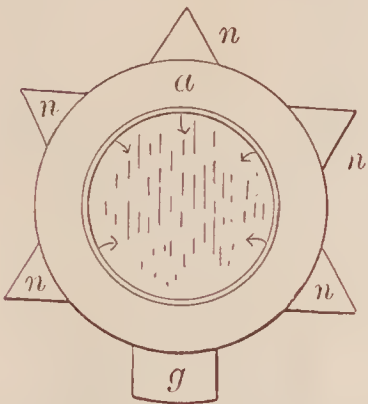
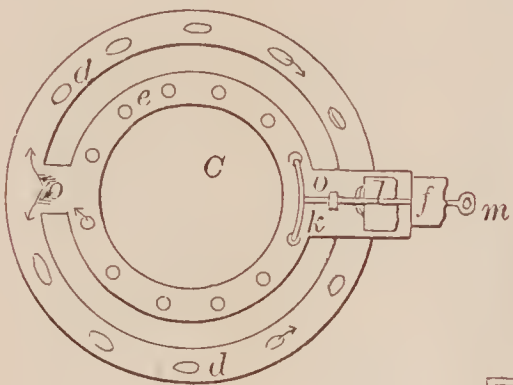
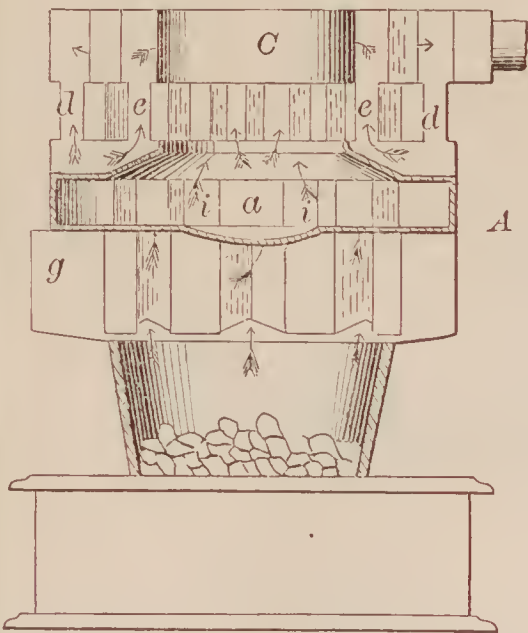
65961—U. T. Stewart—*Cultivator.*



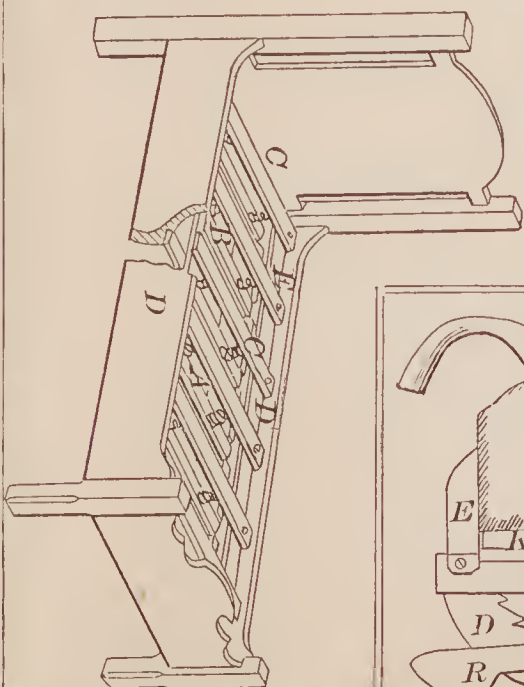
65966—G. Tollinger—*Sorghum Stripper.*



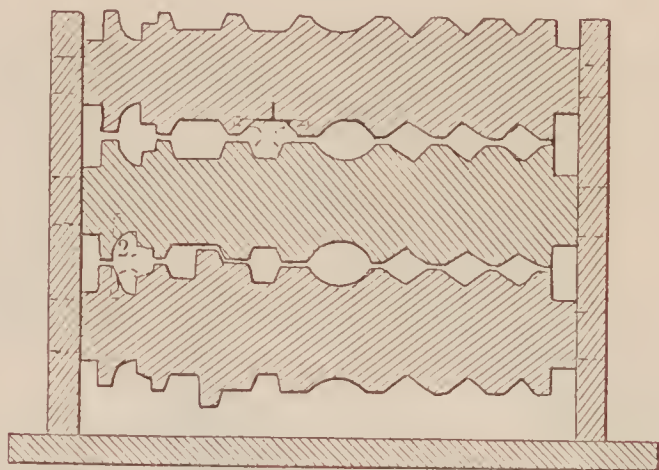
65967—C. W. Trotter—Furnace.



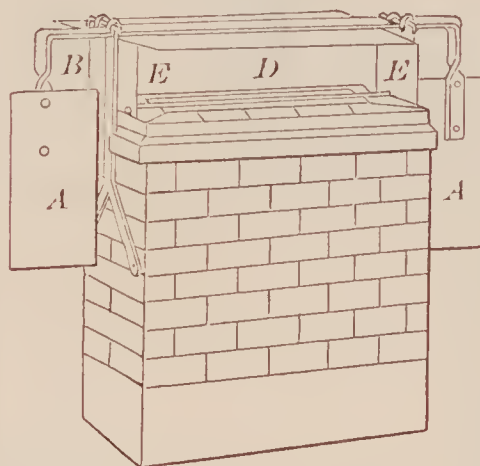
65975—C. W. White—Bed Bottom.



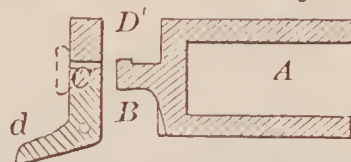
65968—Verree & Mitchell—Roller for Rolling Old Rails.



65969—J. A. Waggoner—Chimney Cowl.



65970—J. B. Wardwell—Bedstead Fastening.



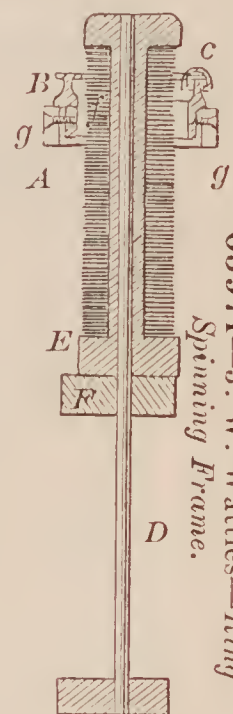
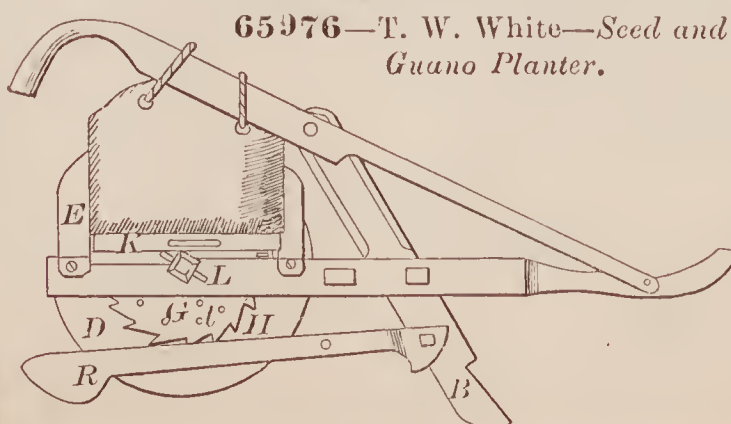
65974—S. H. Wheeler—Gate.



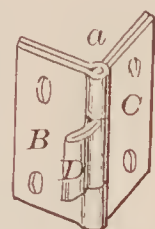
65977—Whiteley, Fassler & Kelly—Harvester Guard Finger.



65976—T. W. White—Seed and Guano Planter.

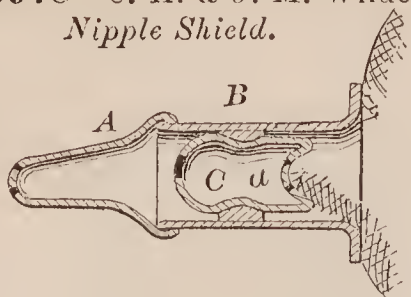


65971—J. W. Mattles—Ring Spinning Frame.

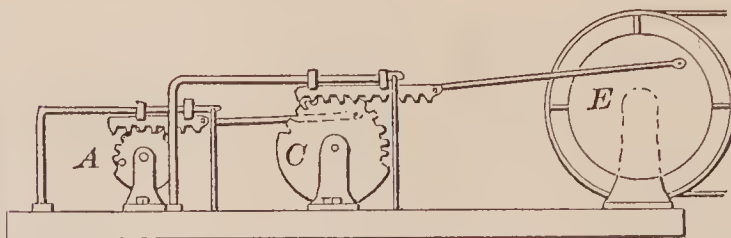


65972—W. Webb—Hinge for Lamp Burners.

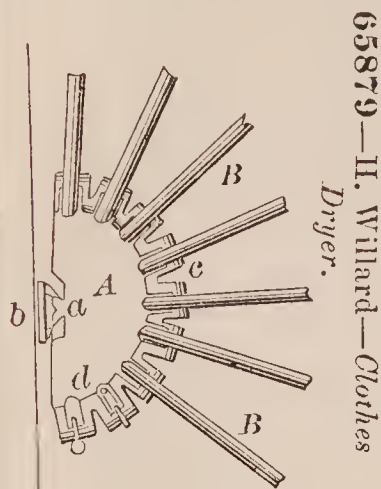
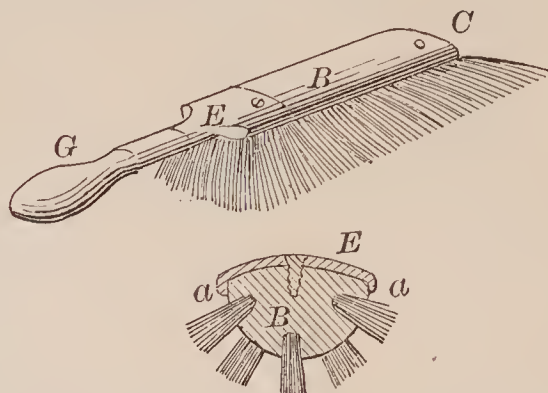
65978—C. H. & J. M. Wilder—*Nipple Shield.*



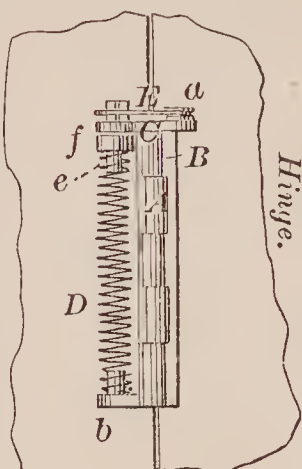
65981—A. B. Wood—*Mechanical Power.*



65982—E. J. Worcester—*Brush.*

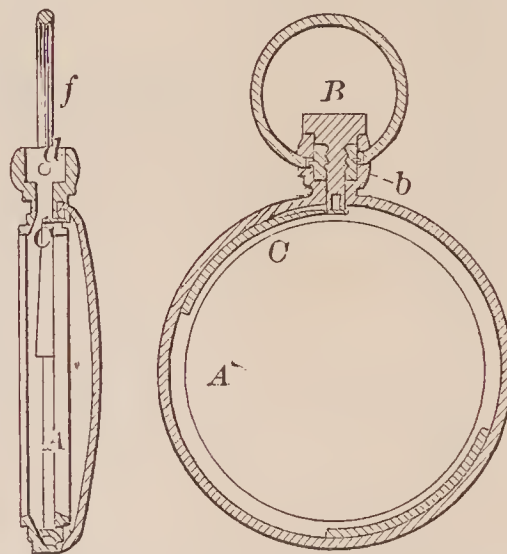


65879—H. Willard—*Clothes Dryer.*

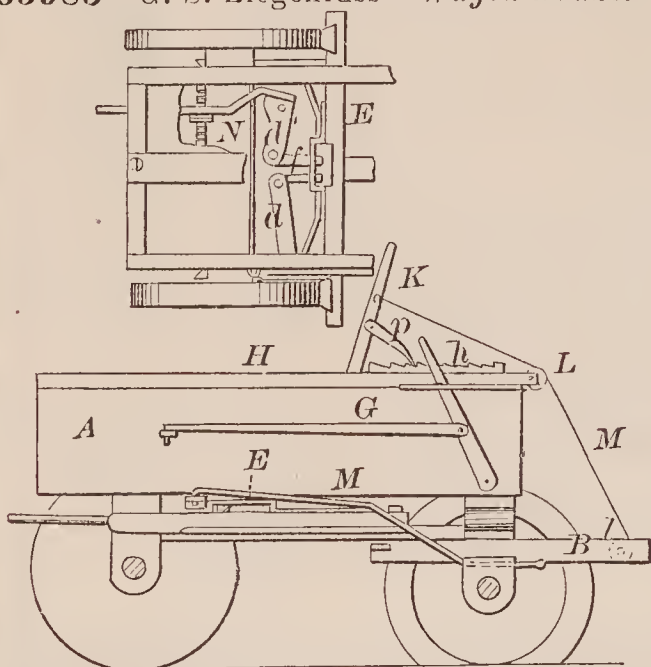


65980—A. Wiswall—*Spring Hinge.*

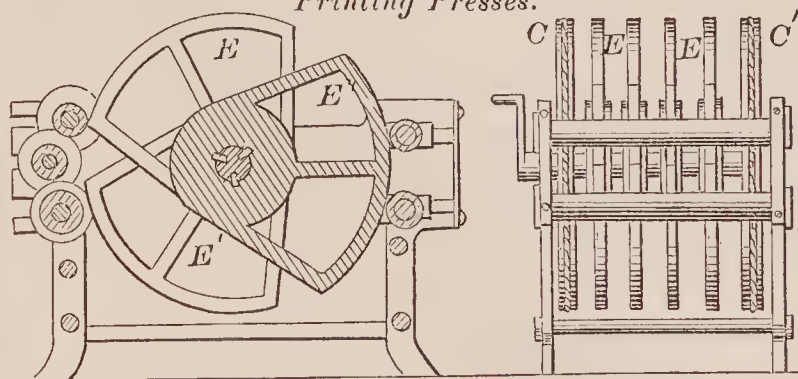
65985—C. V. Woerd—*Winding Watch.*



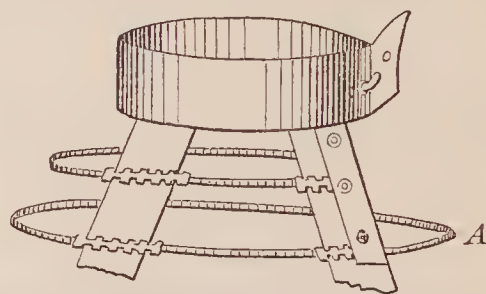
65983—G. S. Ziegenfuss—*Wagon Brake.*



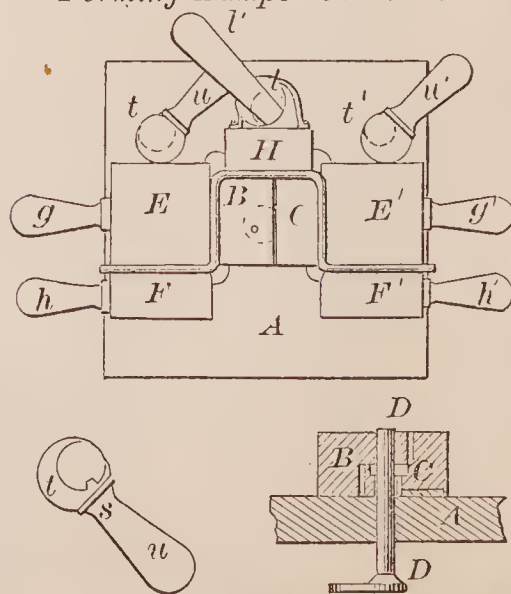
65984—G. W. Wood—*Inking Apparatus for Printing Presses.*



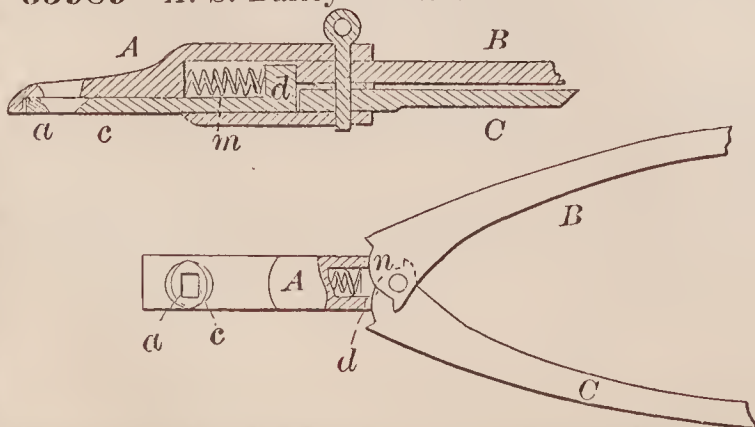
65986—A. Trager—*Hoop Skirt.*



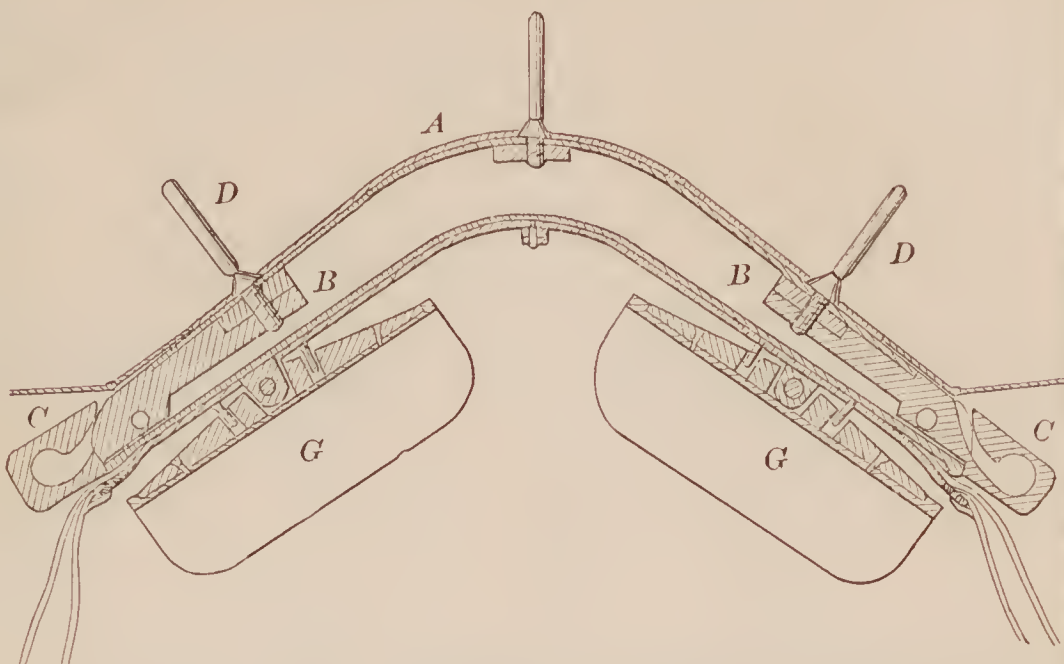
65987—W. C. Allison—*For Forming Bumper Carriers.*



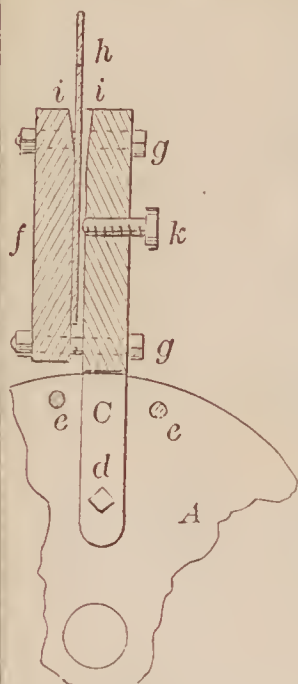
65989—A. S. Bailey—*Bolt Cutter.*



65995—V. Borst—*Harness Saddle.*



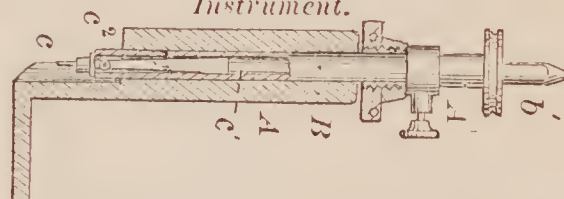
65990—R. P. Bailey—*For Dressing Marble.*



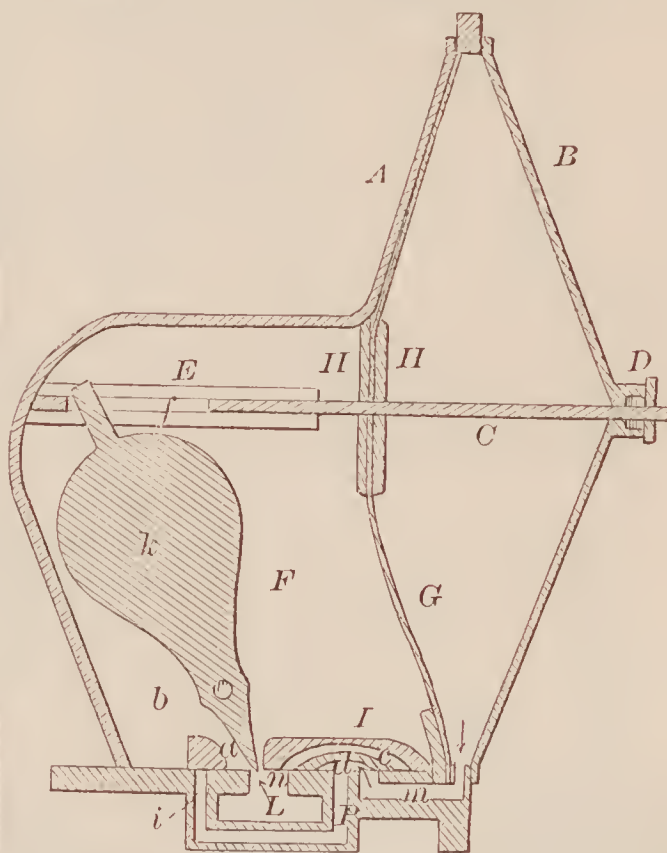
65992—J. A. Bazin—*Rotary Pump.*



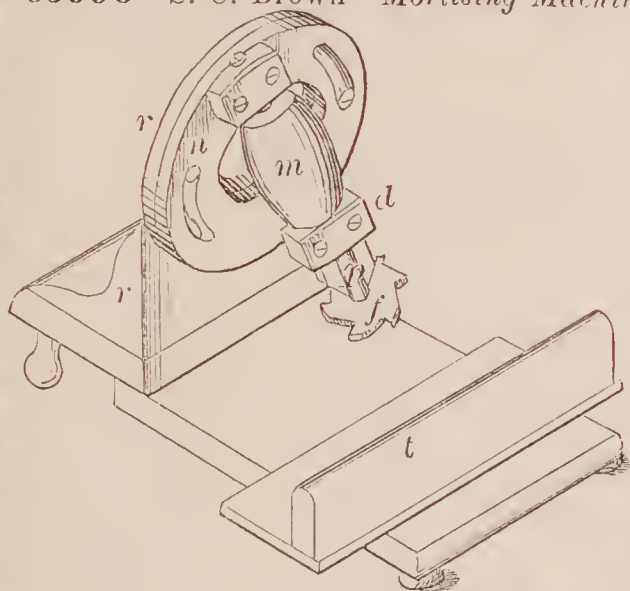
65991—Barnum & Schreiber—*Drilling Instrument.*



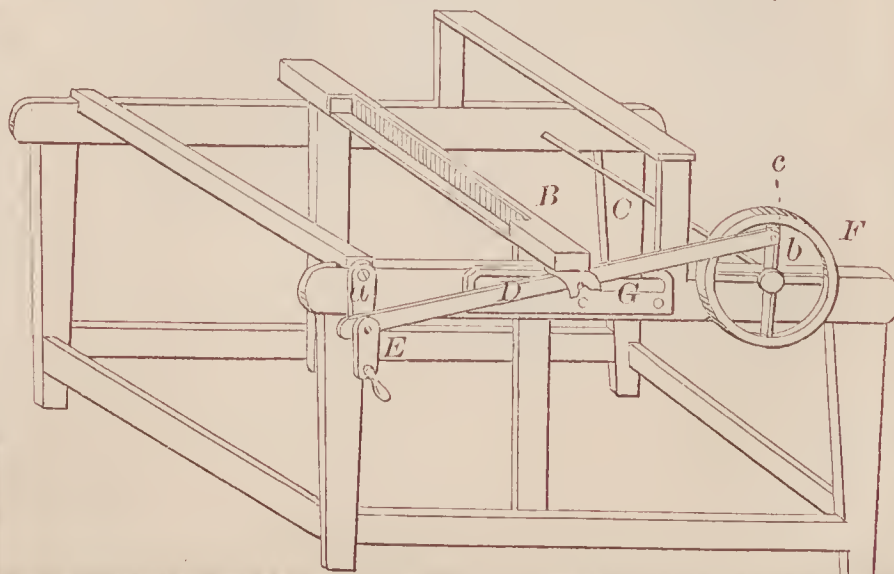
65994—Blakeslee & Hunter—*Water Meter.*



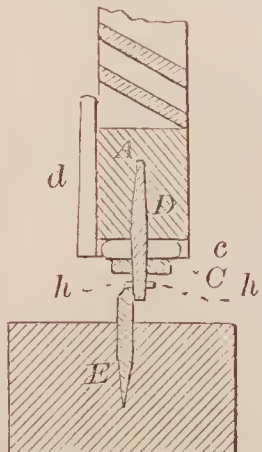
65996—S. C. Brown—*Mortising Machine.*



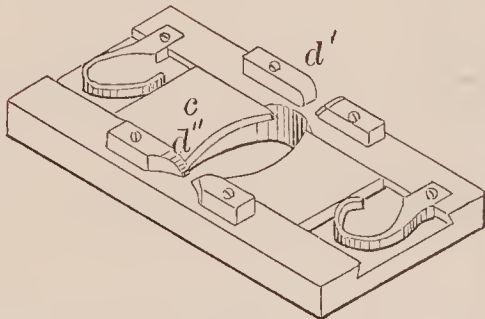
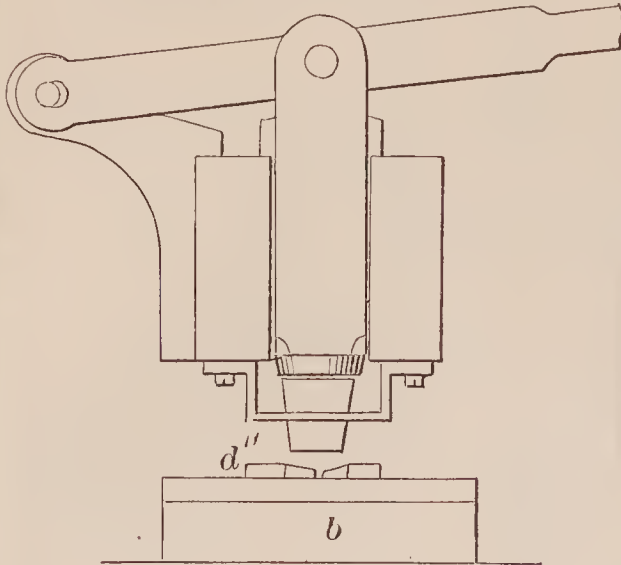
65997—J. D. Browne—*Hand Loom.*



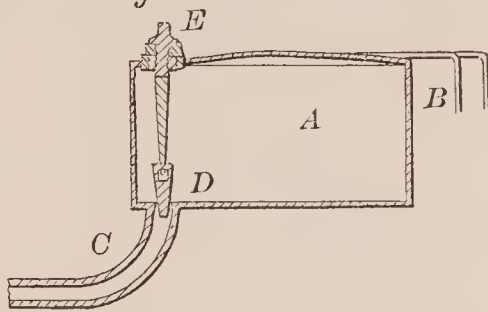
65993—A. Bingham—*Blind Fastener.*



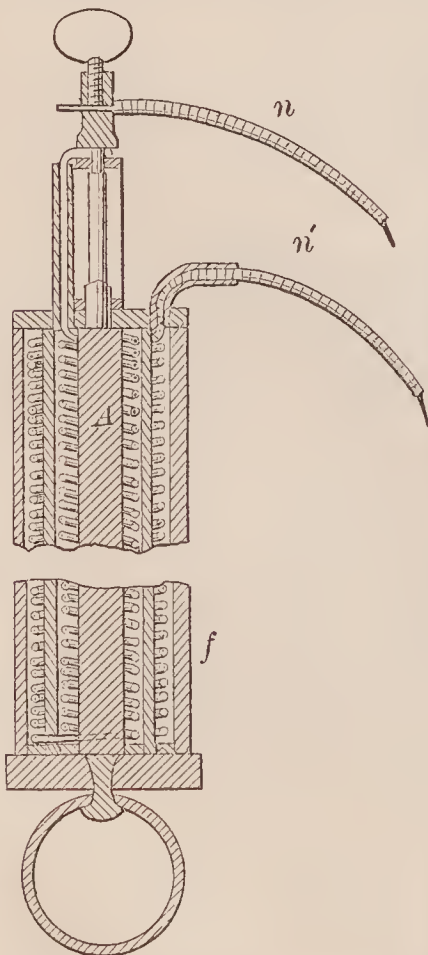
65998—C. Buckley—*For Forming Spectacle Frames.*



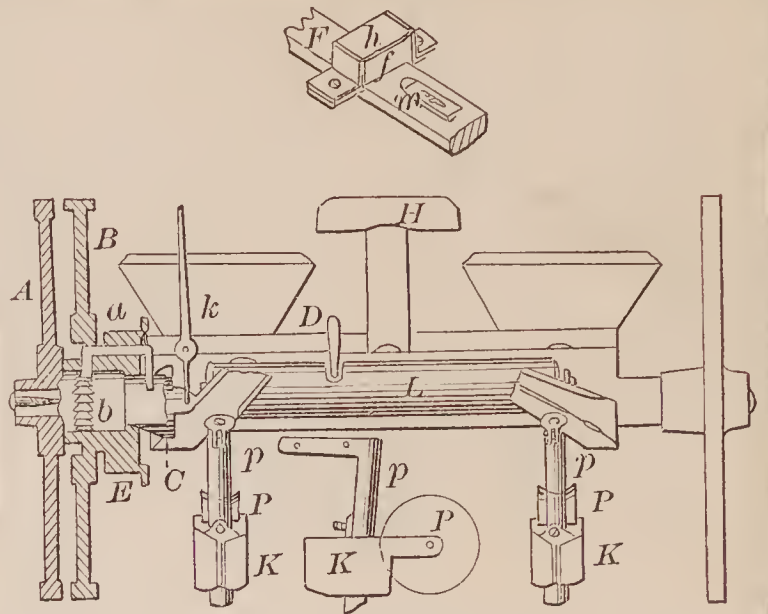
65999—Burke & Wright—*Treating Hydro-Carbon Oils.*



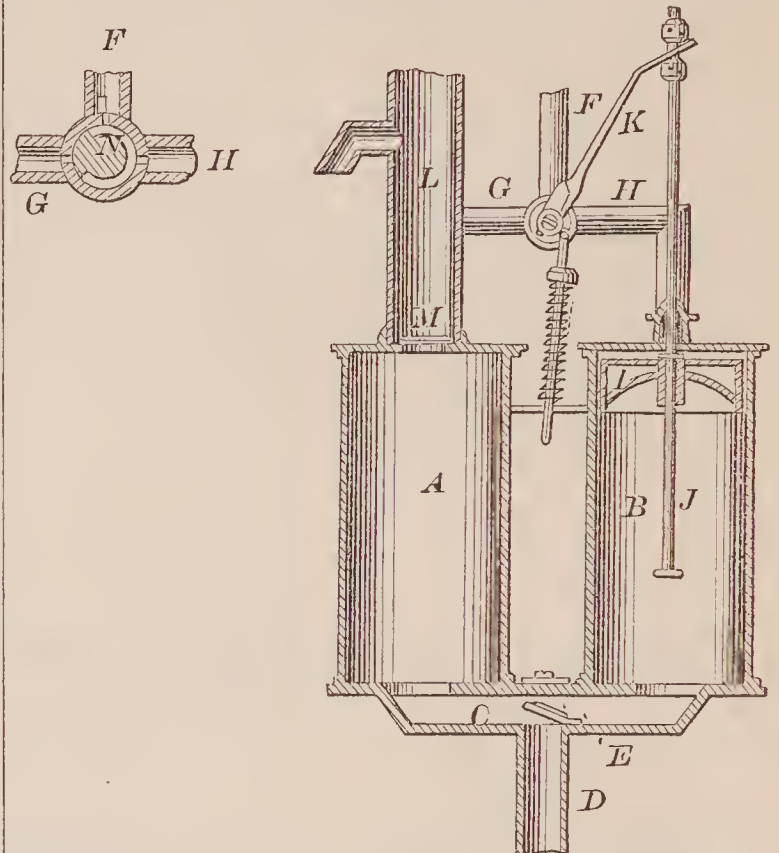
66001—S. G. Cabell—*Electro Magnet.*



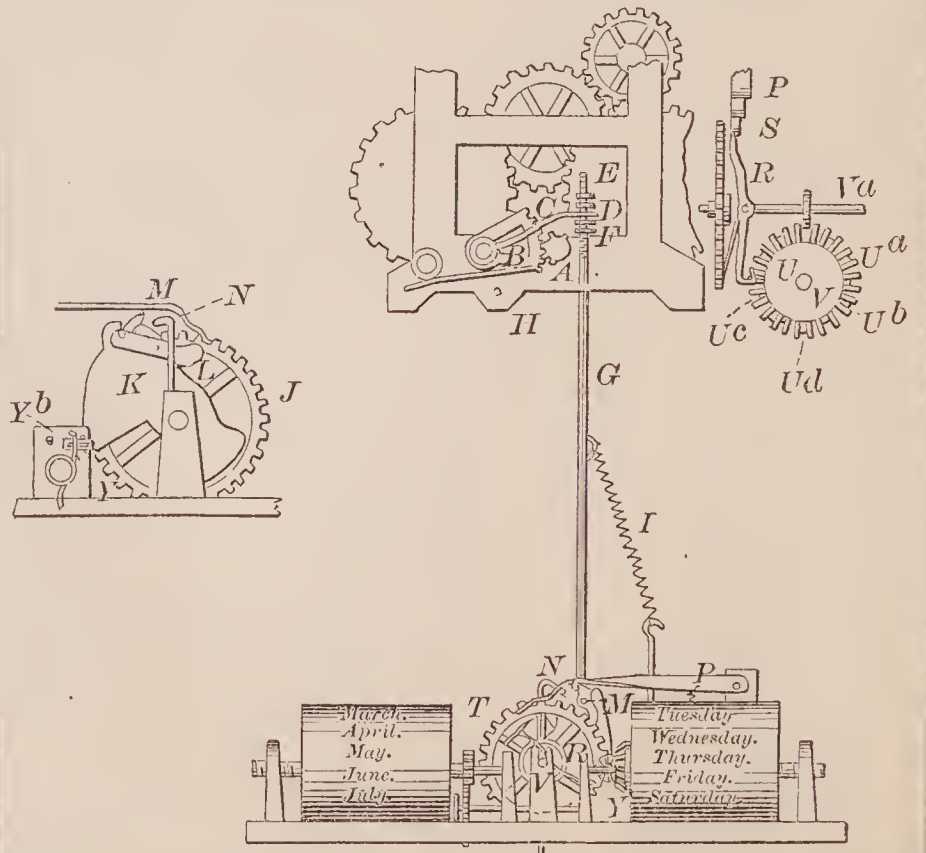
66002—Camp & Fox—*Corn Planter.*



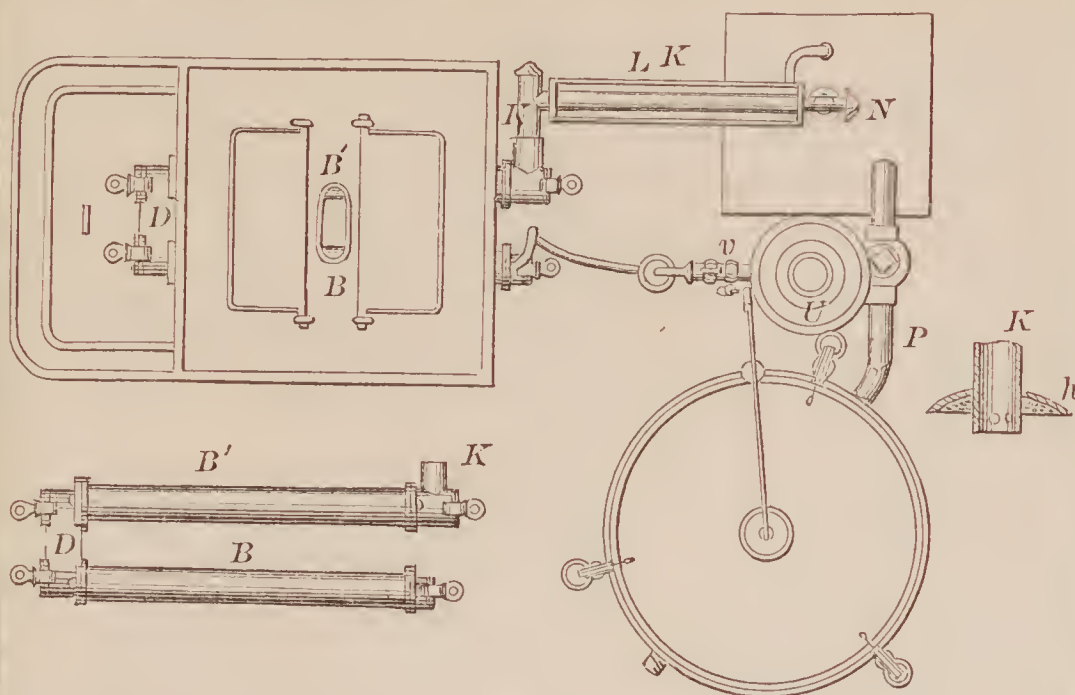
66000—M. Burton—*Steam Water Elevator.*



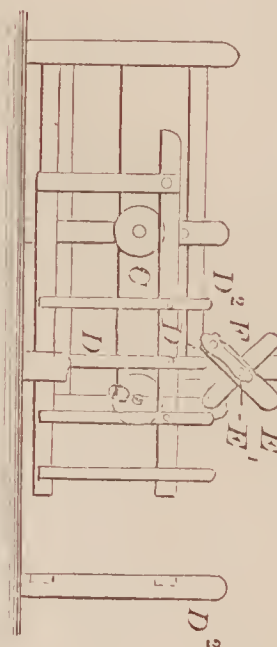
66003—Clinton & Mood—*Calendar Clock.*



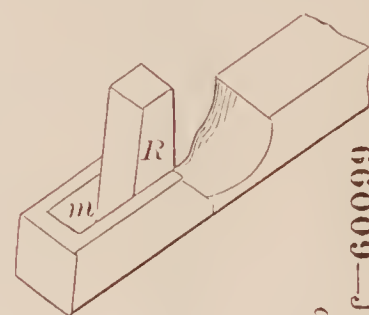
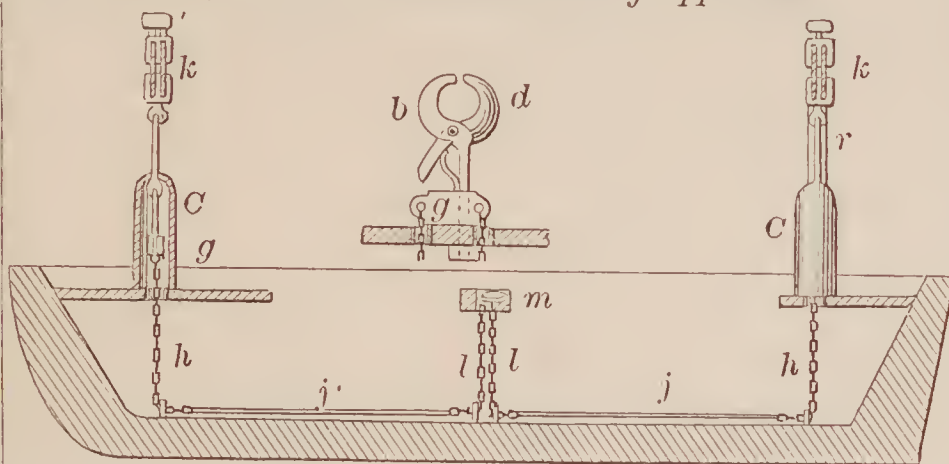
66004—C. Deavs—*Gas Apparatus.*



66008—J. W. Epperson—*Farm Gate.*

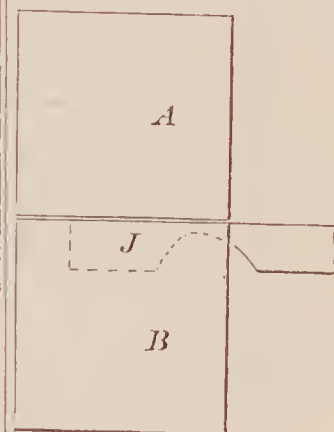
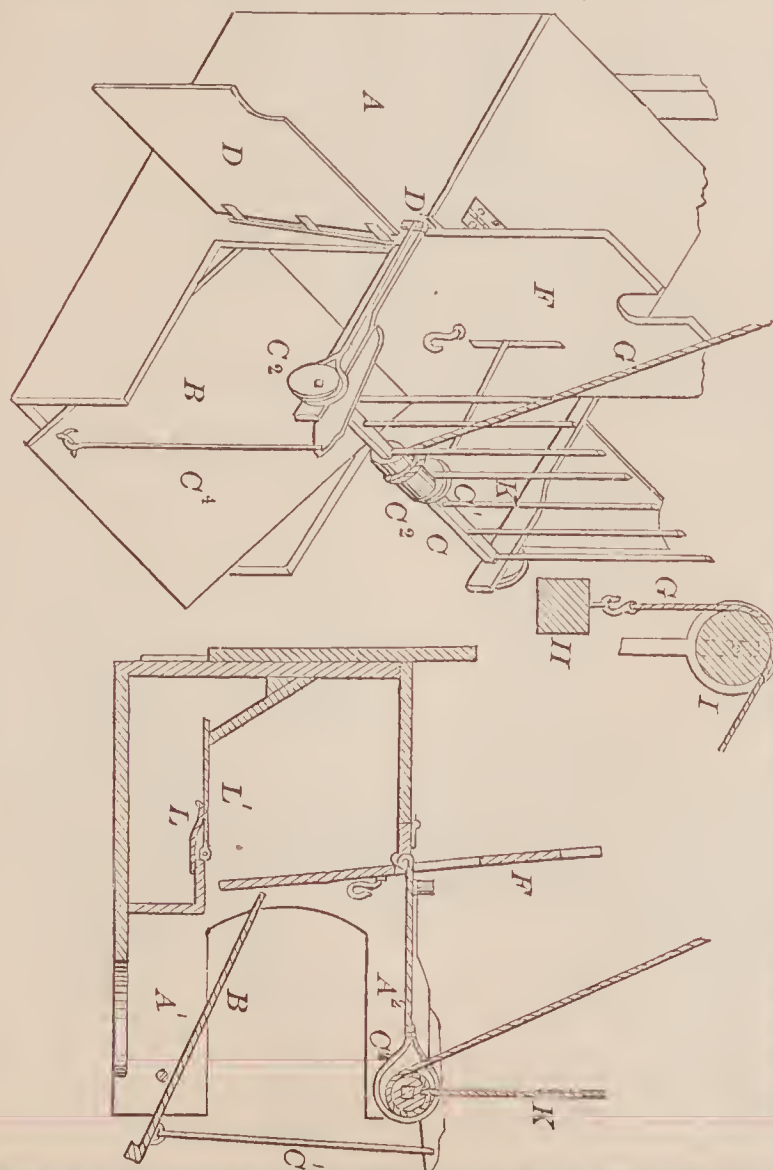


66006—W. A. Devon—*Boat Detaching Apparatus.*



66009—J. S. Farnsworth—*Die for Snagging and Punching Wrench Flats.*

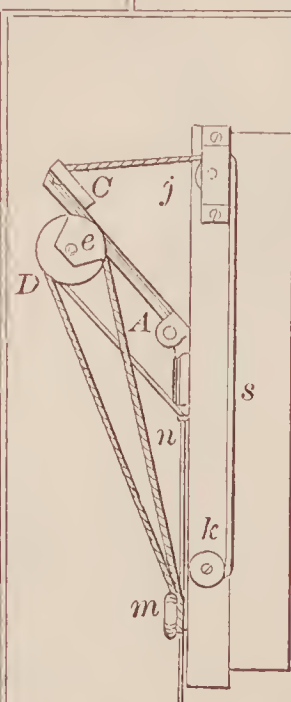
66007—J. P. Emswiler—*Animal Trap.*

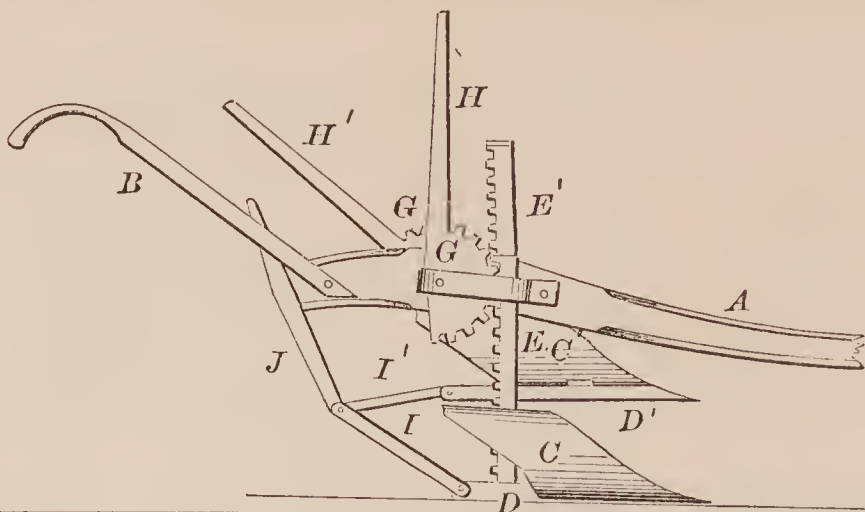
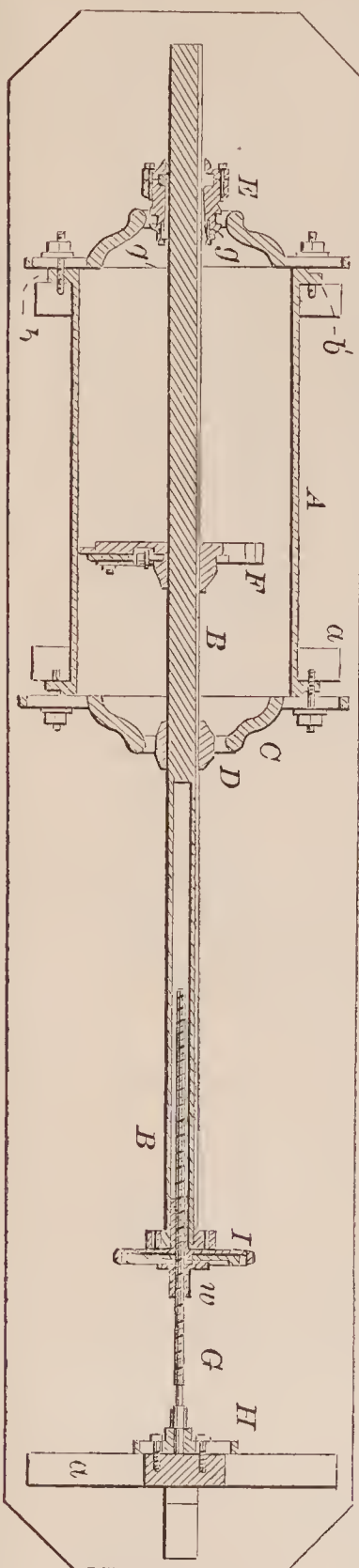
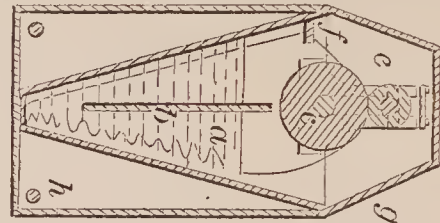
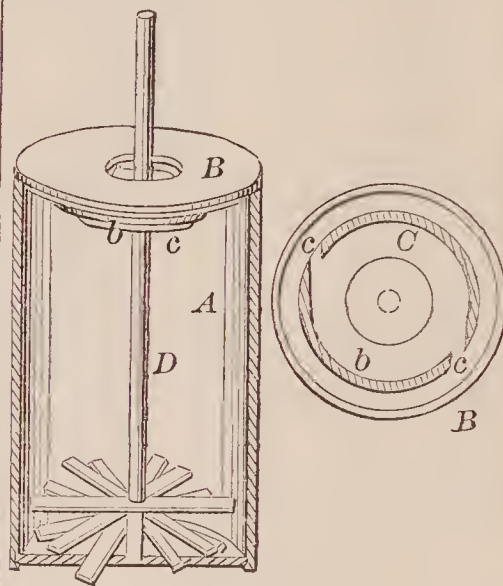
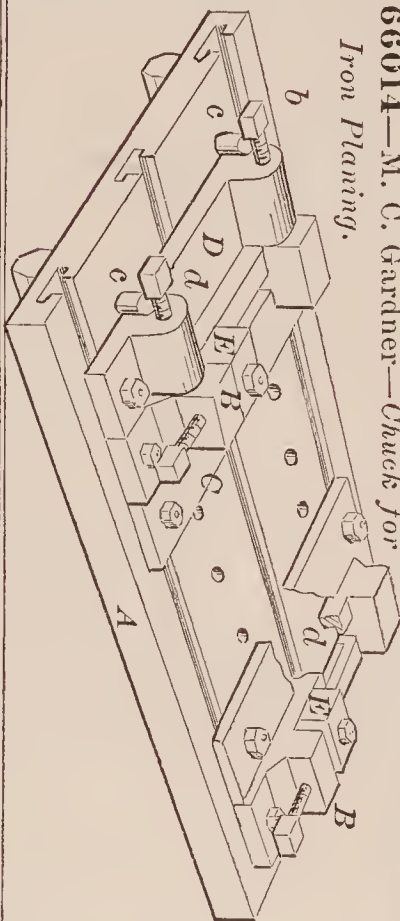
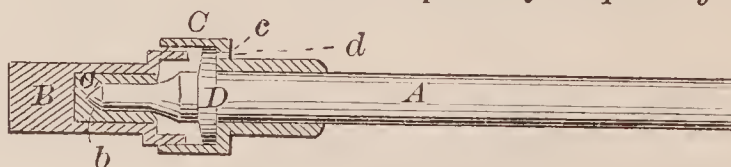
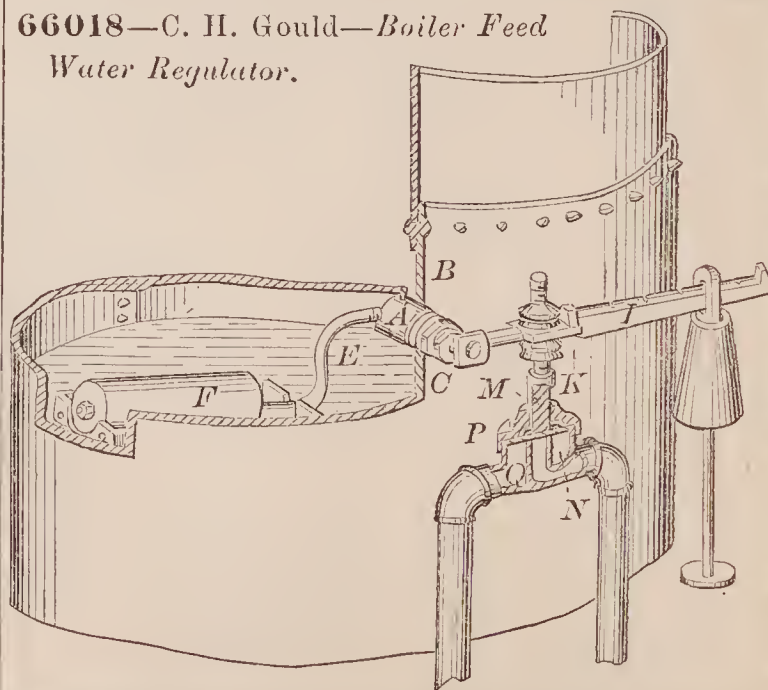
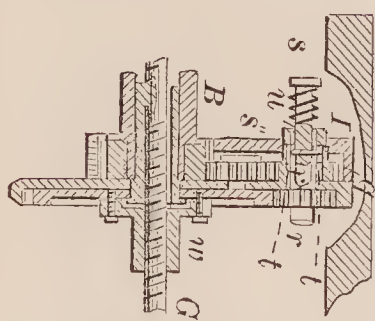
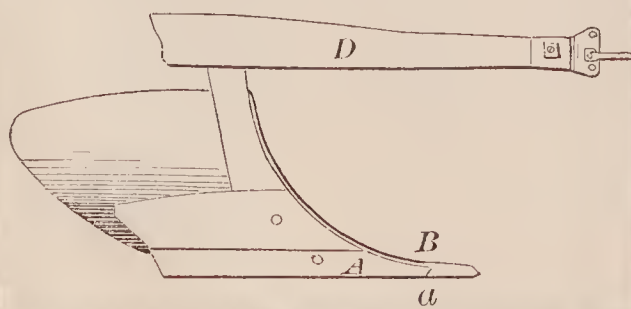


66005—R. G. & L. B. Dennett—*Window Screen.*

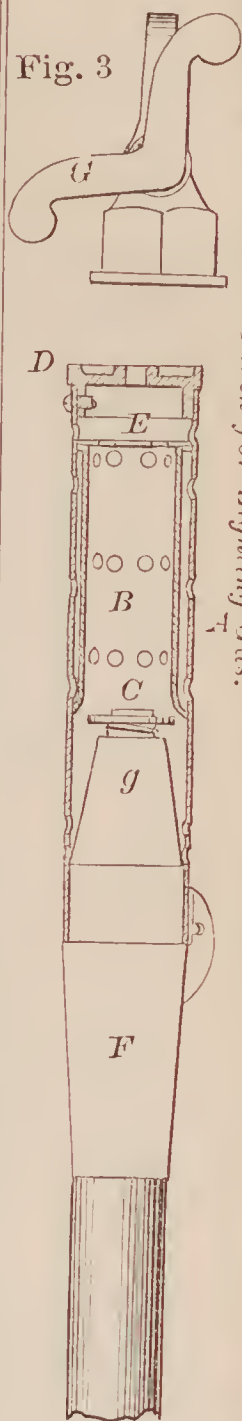


66010—M. R. Fenton—*Curtain Picture.*

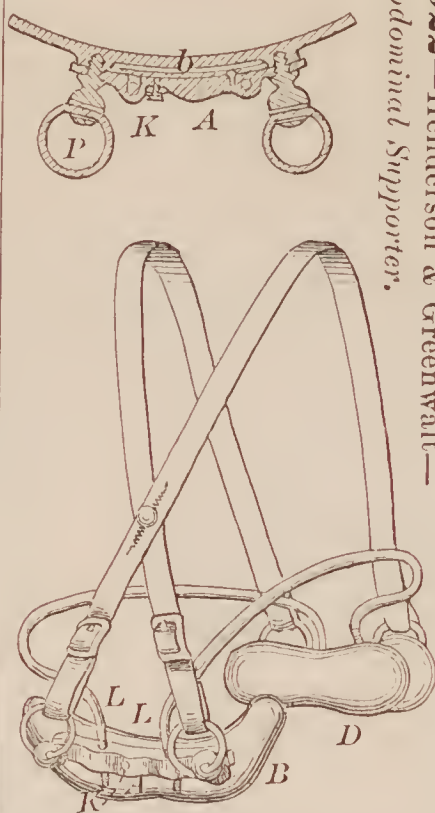


66012—P. H. Flansburgh—*Side Hill Plow.*66011—L. B. Flanders—*For Boring Cylinders.*66013—J. B. Fuller—*Bleaching.*66015—J. C. Gaston—*Churn.*66014—M. C. Gardner—*Chuck for Iron Planing.*66017—A. H. Gilman—*Spindle for Spinning.*66018—C. H. Gould—*Boiler Feed Water Regulator.*66016—L. Gibbs—*Plow.*

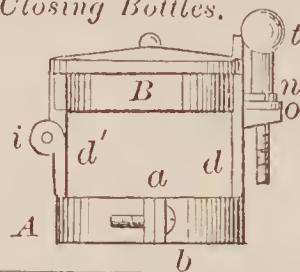
66021—W. E. Heath—Torch for lighting Gas.



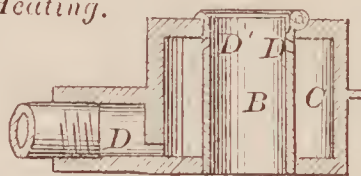
66022—Henderson & Greenwalt—Abdominal Supporter.



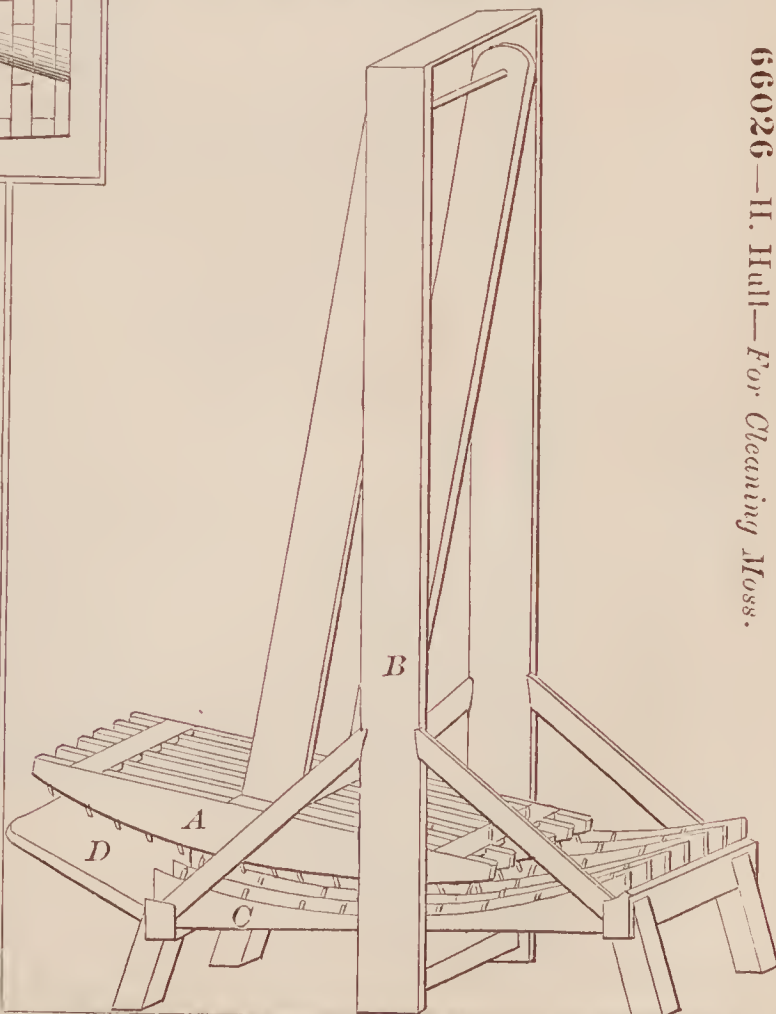
66023—C. Herman—For Closing Bottles.



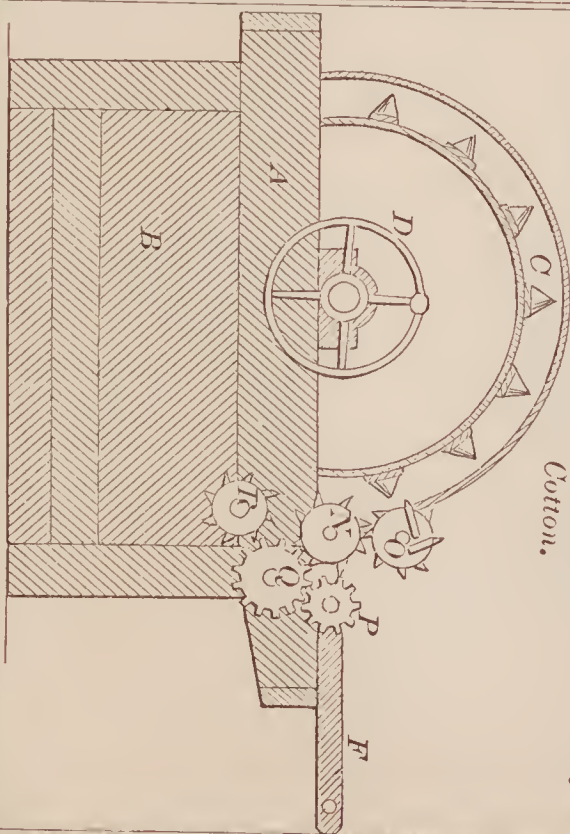
66025—D. L. Holden—Petroleum Gas Burner for Heating.



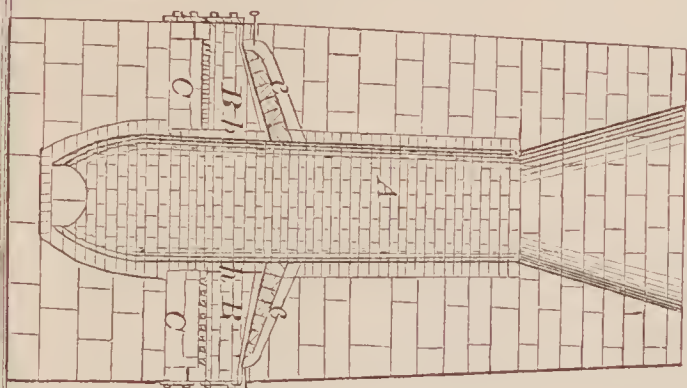
66026—H. Hall—For Cleaning Moss.



66020—D. Harding—For Beating and Picking Cotton.



66024—C. Hinkley—Lime Kiln.



66019—W. Hanson—Sorghum Elevator.

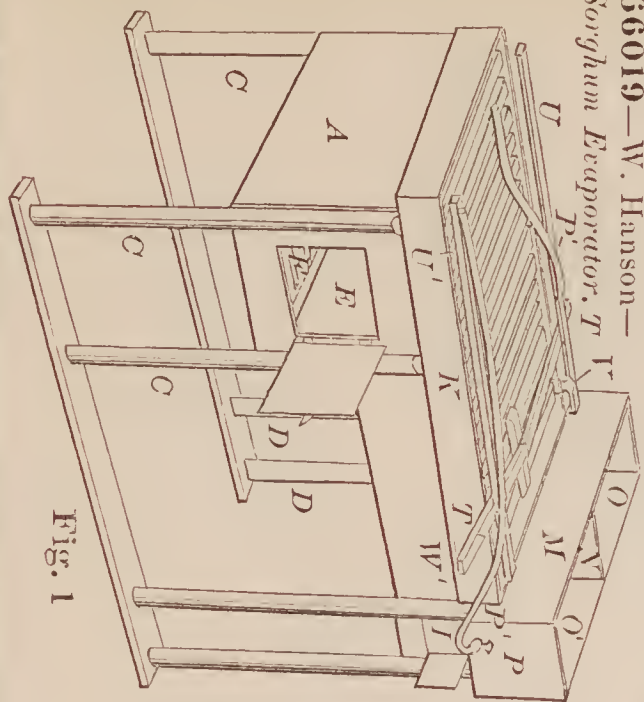
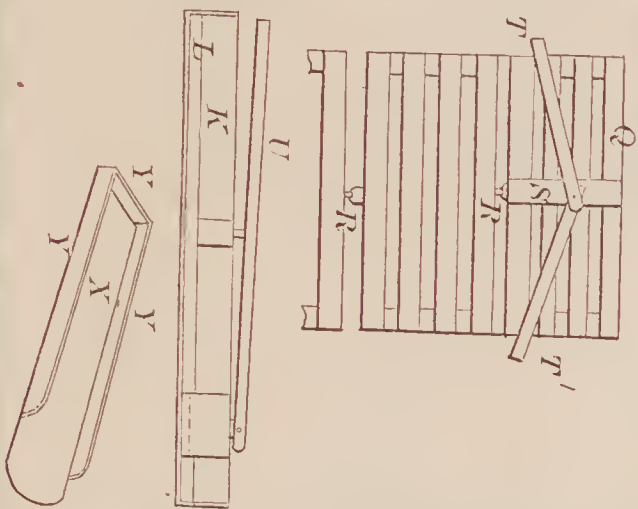
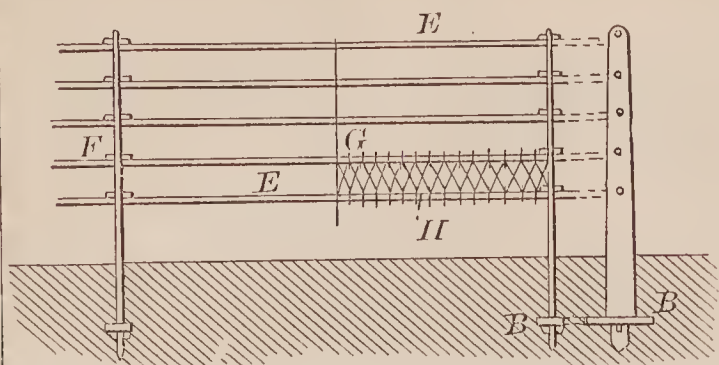
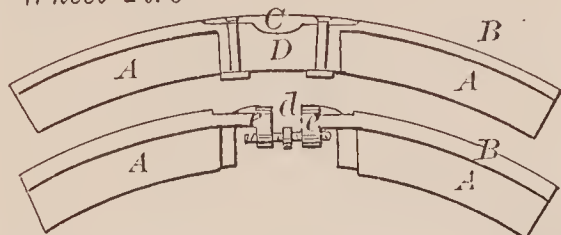
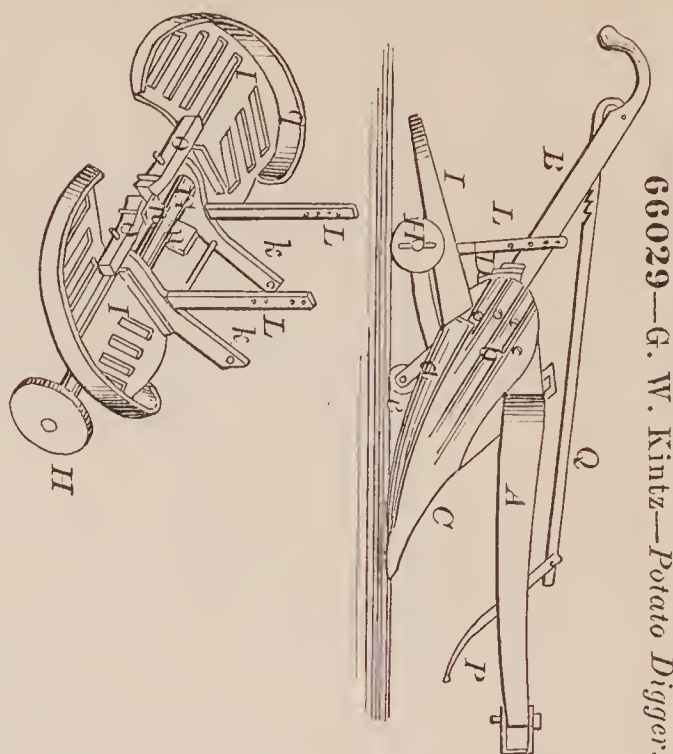
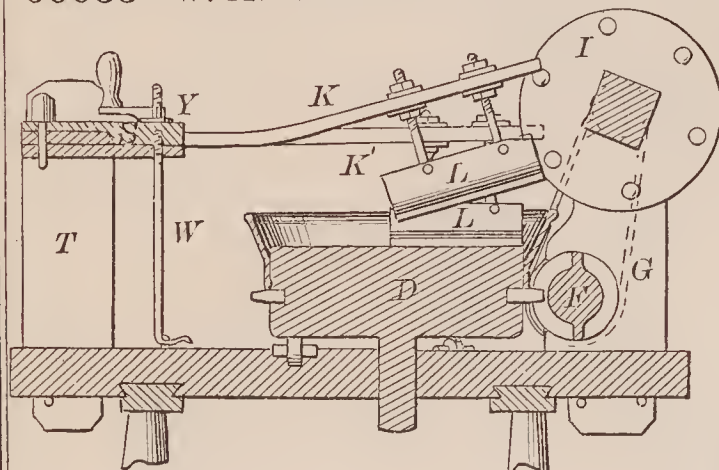
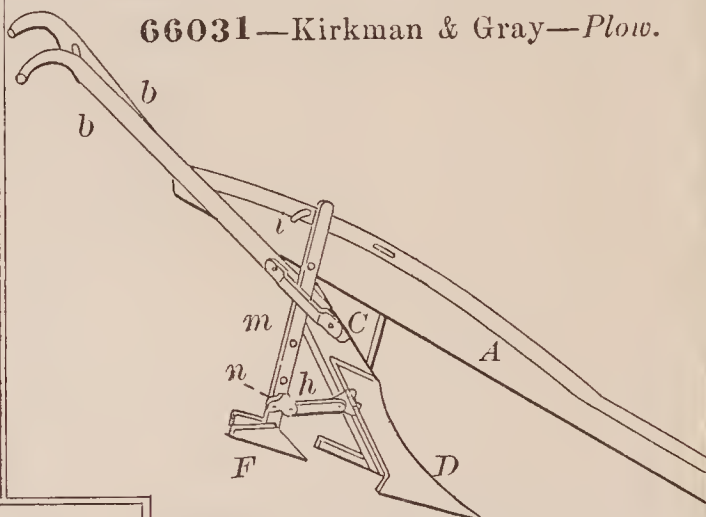
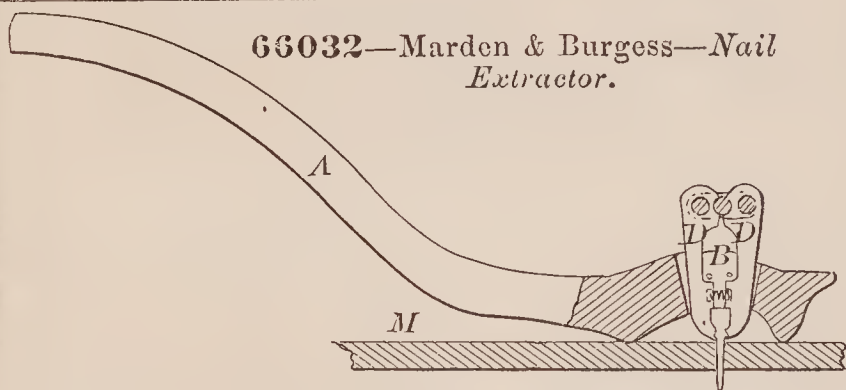
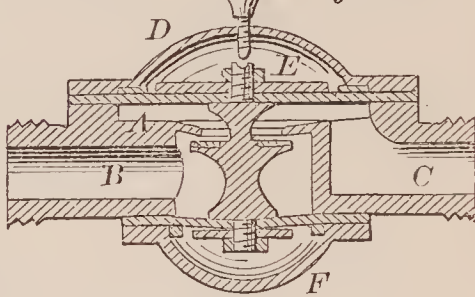
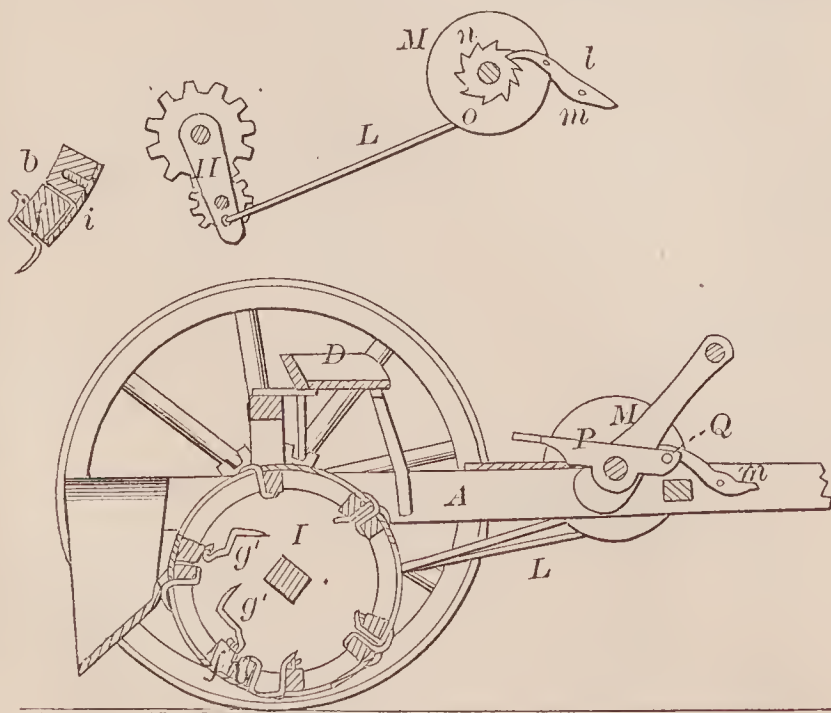
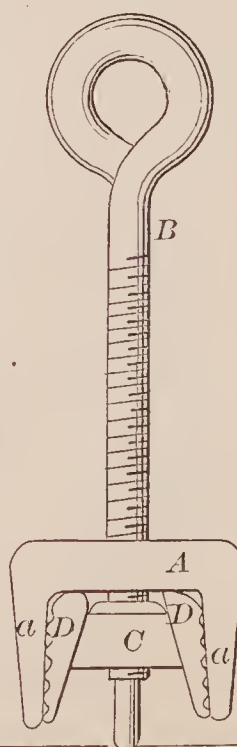
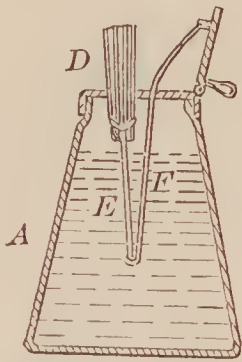


Fig. 1

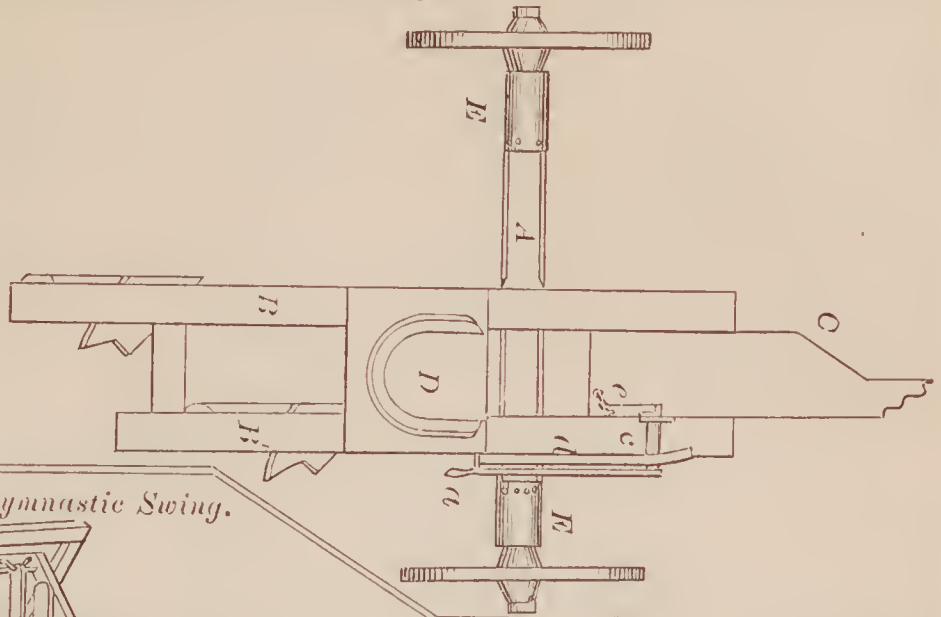


66027—M. Ingersoll—*Field Fence.*66030—Kirkman & Gray—*Adjustable Wheel Tire*66033—W. M. Miller—*Meat Cutter.*66029—G. W. Kintz—*Potato Digger.*66031—Kirkman & Gray—*Plow.*66032—Marden & Burgess—*Nail Extractor.*66028—I. Judson—*Hydraulic Pressure Regulator.*66034—S. W. Moore—*Bean Puller.*66035—D. C. Mowrey—*Boot Crimper.*

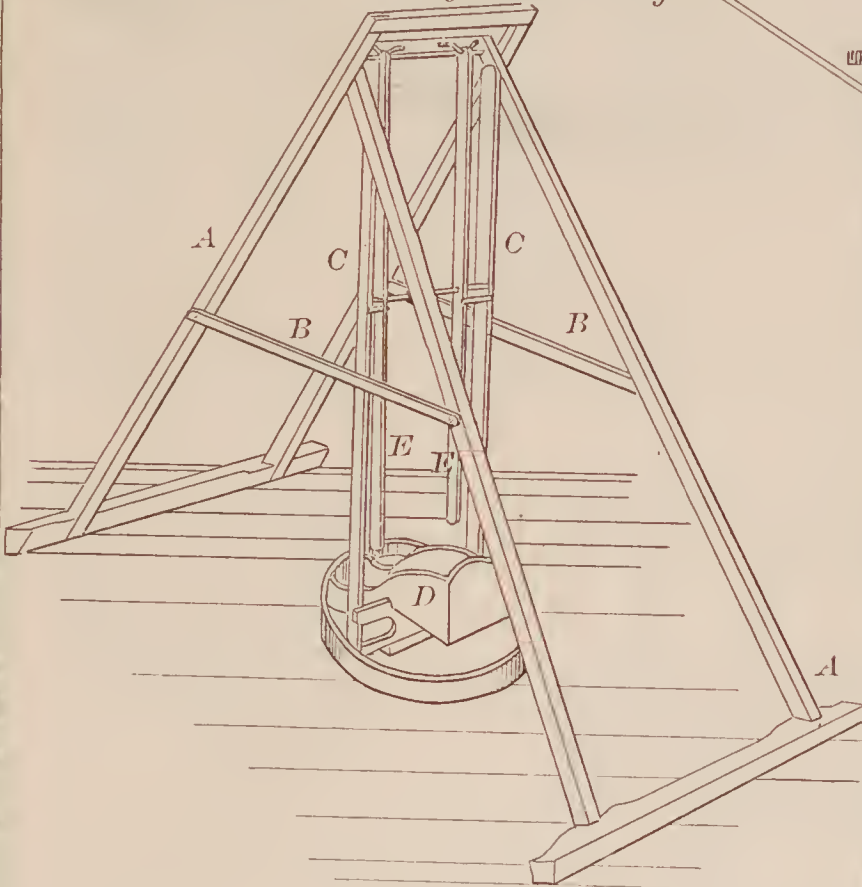
66036—A. M. Olds—*Mucilage Bottle.*



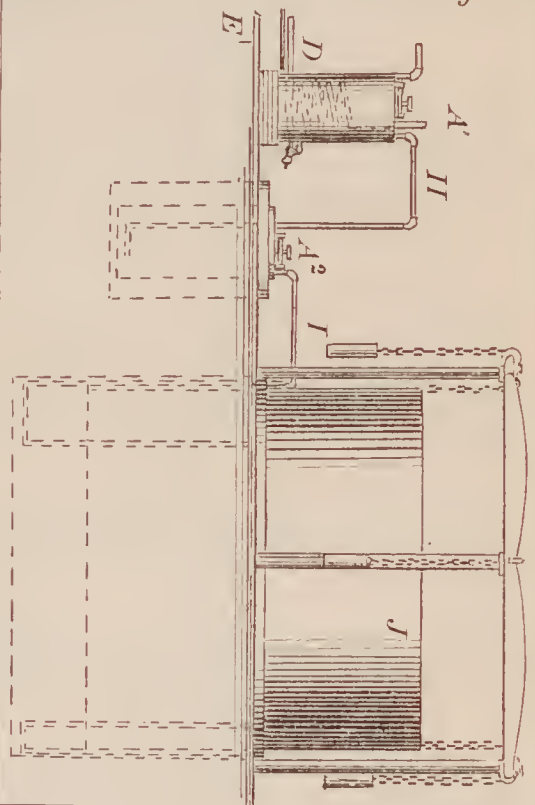
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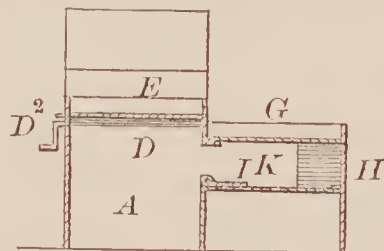
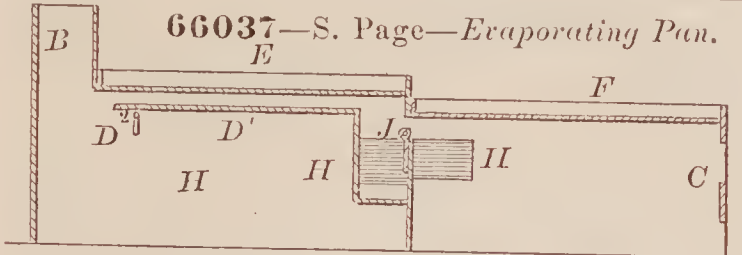
66038—A. P. Payson—*Gymnastic Swing.*



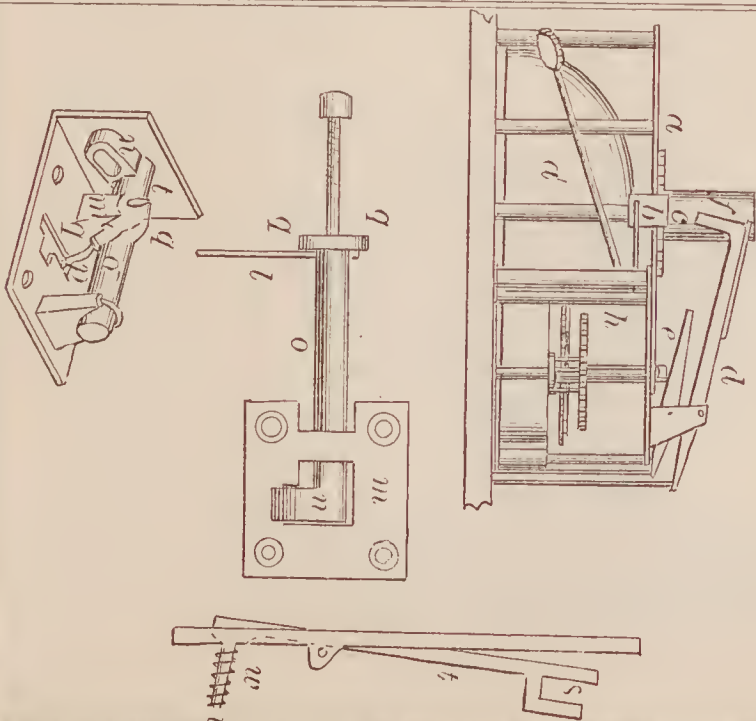
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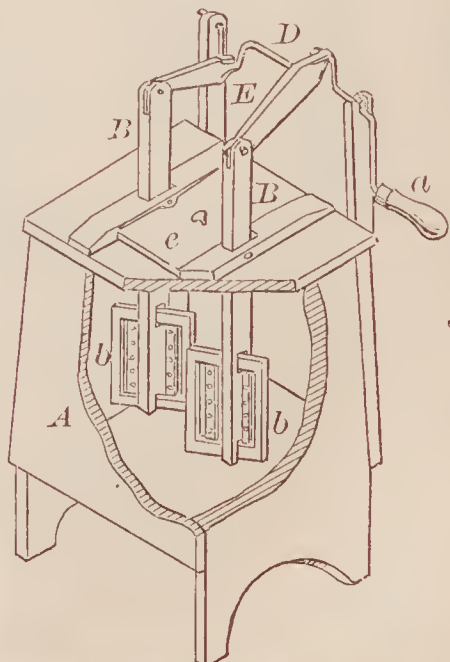
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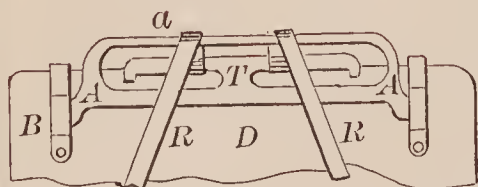
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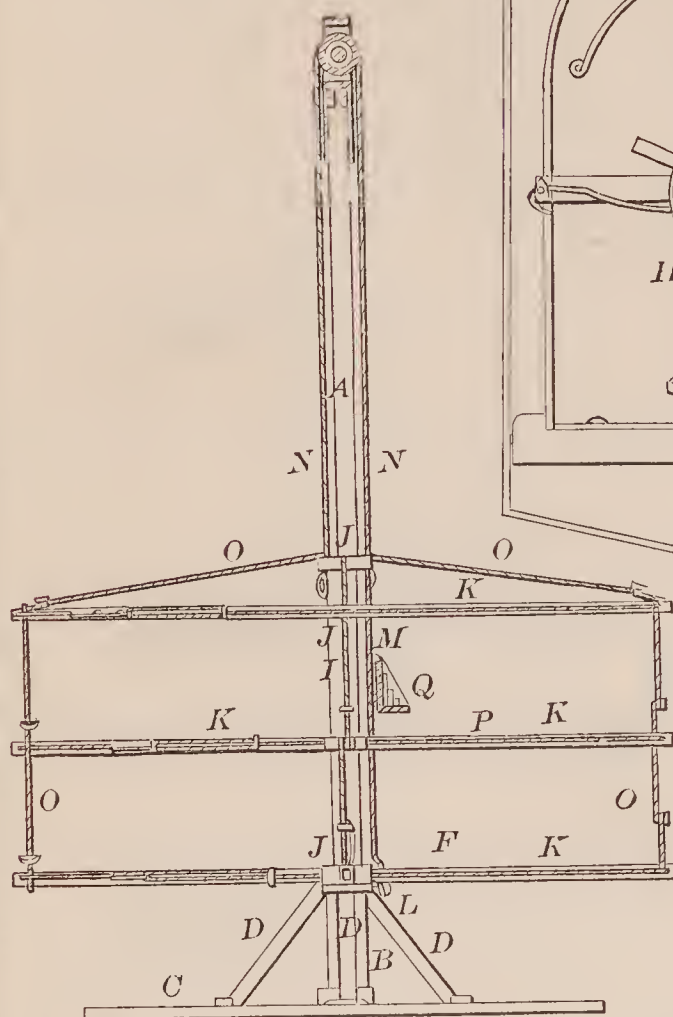
66042—J. H. Roundey—*Churn.*



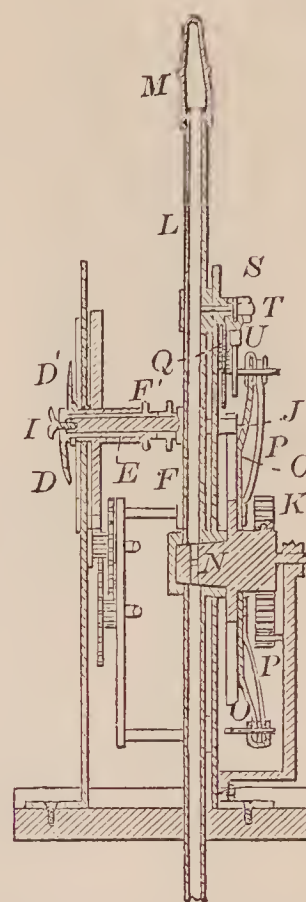
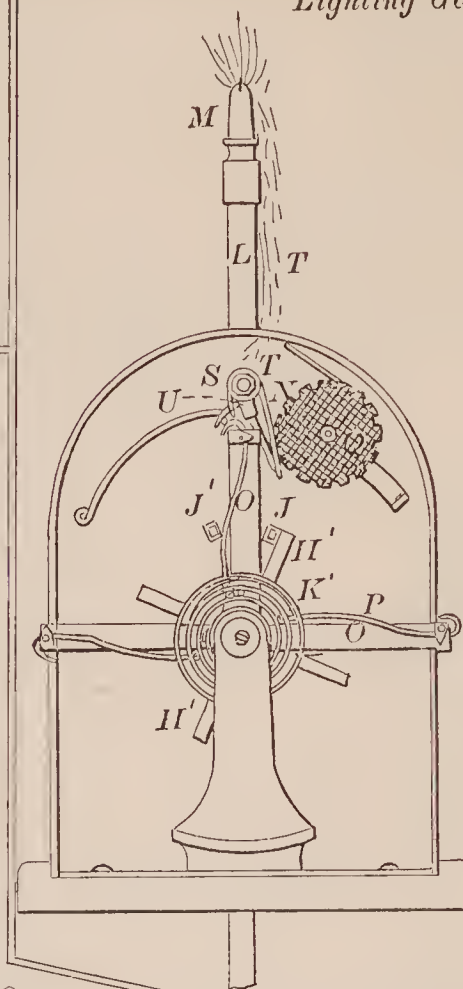
66043—J. S. Russ—*Rein Holder.*



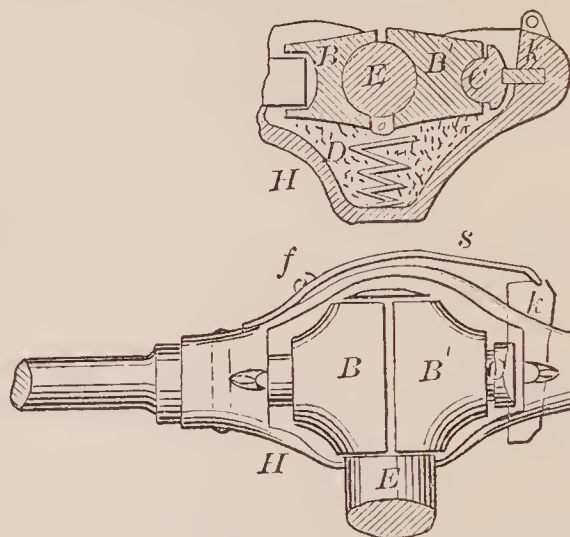
66045—E. D. Sanford—*Clothes Dryer.*



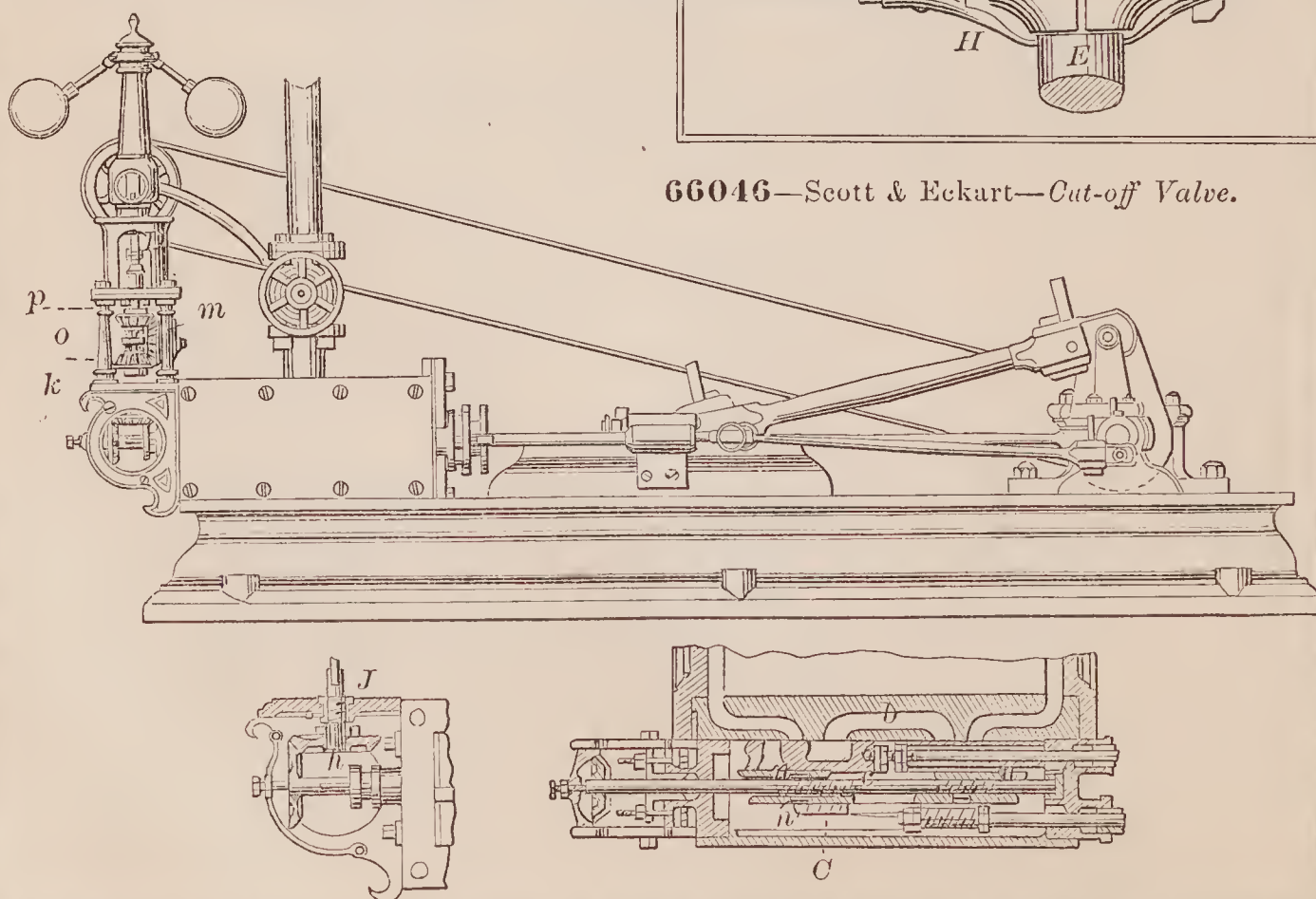
66044—E. P. Russell—*Automatic Apparatus for Lighting Gas.*



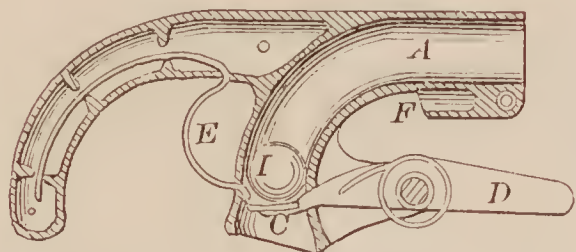
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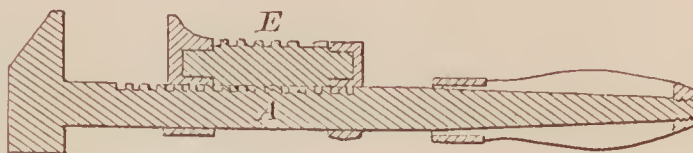
66046—Scott & Eckart—*Cut-off Valve.*



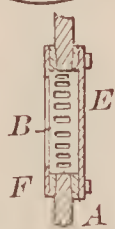
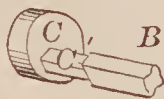
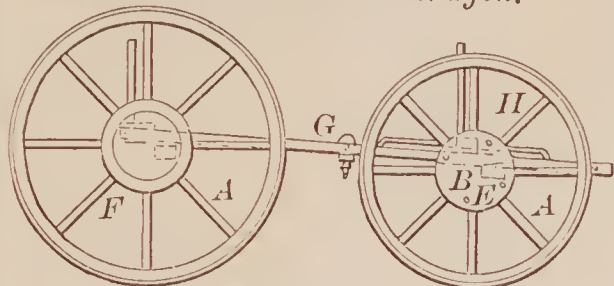
66048—Sherwood & Fitzgerald—*Toy Pistol.*



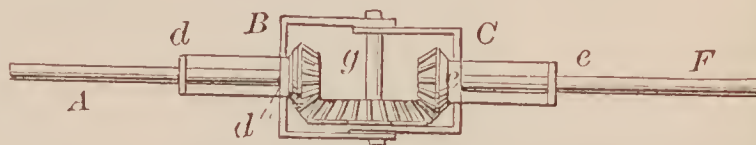
66051—I. H. Smith—*Wrench.*



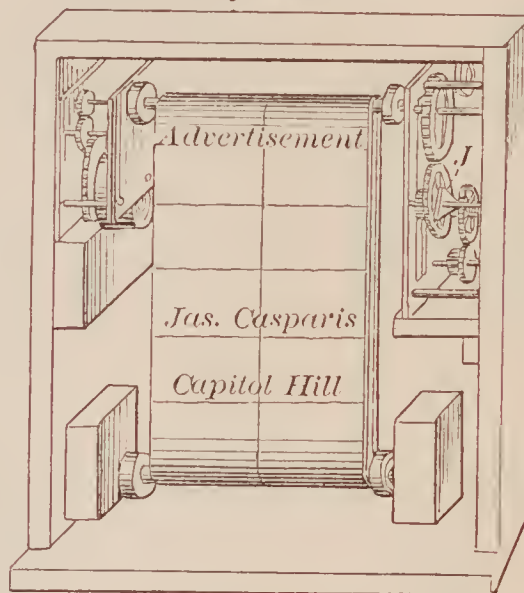
66049—S. W. Slocomb—*Wagon.*



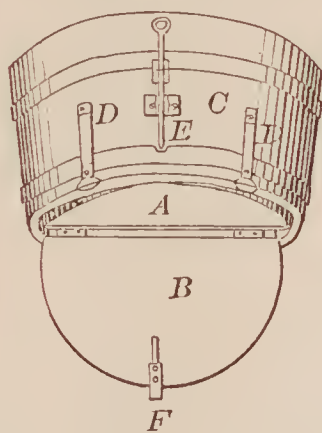
66052—R. T. Smith—*Universal Joint.*



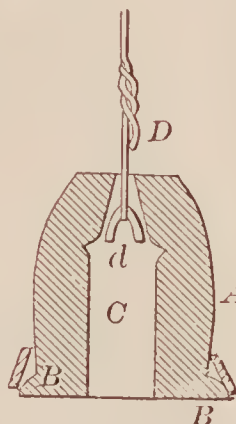
66055—I. W. Sylvester—*Advertising Machine.*



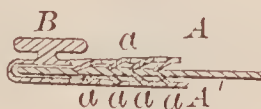
66050—H. C. Smith—*Grain Measure.*



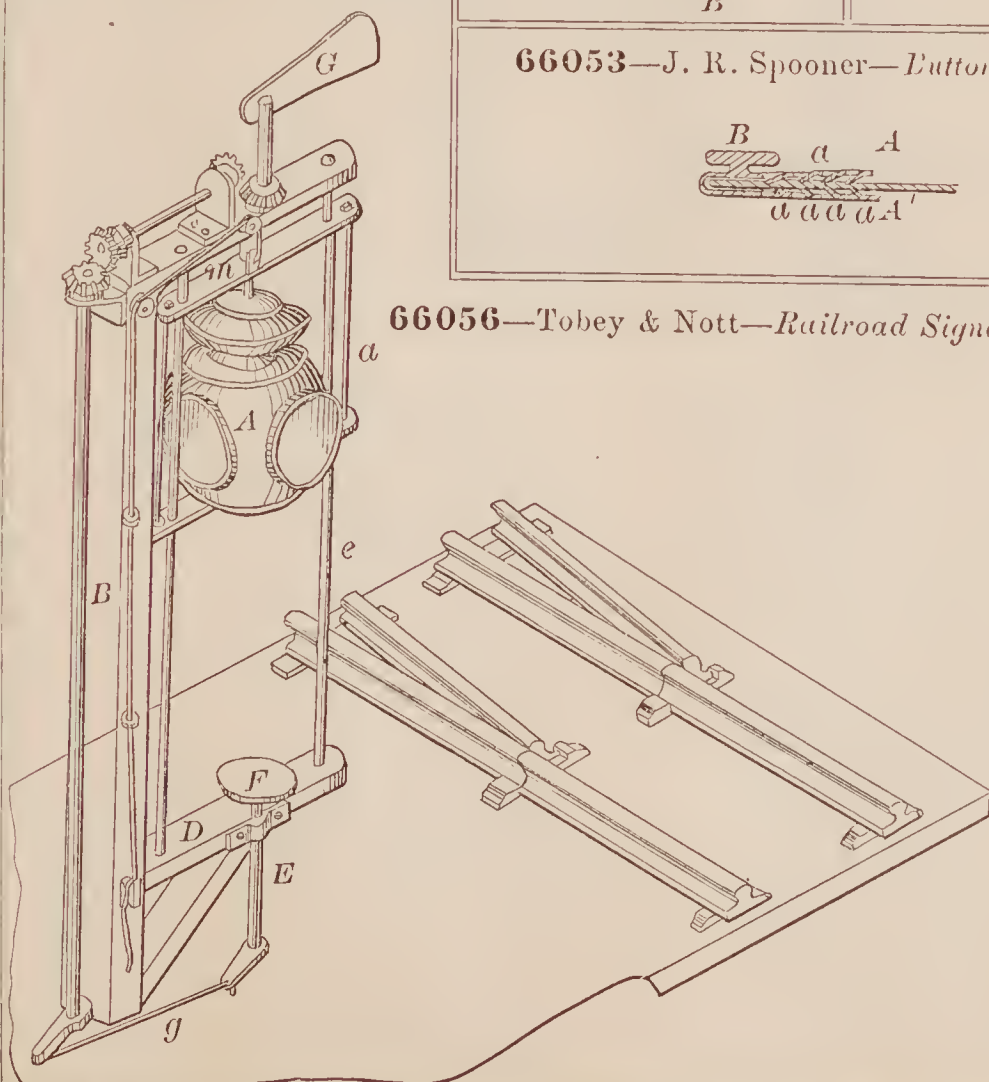
66054—D. Stebbins—*Lightning Rod Insulator.*



66053—J. R. Spooner—*Lutton.*



66056—Tobey & Nott—*Railroad Signal.*



66057—A. M. Tomb—*Bed Bottom.*

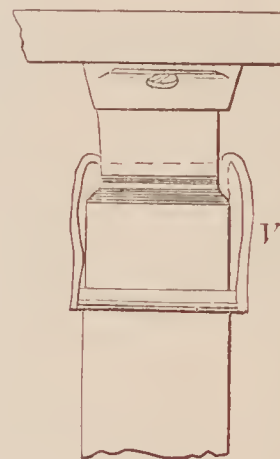
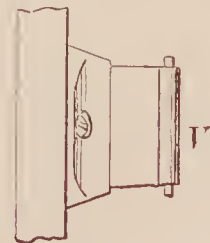
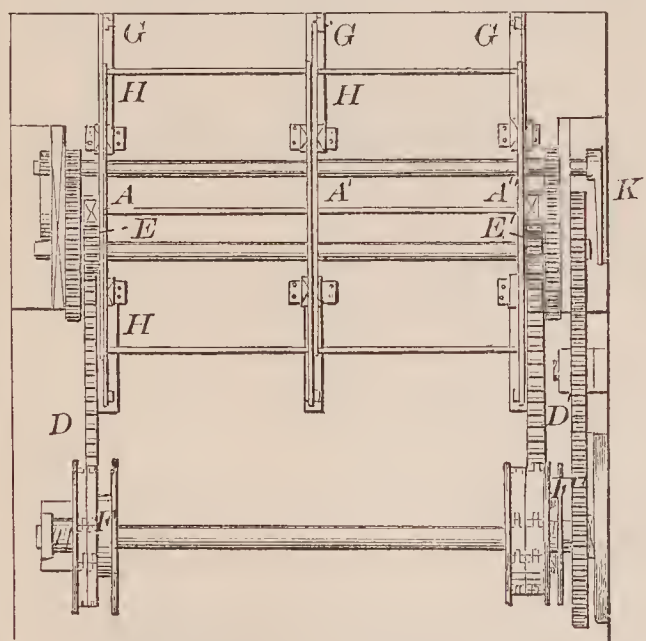
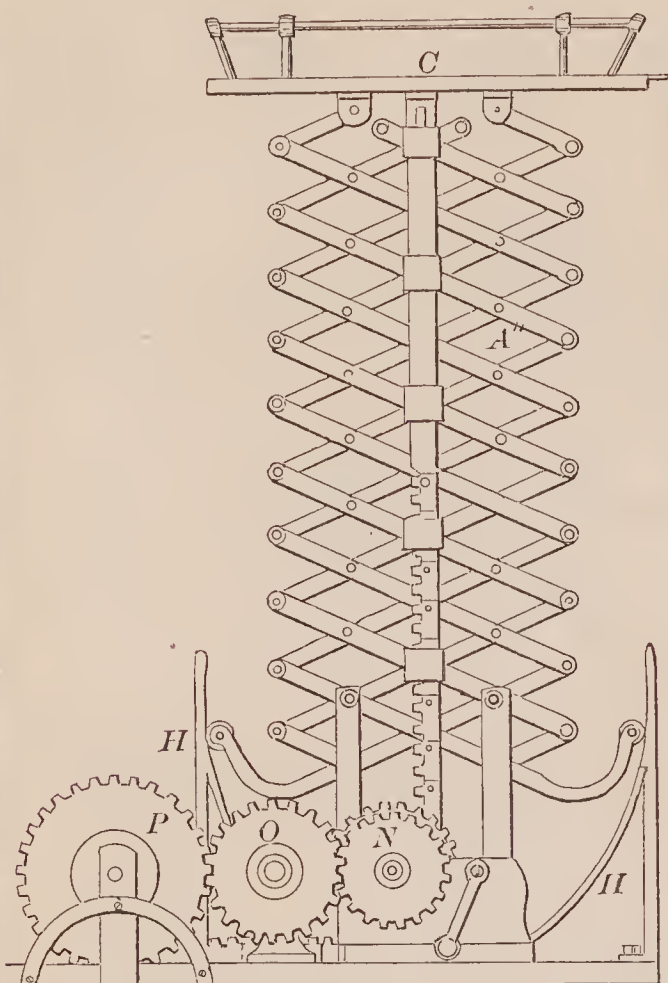
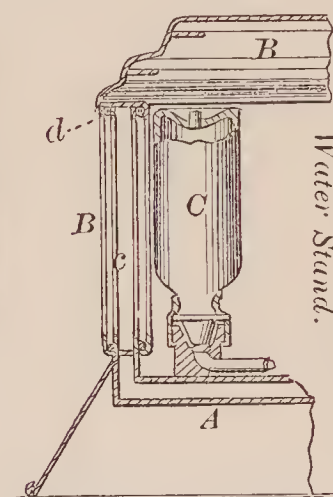
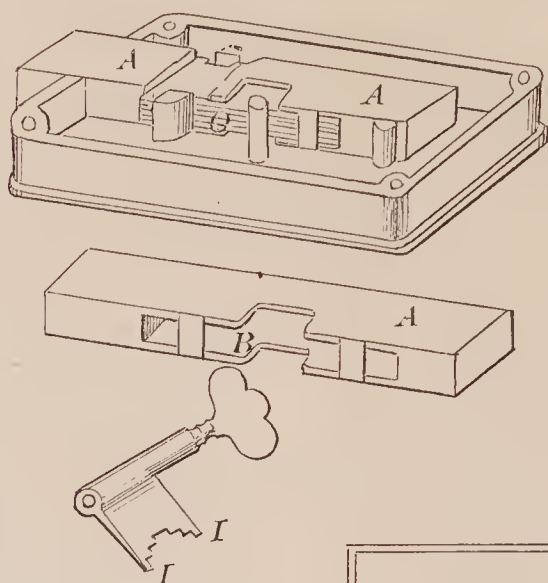
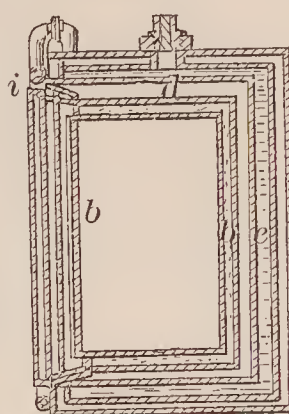
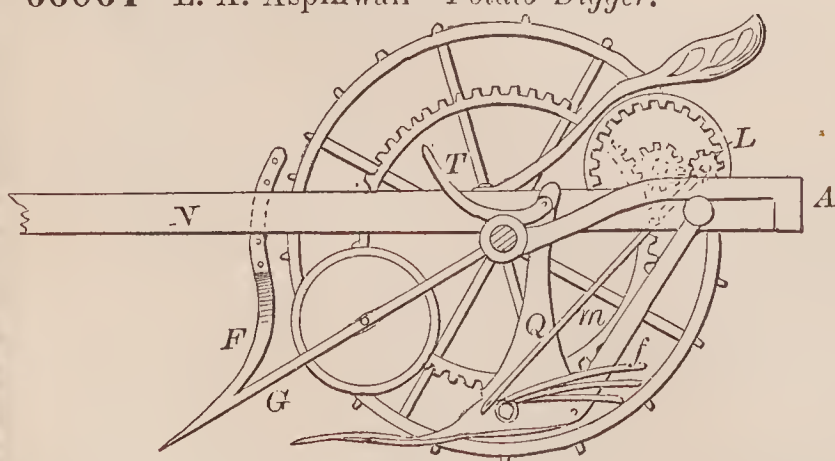
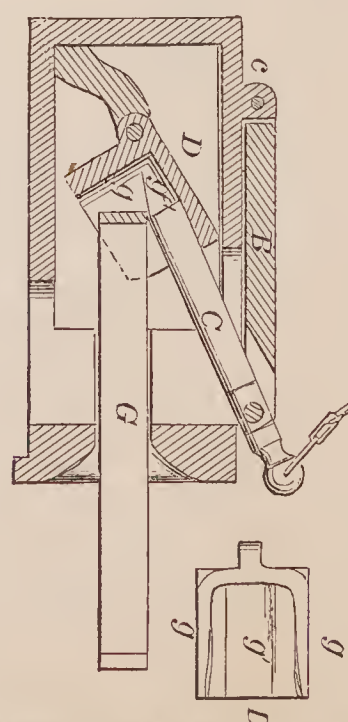
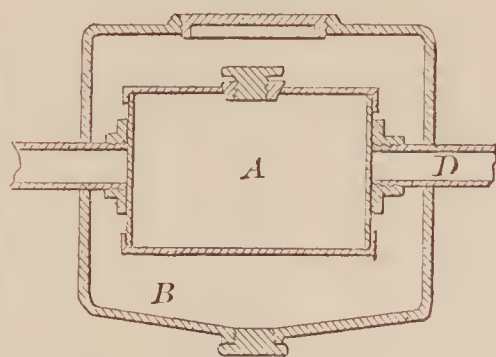


Fig. 3

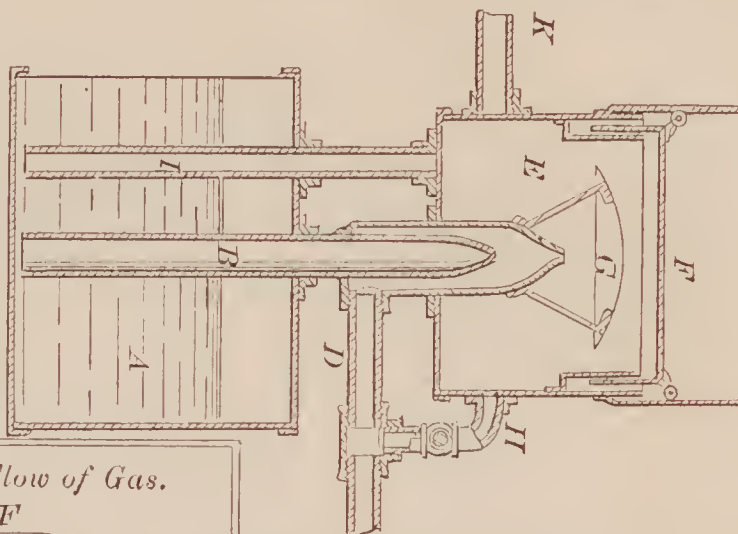


66058—Wagner & Schmid—*Fire Escape.*66059—W. P. Wentworth—*Door Lock.*66060—C. M. Whelden—*Soda Water Stand.*66062—E. H. Ashcroft—*Fireproof Safe.*66063—E. H. Ashcroft—*Gauge for Steam Generators.*66064—L. A. Aspinwall—*Potato Digger.*66065—A. Barbarim—*Fastening the Ends of Cotton Ties.*66061—J. F. Wotring—*Car Coupling.*

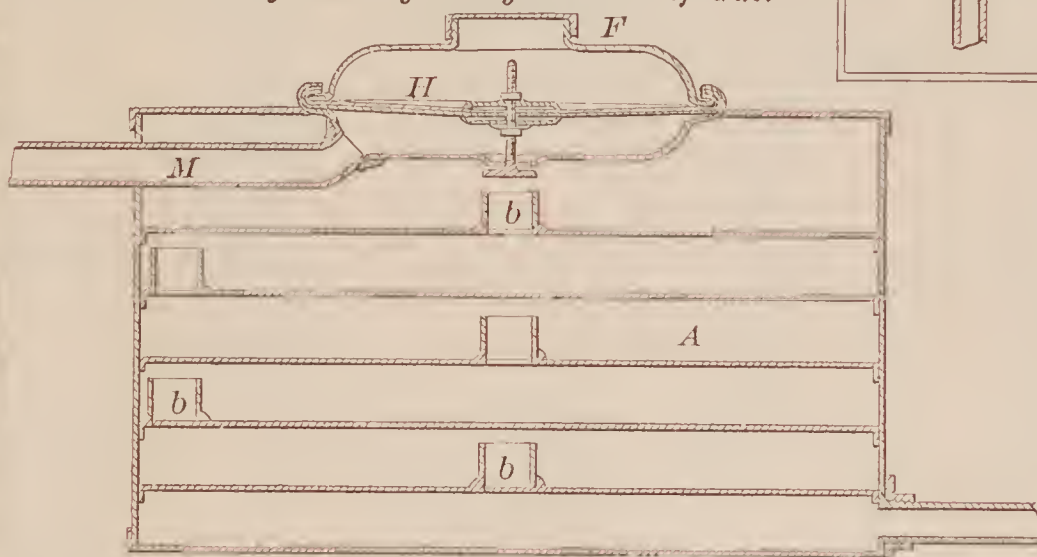
66066—J. A. Bassett—*Gas Carburettor.*



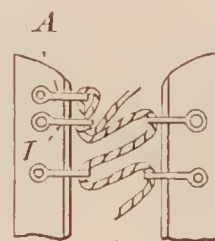
66069—J. A. Bassett—*Carburetted Gas.*



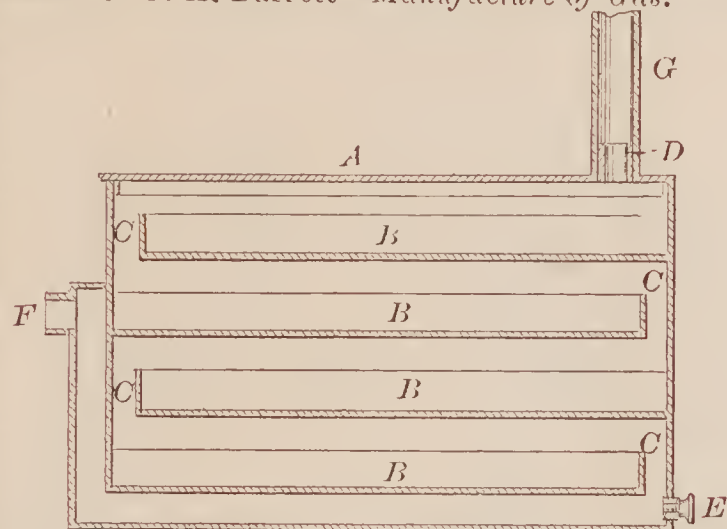
66067—J. A. Bassett—*For Carburetted and Regulating the Flow of Gas.*



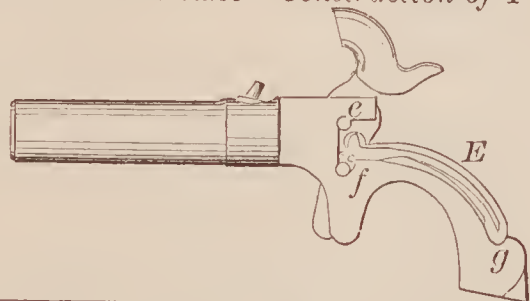
66073—W. G. A. Bonwill—*Shoe String Fastener.*



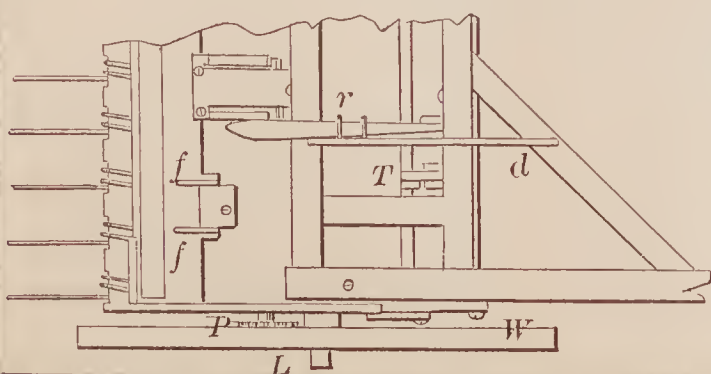
66071—J. A. Bassett—*Manufacture of Gas.*



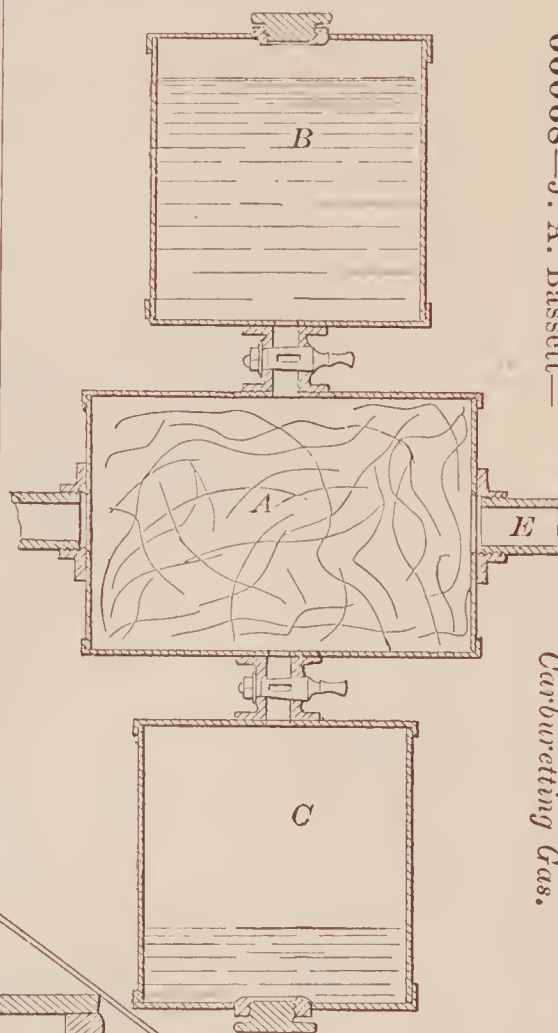
66072—J. E. Blake—*Construction of Fire Arms.*



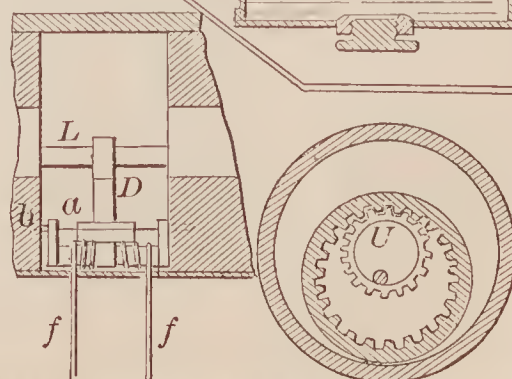
66074—G. E. Burt—*Hay Spreader.*



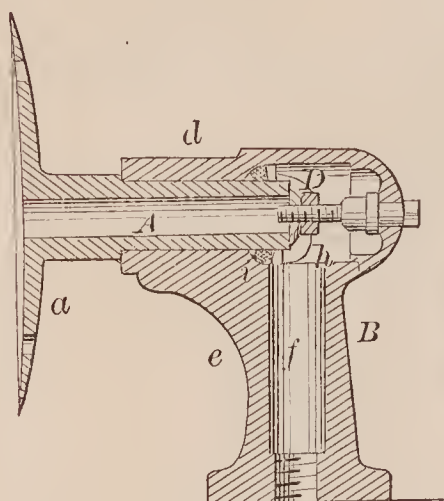
66068—J. A. Bassett—



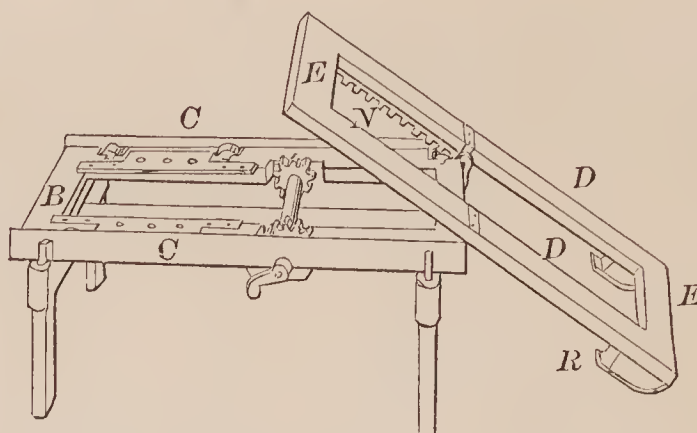
Carburetted Gas.



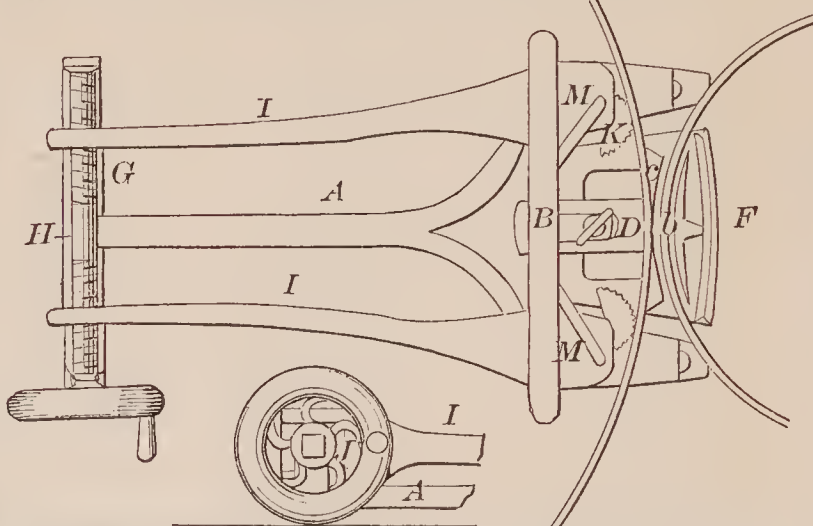
66075—H. W. Butterworth—
Steam Drying Cylinder.



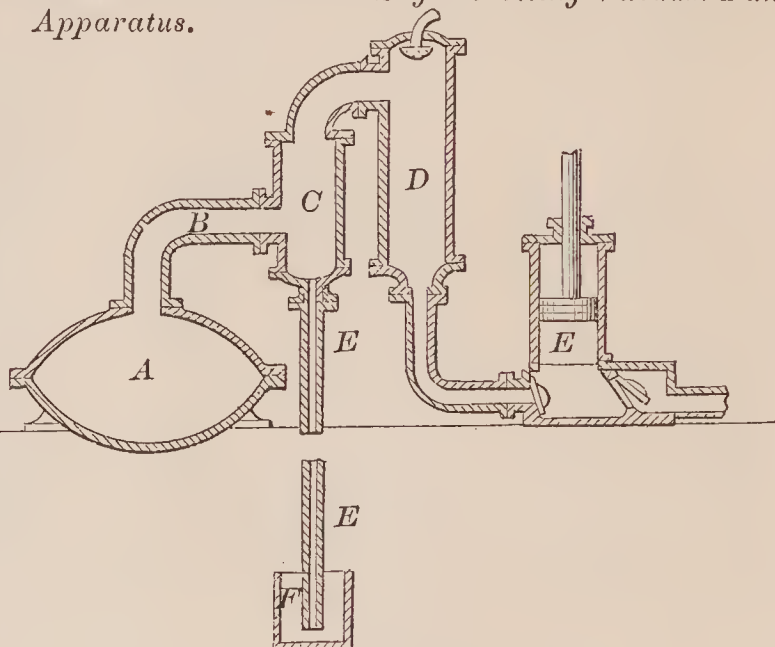
66076—N. Clute—*Dumping Wagon.*



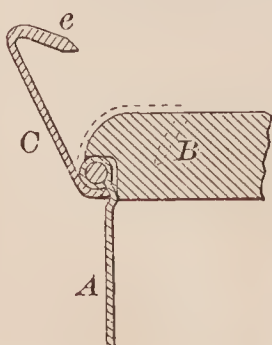
66078—D. Ellenwood—*For Shrinking Tires.*



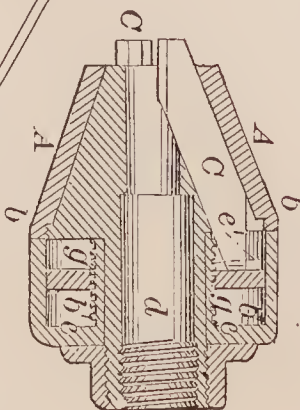
66080—C. Harriman—*Sugar Boiling Vacuum Pan Apparatus.*



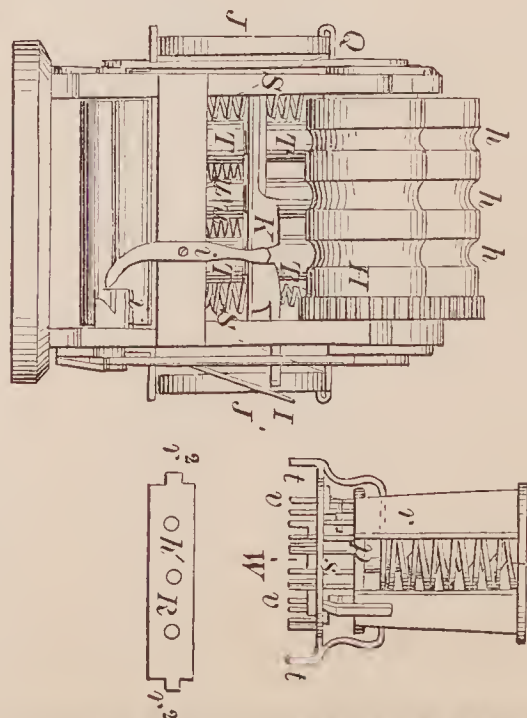
66077—F. W. Devoe—
Paint Can.



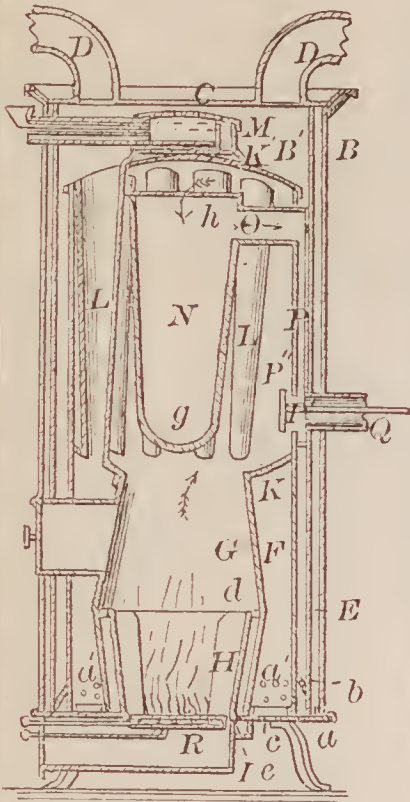
66081—Harris & Haight—*Chuck.*



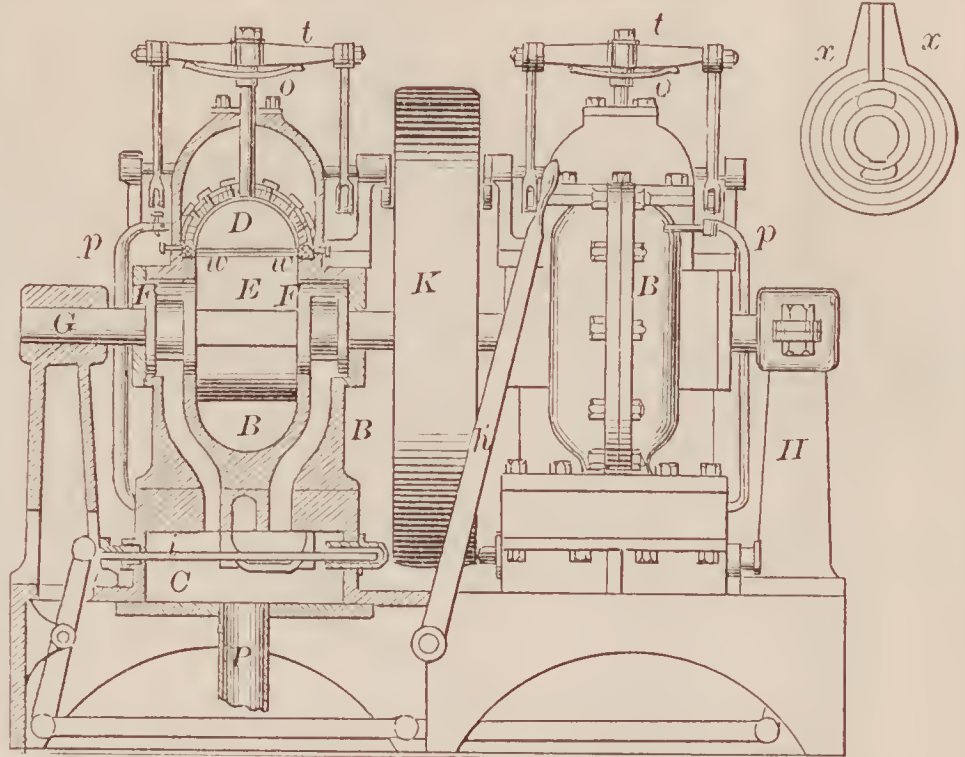
66082—J. H. Hawkins—*Cracker Machine.*



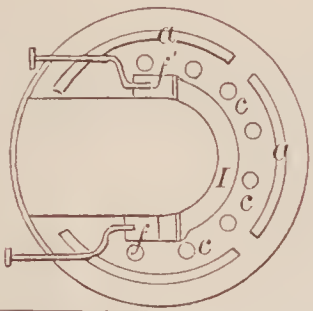
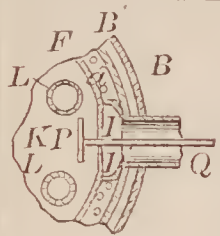
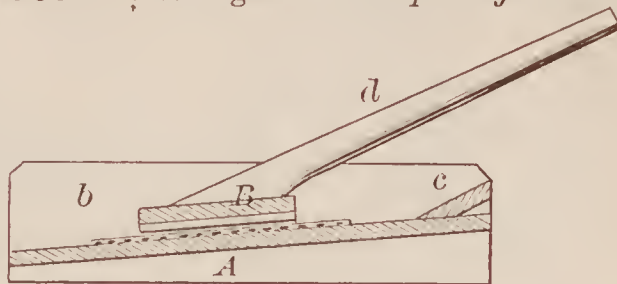
66083—F. C. Hesse—*Hot Air Furnace.*



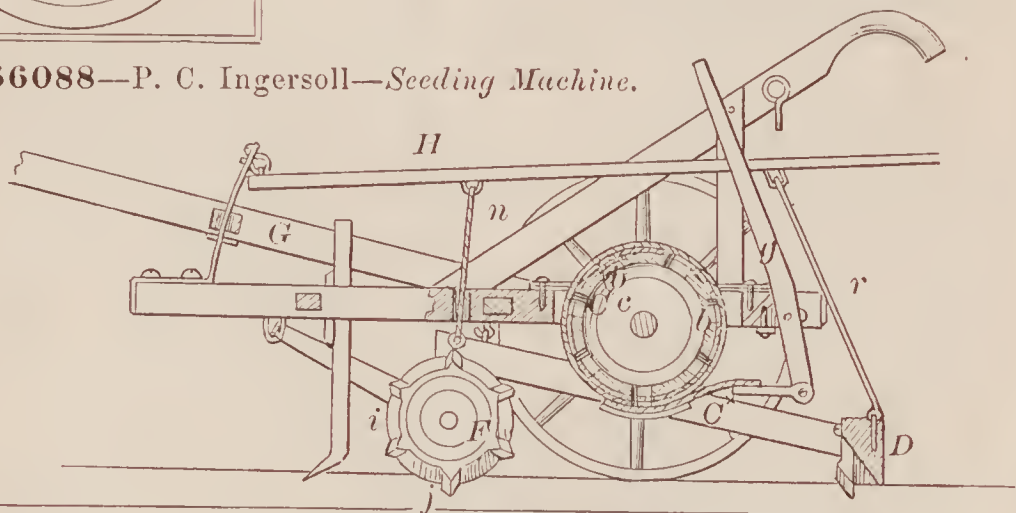
66085—W. H. Holland—*Rotary Steam Engine.*



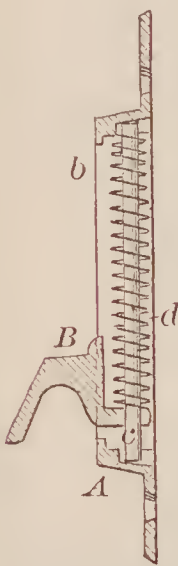
66089—P. C. Ingersoll—*Preparing Cotton Seed.*



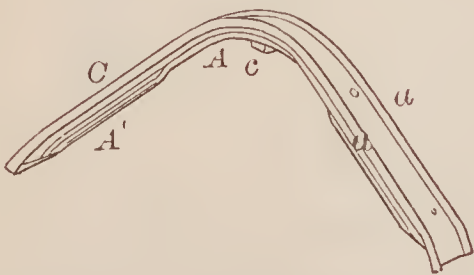
66088—P. C. Ingersoll—*Seeding Machine.*



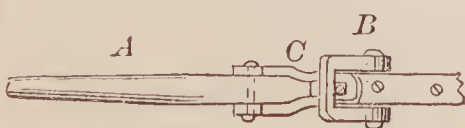
66084—J. J. Hessler—*Curtain Picture.*



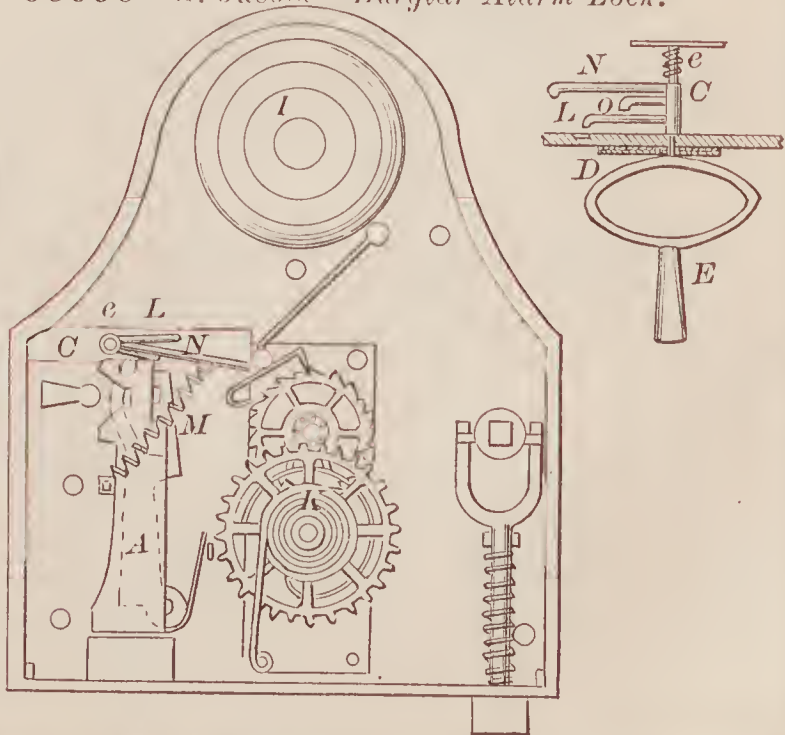
66086—J. Hosford—*Harness Pad.*

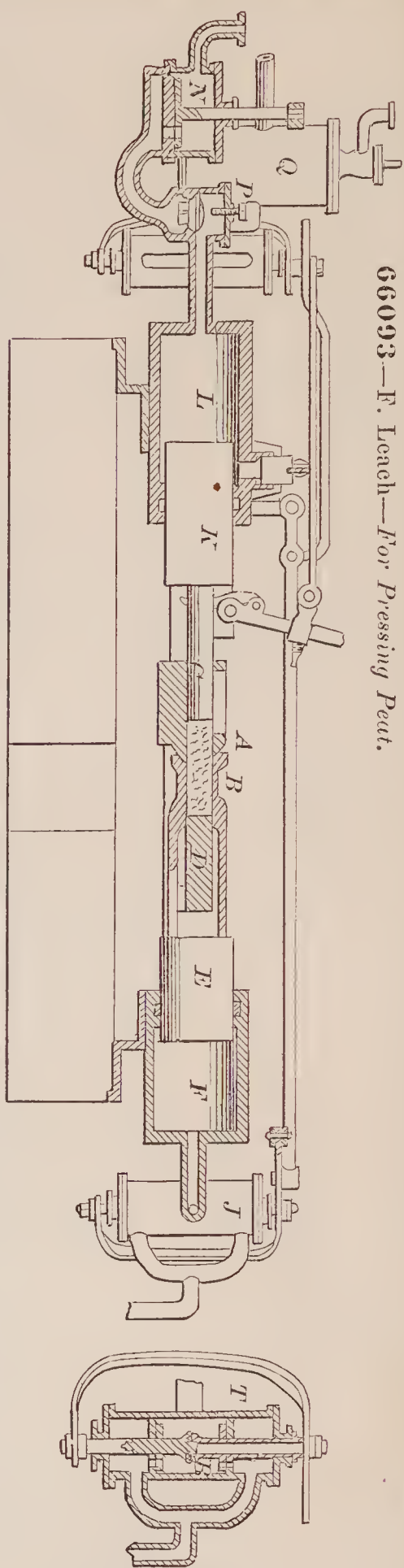
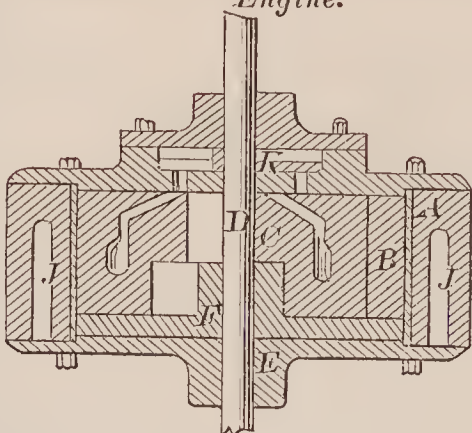
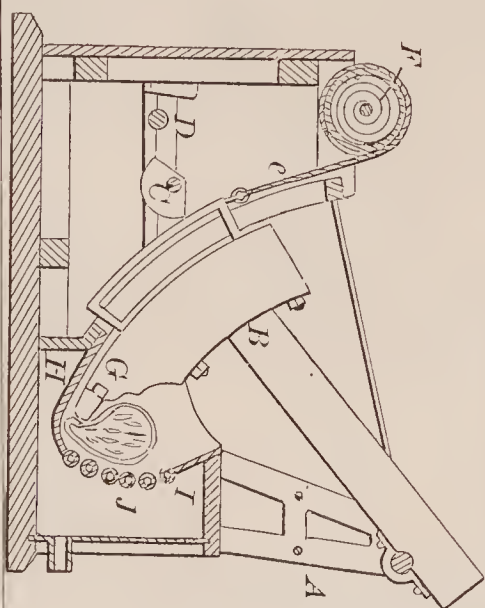
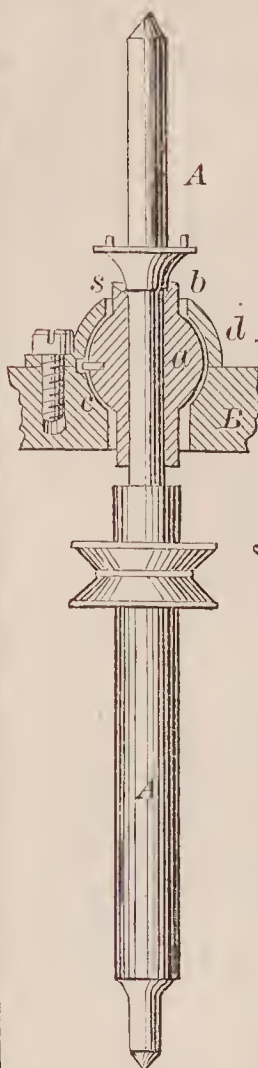
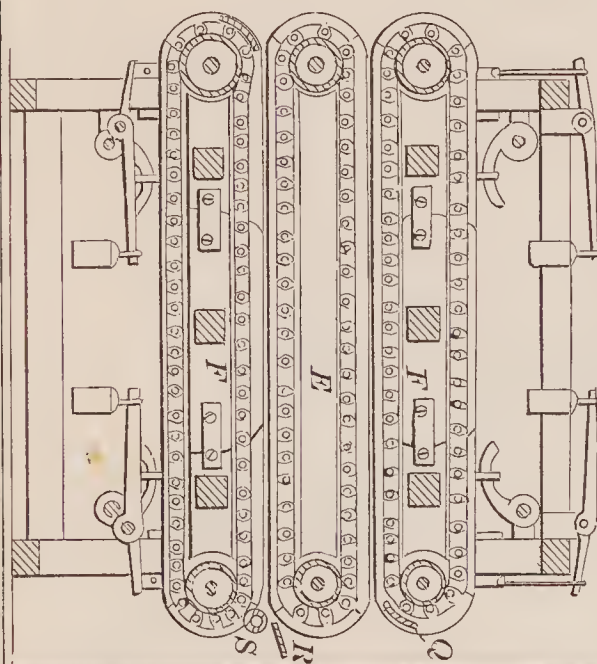
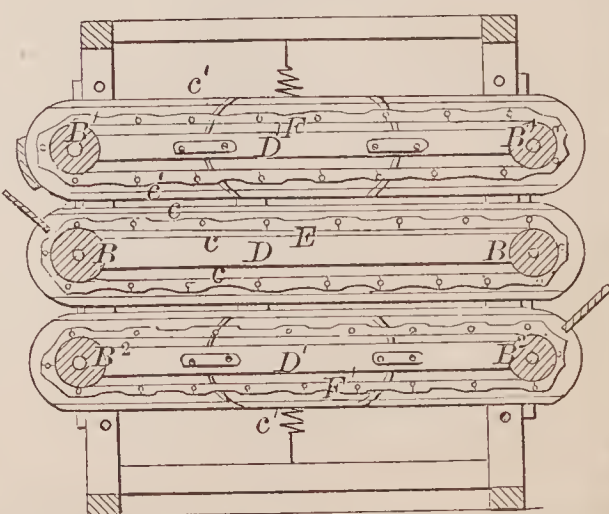
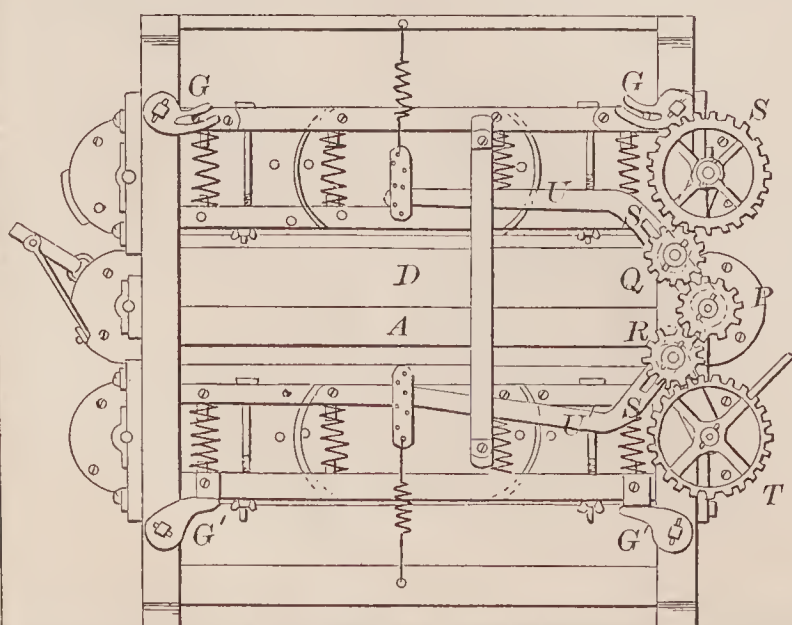


66087—P. C. Ingersoll—*Bale Band Tightener.*

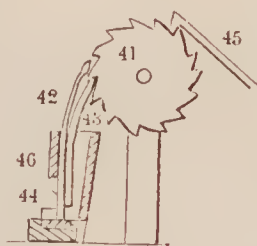
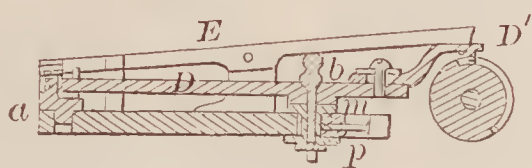
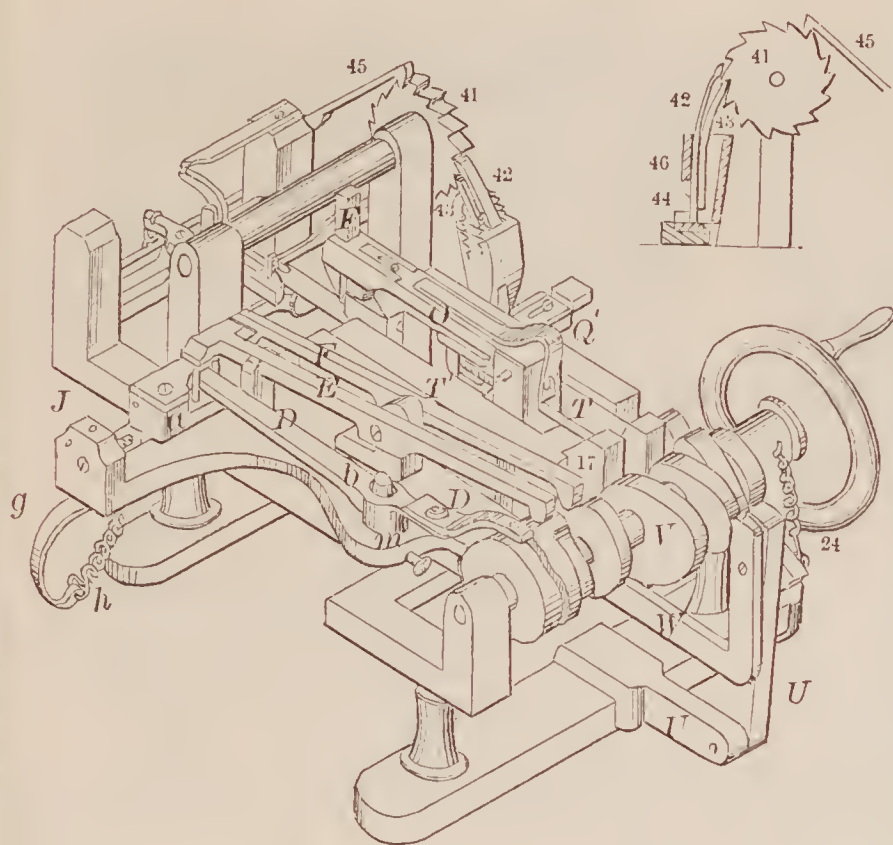


66090—G. Jacobs—*Burglar Alarm Lock.*

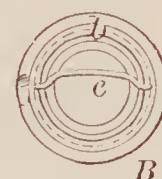
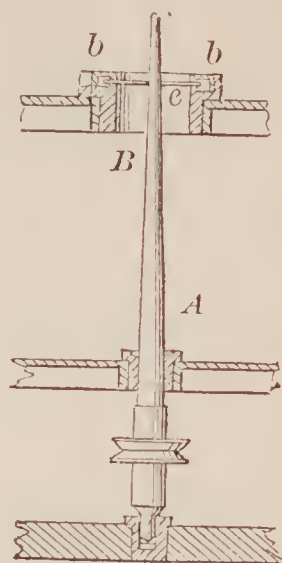


66093—F. Leach—*For Pressing Peat.*66092—C. Kaiser—*Rotary Steam Engine.*66095—W. B. Lodge—*Pulling Stock.*66091—B. H. Jenks—*Spindle Bearing.*66094—Lee & Paudler—*Curtain Fixture.*66096—Lodge & Platner—*For Sizing or Planing Hat Bodies.*66097—Lodge & Platner—*For Sizing Hat Bodies.*

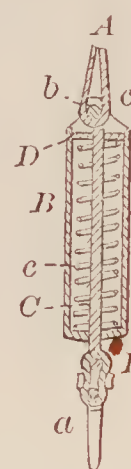
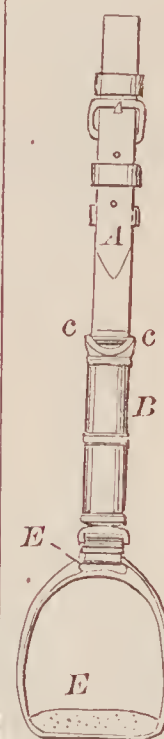
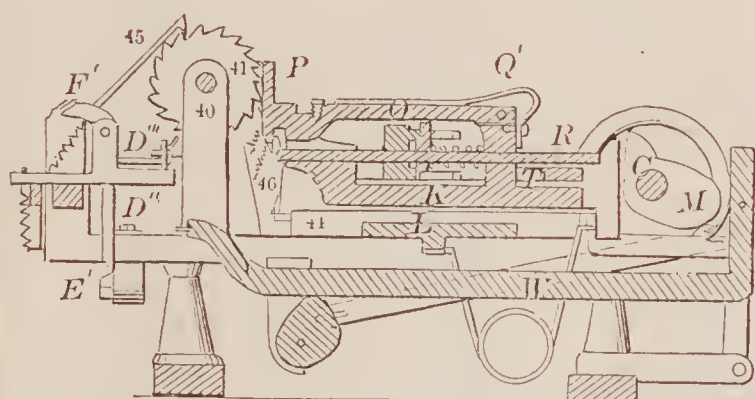
66098—D. McFarland—*For Setting Card Teeth.*



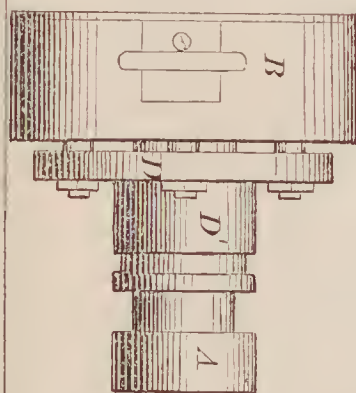
66100—J. McMurtry—*Spike.*



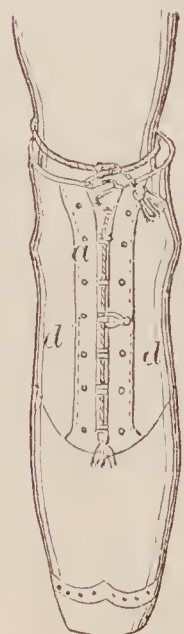
66104—H. T. Potter—*Ring Tracer for Spinning.*



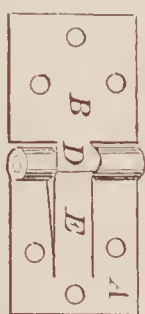
66106—N. L. Revere—*Stirrup.*



66107—Strayer & Hazelhurst—*Bolt Cutter.*

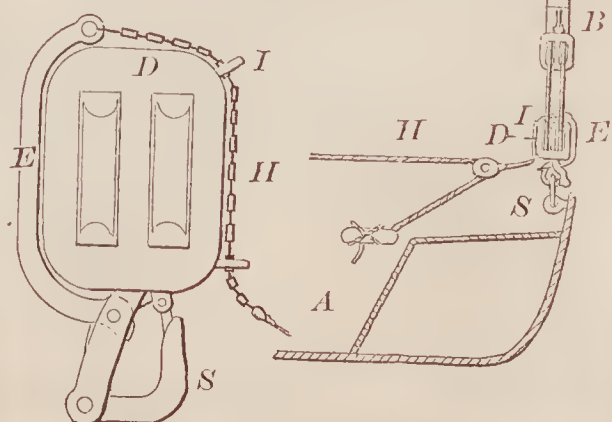


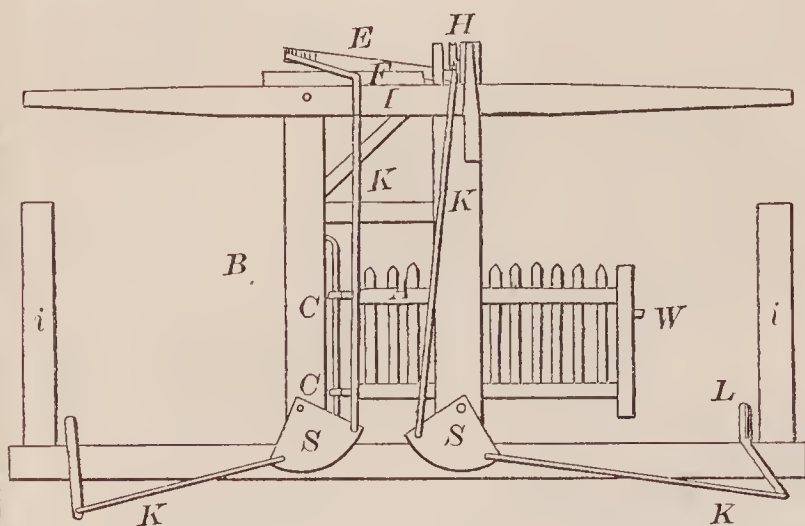
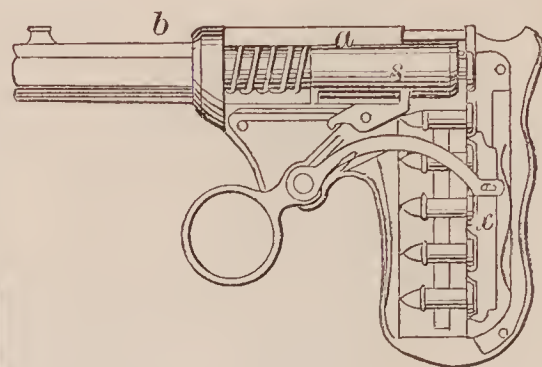
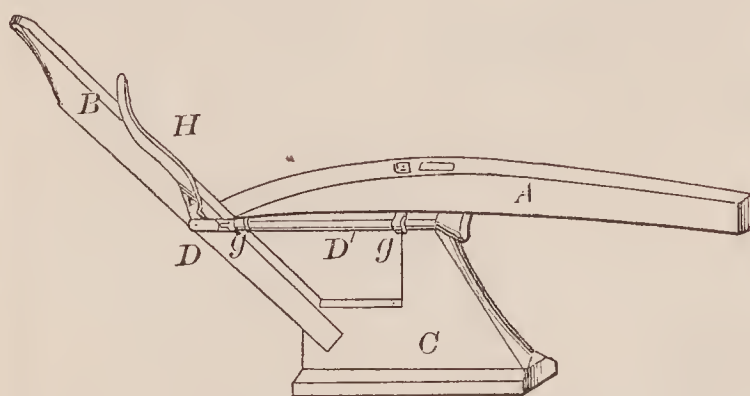
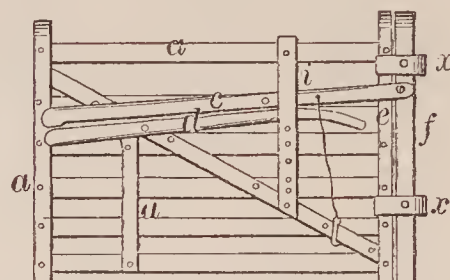
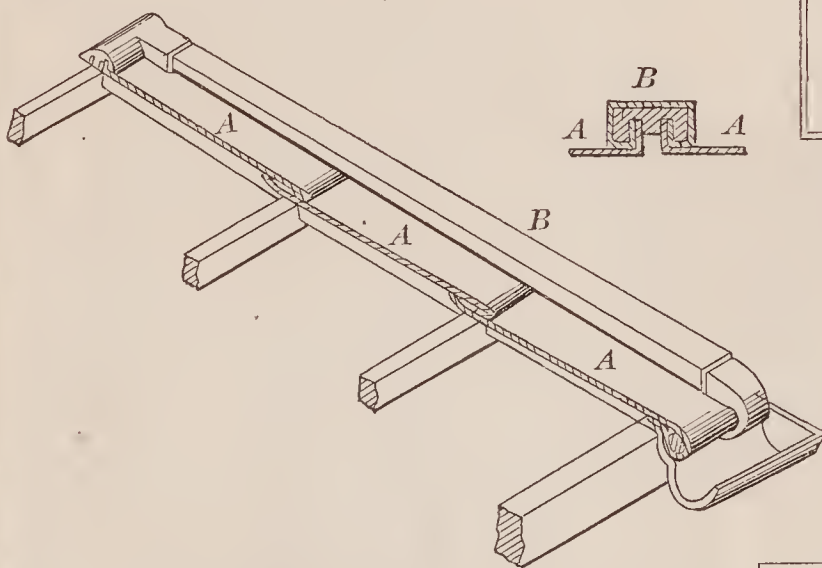
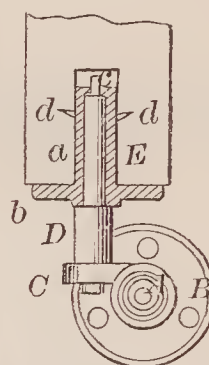
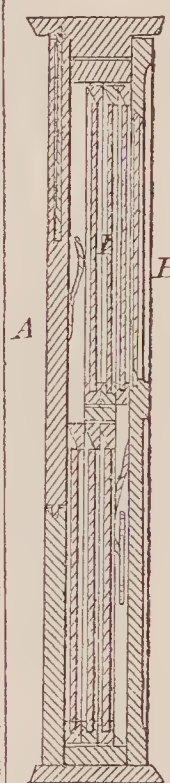
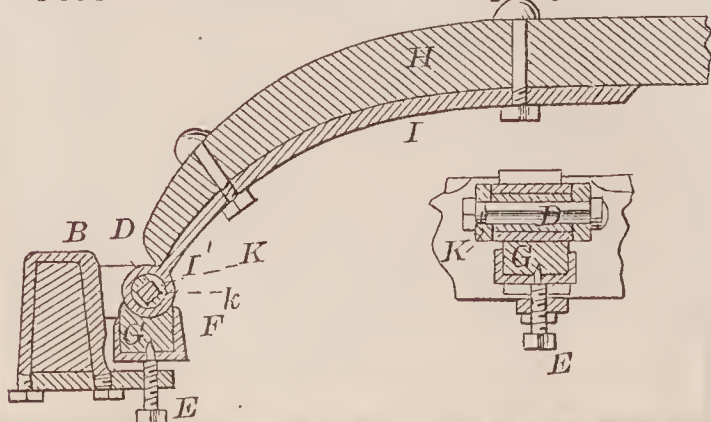
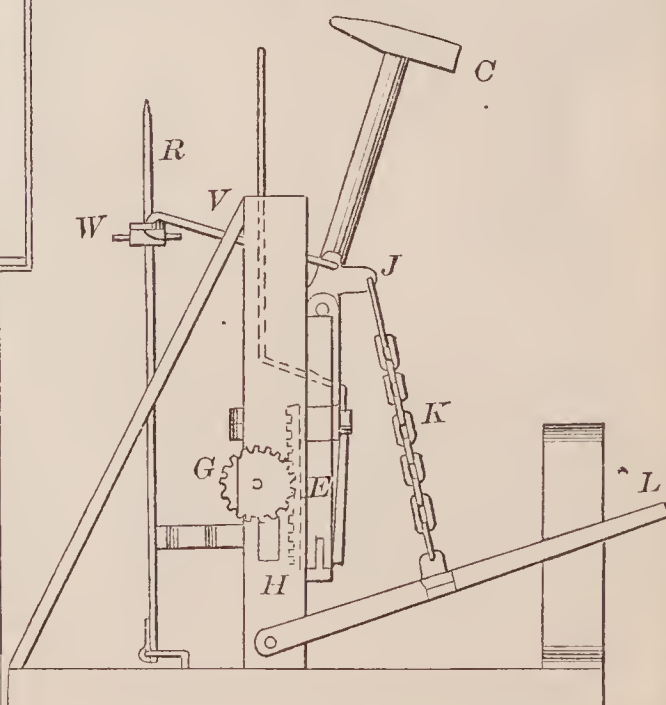
66099—McKenney & Carpenter—*Boot Lacing Device.*



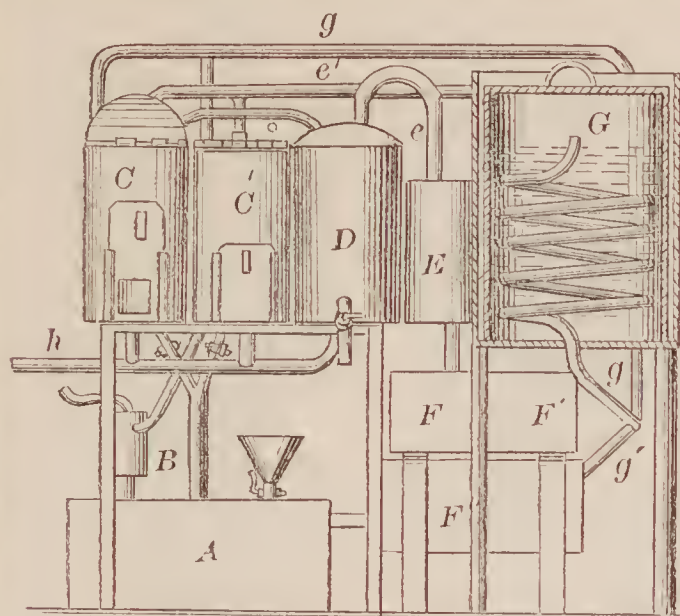
66103—A. M. Olds—*Spring Hinge.*

66105—C. H. Ramsten—*Boat Detaching Tackle.*

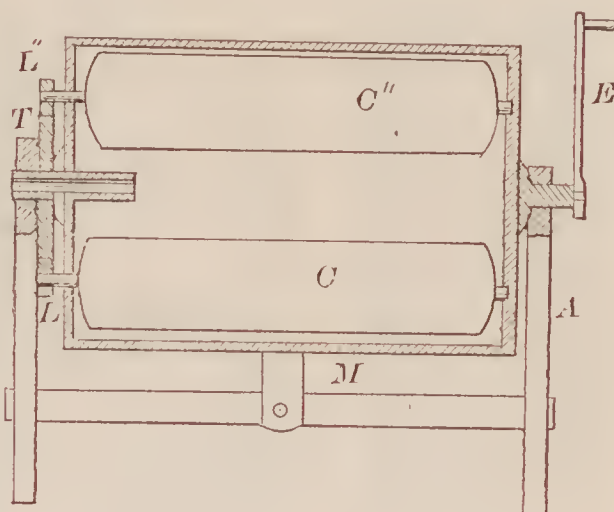


66108—Tattershall & Burchard—*Gate*.66110—H. F. Wheeler—*Fire Arm*.66109—J. Wallace—*Plow*.66113—D. D. Baker—*Gate*.66117—E. Becker—*Roofing*.66116—J. T. Barnes—*Caster*.66115—A. Barber—*Picture Holder*.66111—White & Bedford—*Driving Belt*.66112—F. W. & E. T. Albertine—*Guide for Carding Machines*.66114—F. Ballard—*Thill Coupling*.66118—G. Bell—*Blacksmith's Striker*.

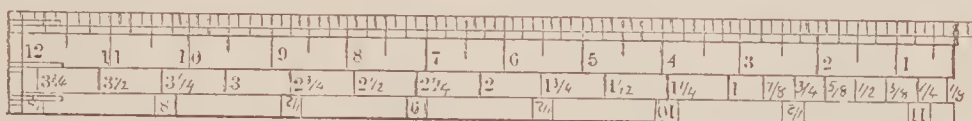
66119—J. Besso—*Extracting Grease and Oil.*



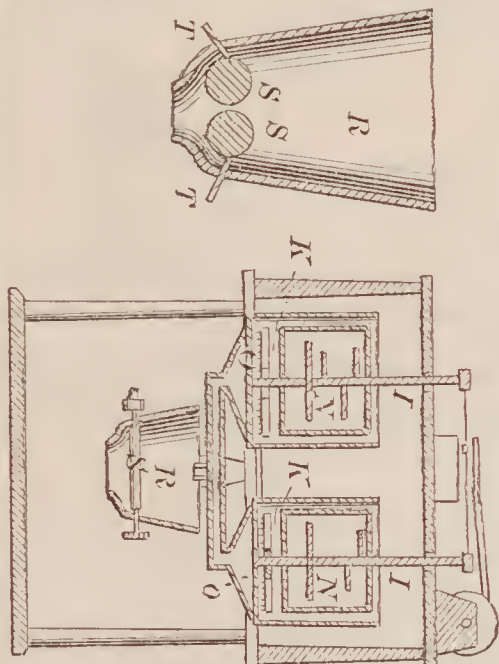
66122—F. Blecka—*Churn.*



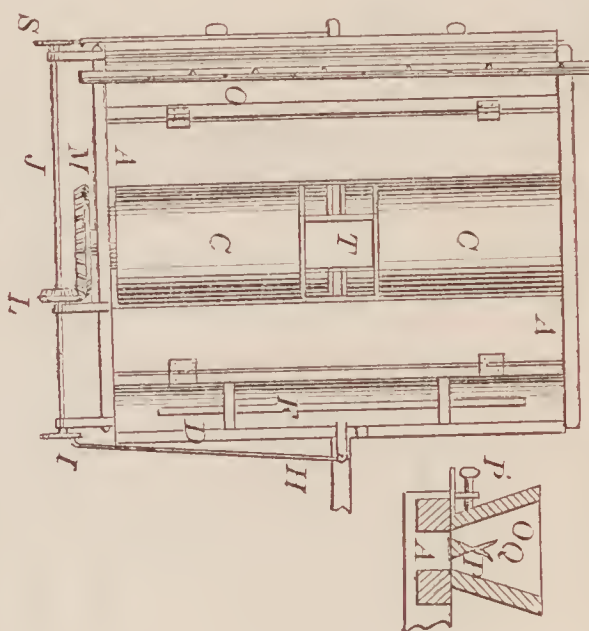
66120—T. Bigelow—*Tinner's Rule.*



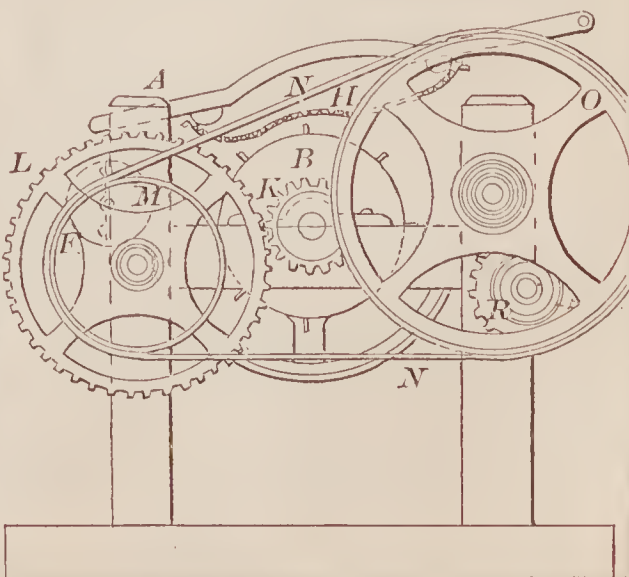
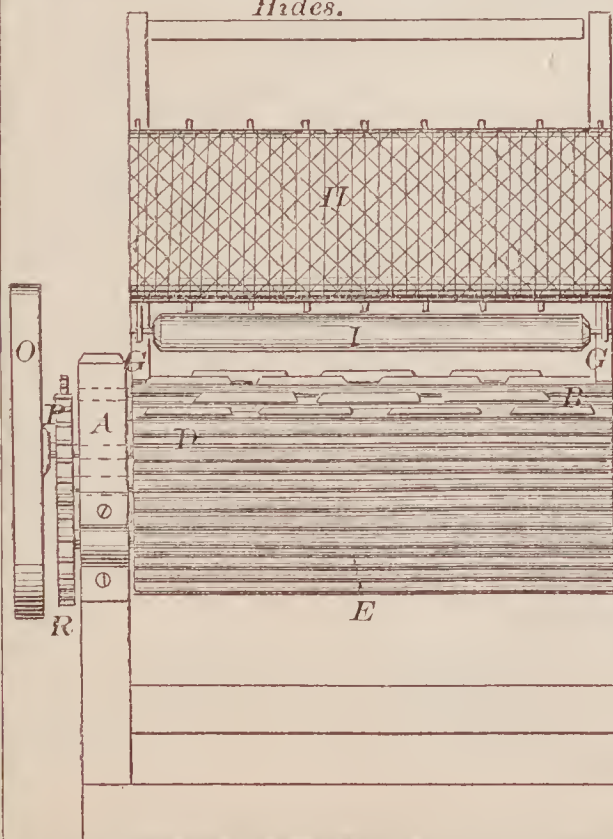
66121—C. H. Blanchard—*For Making Starch, Paste, Size, &c.*

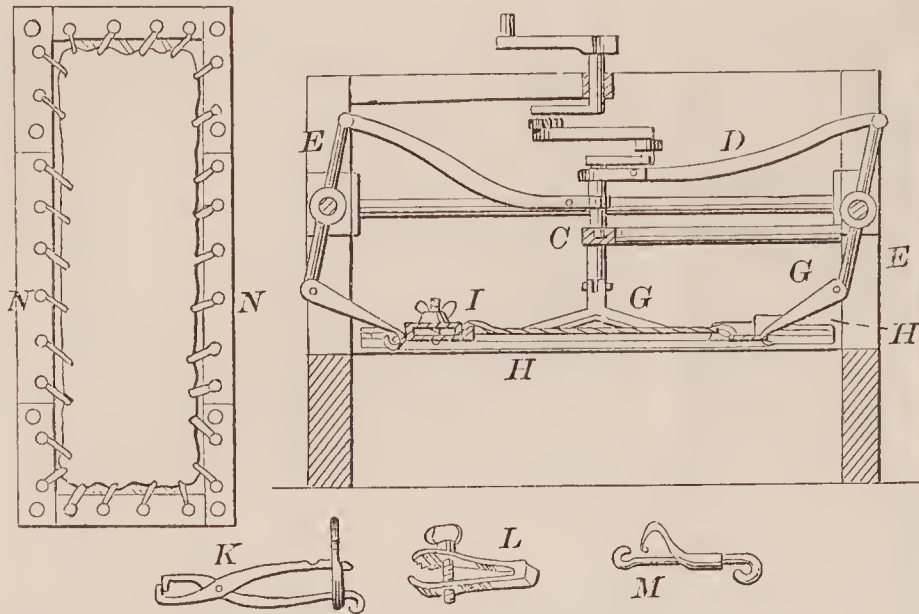
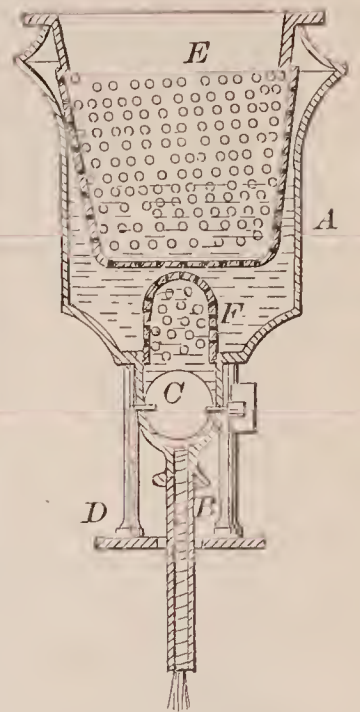
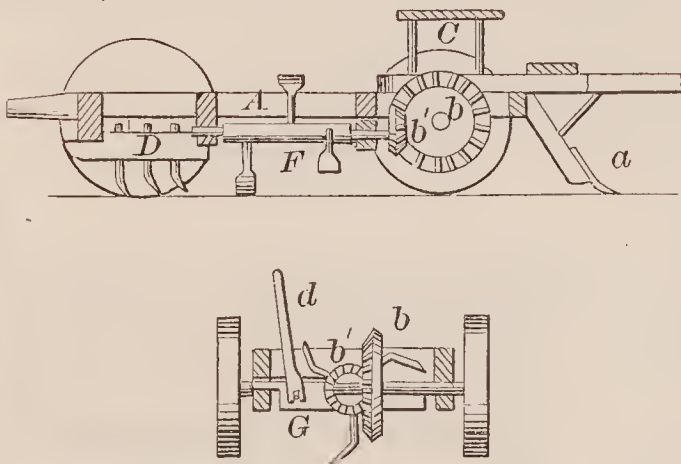
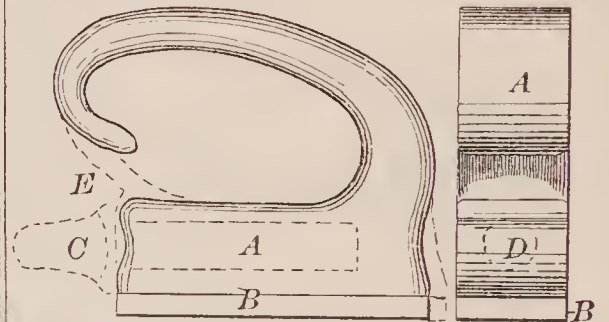
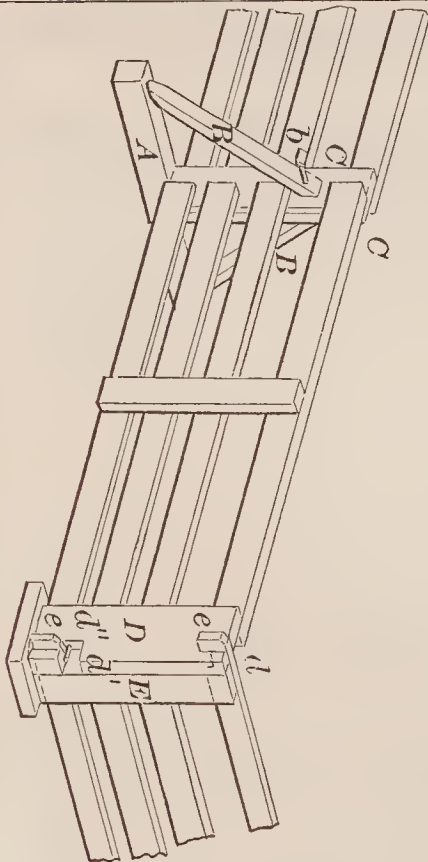
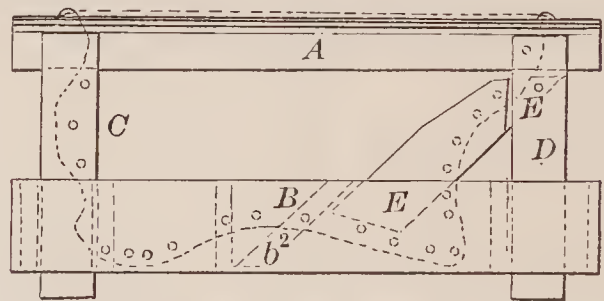
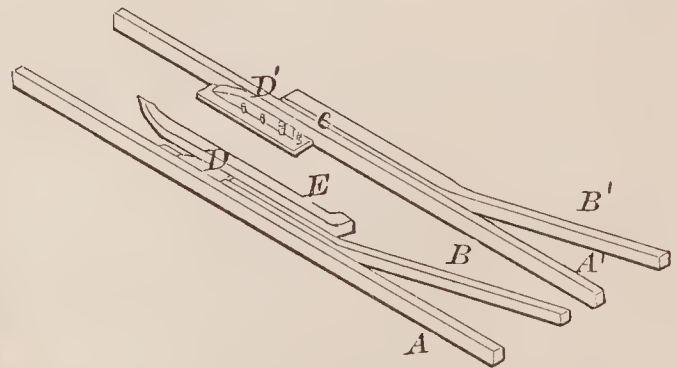
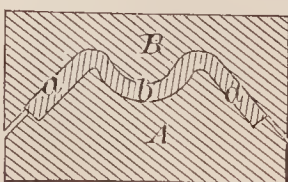
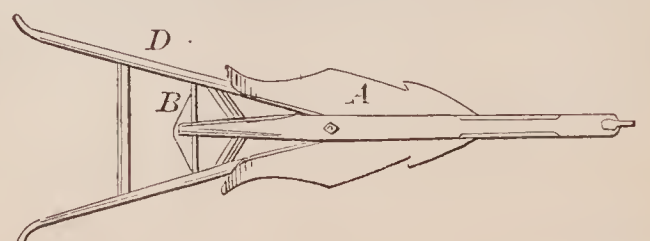
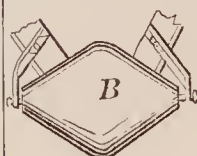


66123—H. Bourn—*Seeder and Fertilizer.*

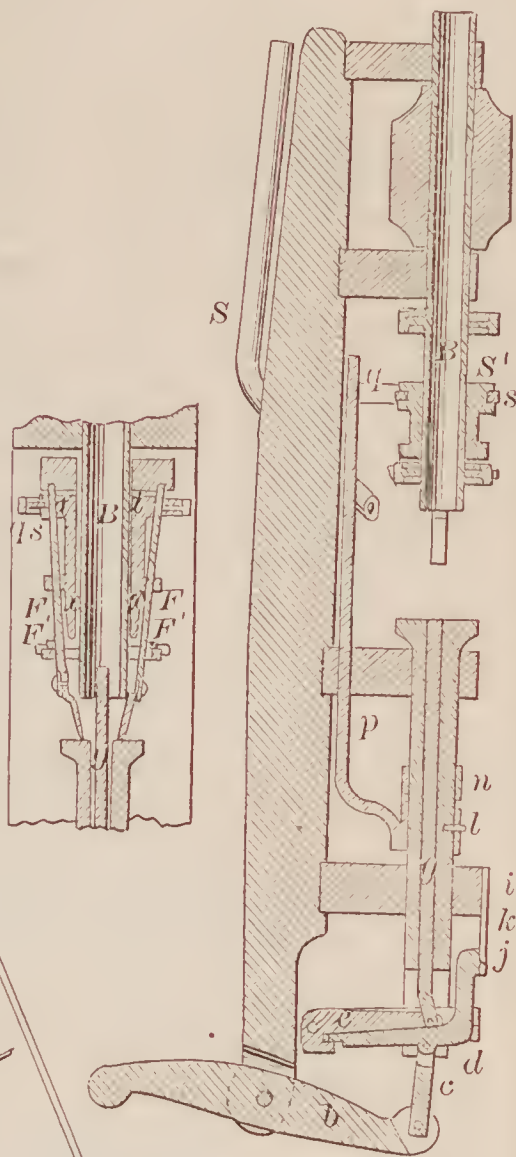


66124—E. Brock—*For Unhairing Hides.*

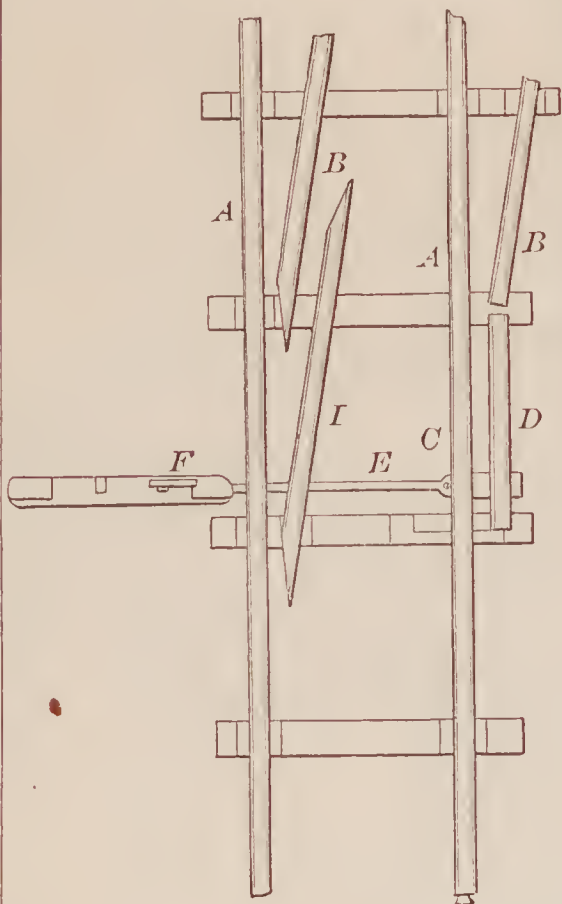


66125—F. J. Burcham—*For Dressing Leather.*66127—F. Catlin—*Funnel.*66128—Chambers & Washam—*Cotton Cultivator.*66126—W. J. Burge—*Knife Cleaner.*66129—P. Chandler—*Portable Fence.*66131—I. W. Dawson—*For Stretching Wet Leather.*66132—J. Denhard—*For Transferring Cars.*66130—J. B. Clark—*Blank for Carriage Thill Shackles.*66133—R. W. Downman—*Drain Plow.*

66141—L. W. Felt—*For Cutting Cork.*



66136—B. F. Farrar—*Railroad Switch.*

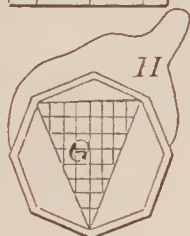


66134—J. Earnshaw—*Kaleidoscope.*

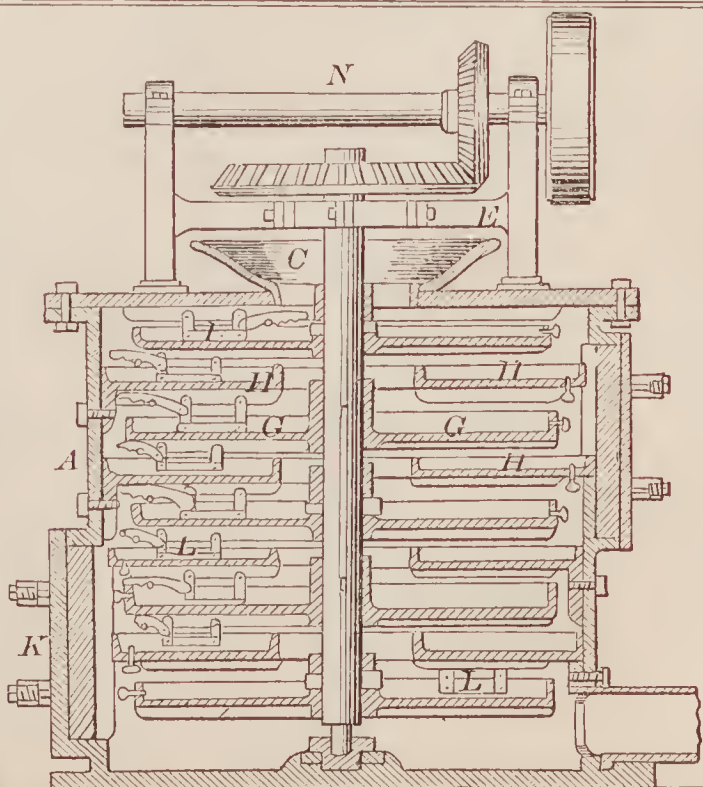
Fig. 2



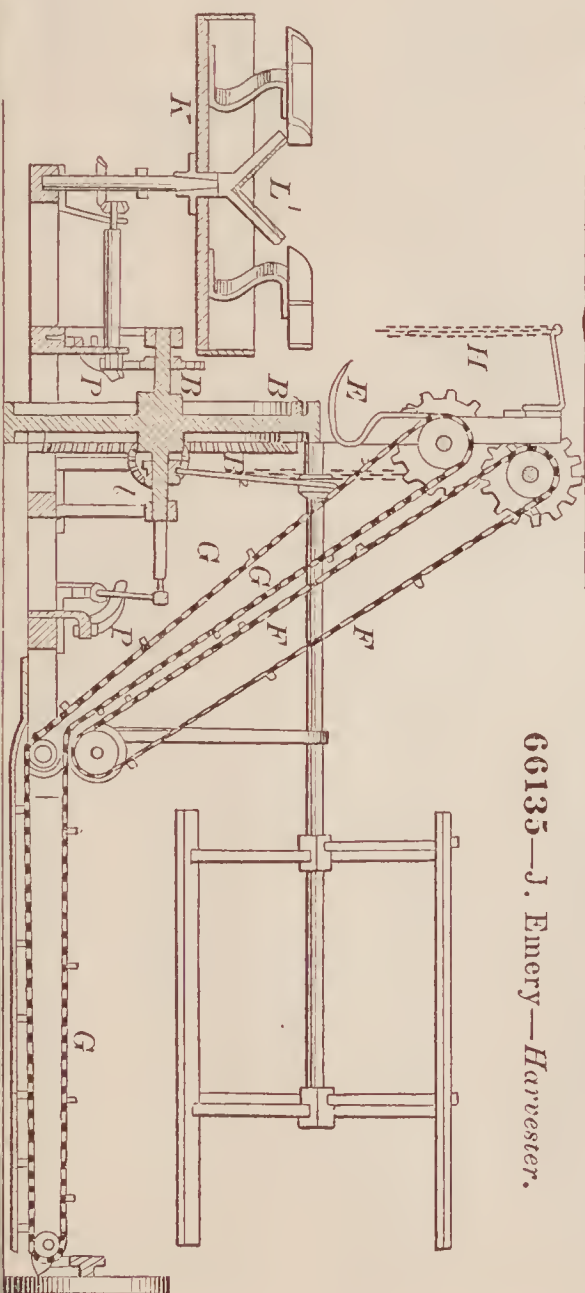
Fig. 1

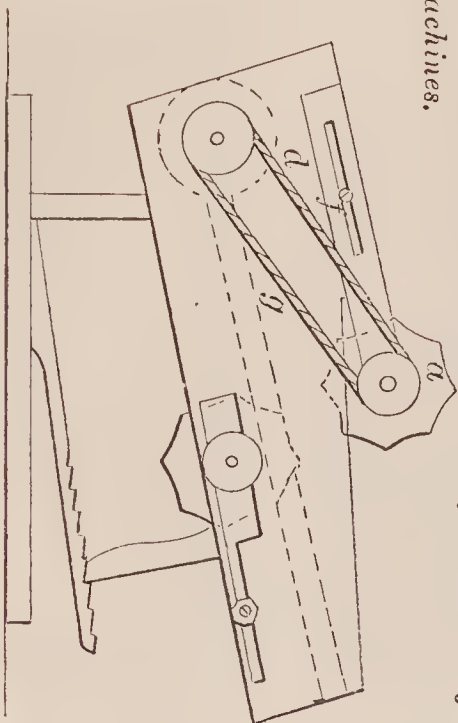


66142—J. B. Forissier—*Amalgamator.*

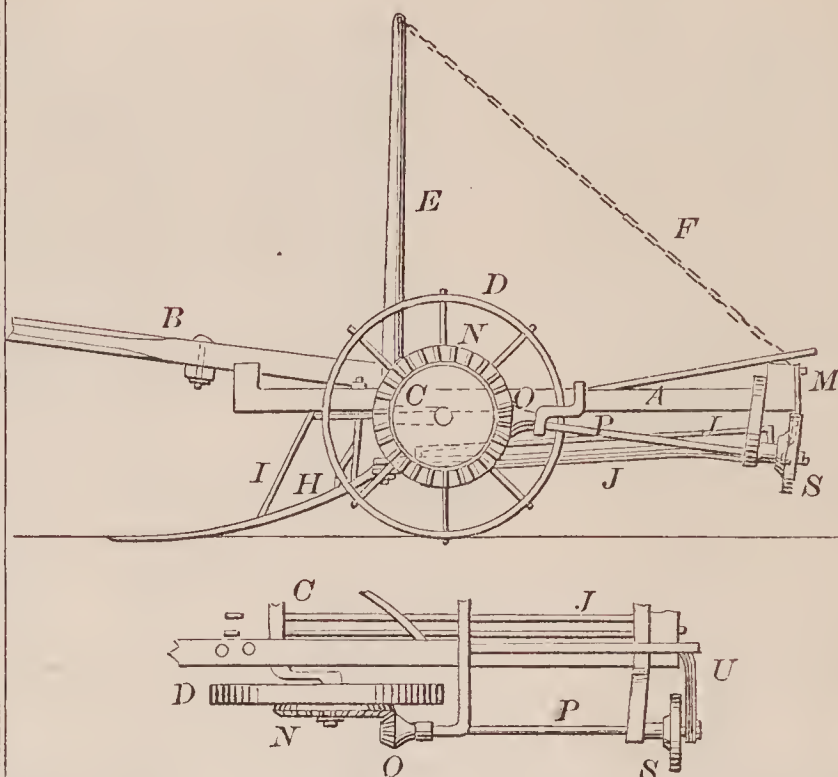


66135—J. Emery—*Harvester.*

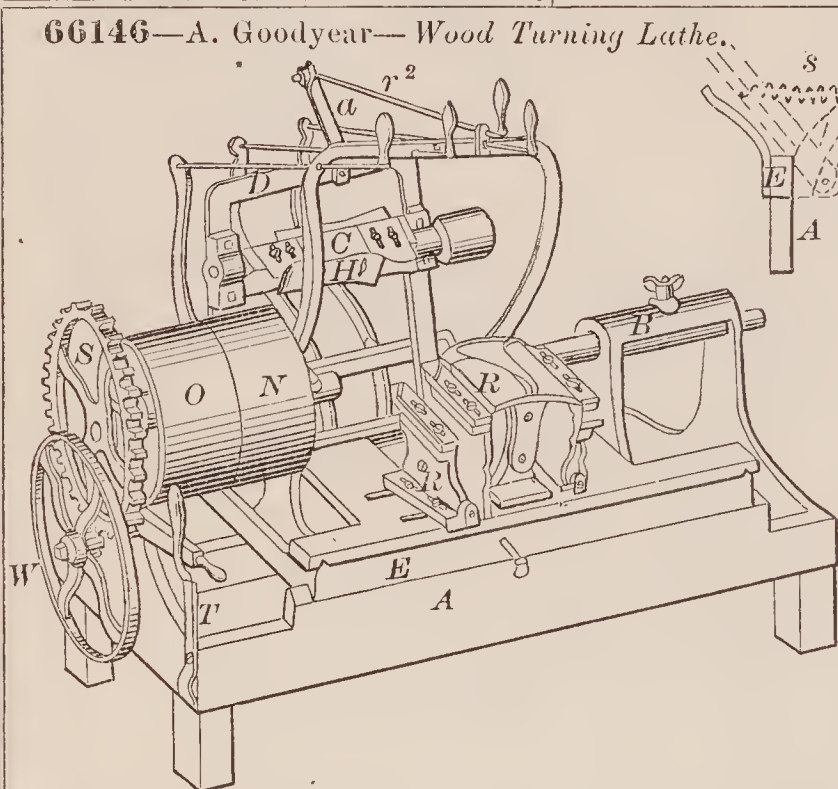




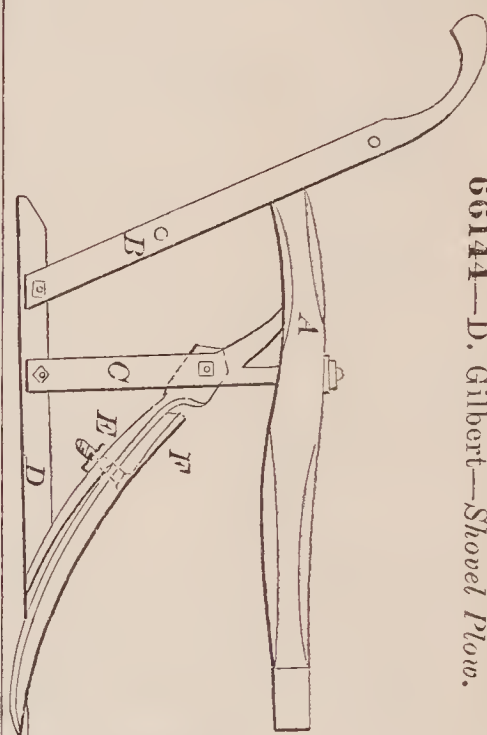
66143—W. P. French—Band Cutter for Threshing Machines.



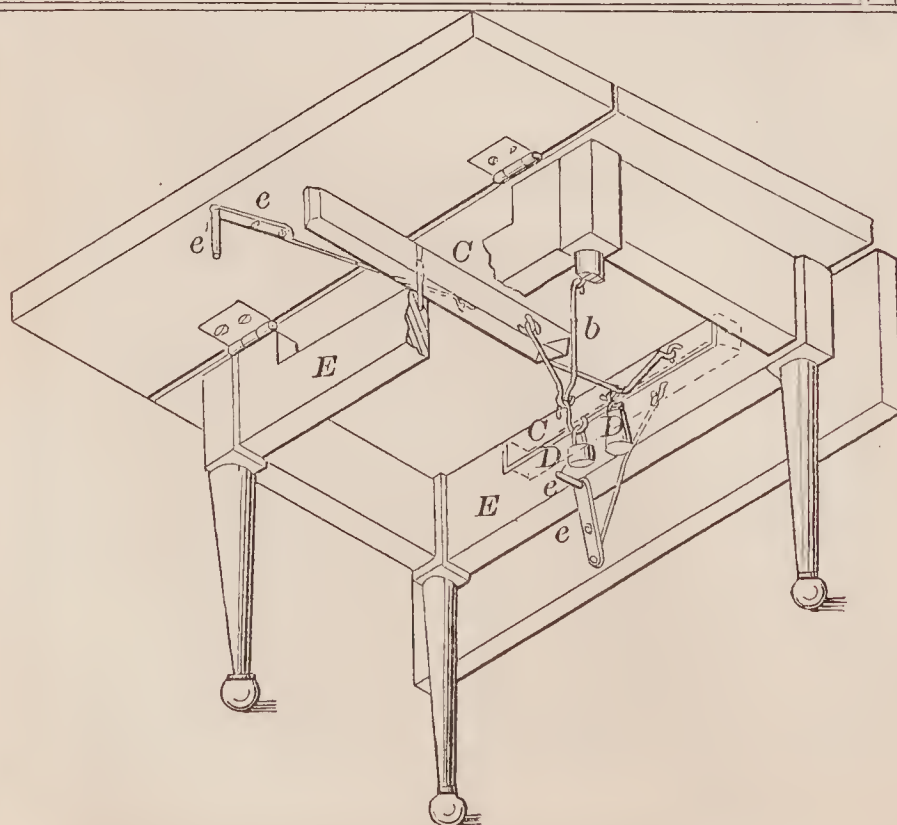
66145—Giles & McRobert—Potato Digger.



66146—A. Goodyear—Wood Turning Lathe.



66144—D. Gilbert—Shovel Plow.

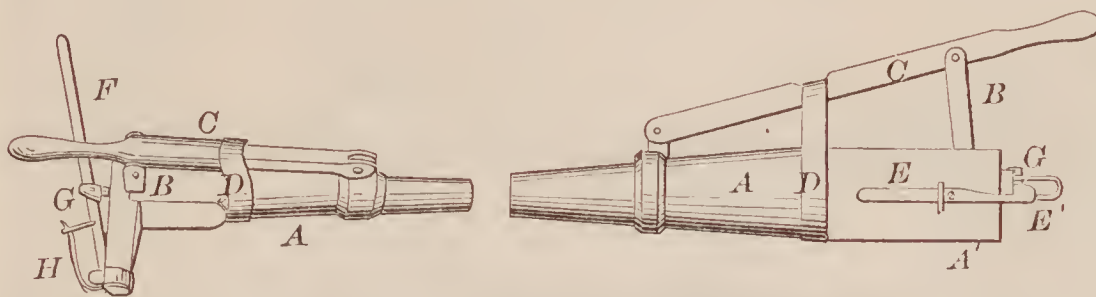


66148—H. C. Hardy—Table.

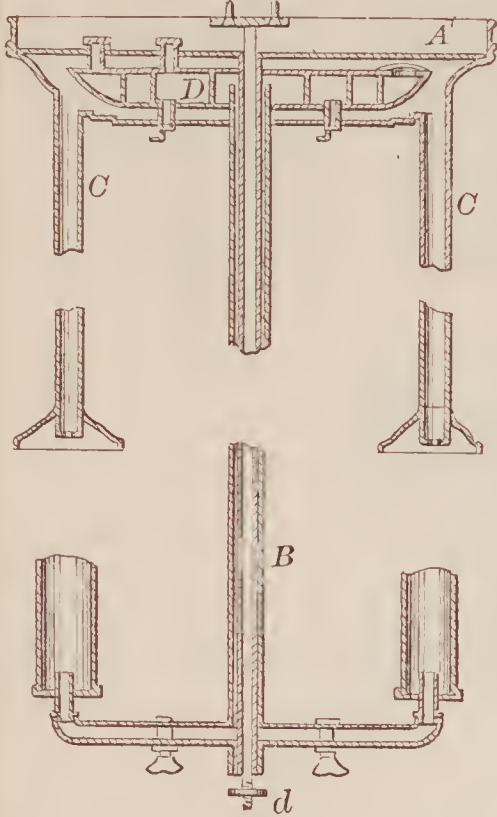


66147—C. H. Gould—Billiard Cue.

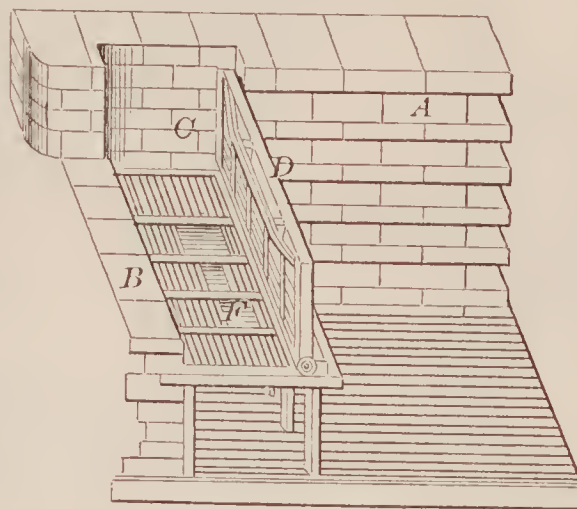
66149—Harris & Robinson—*For Drawing and Weighing Liquids.*



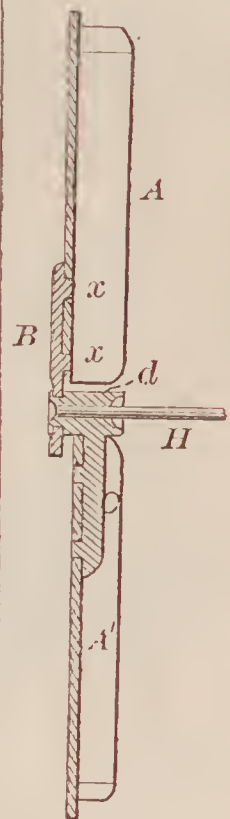
66153—J. H. Irwin—*For Carburetting Air.*



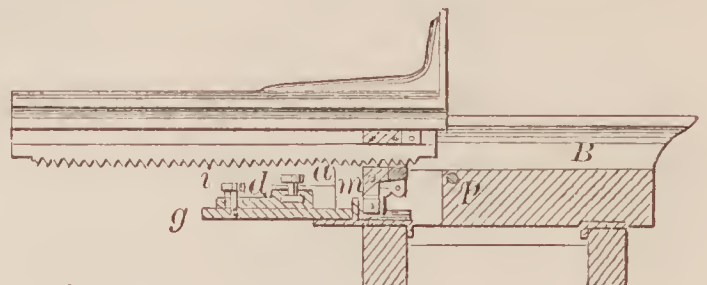
66151—G. Heath—*Canal Lock.*



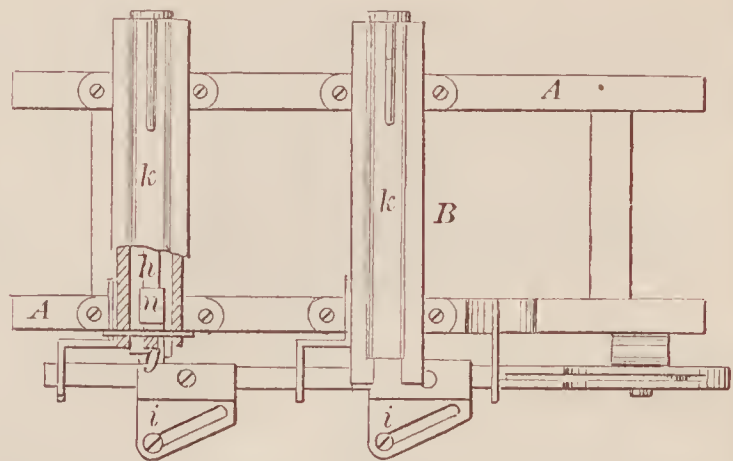
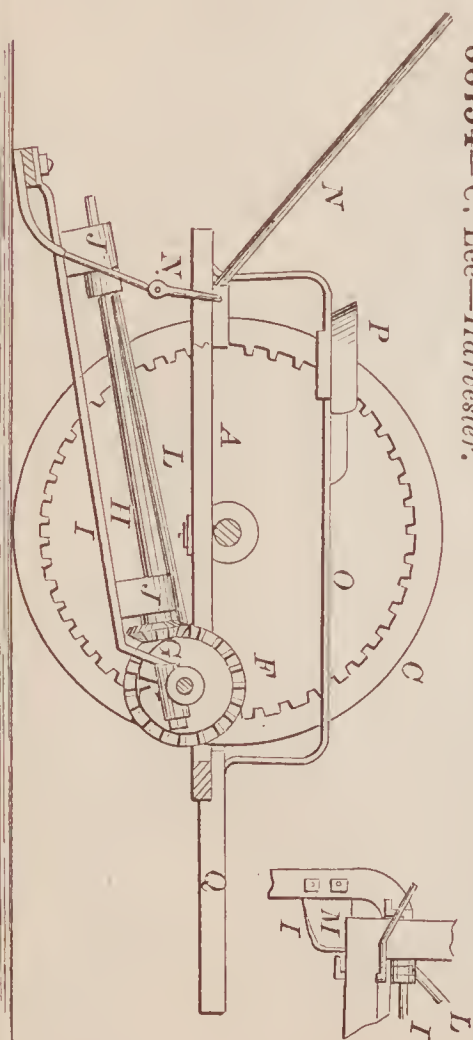
66150—G. Havel—*Bag Hinge.*



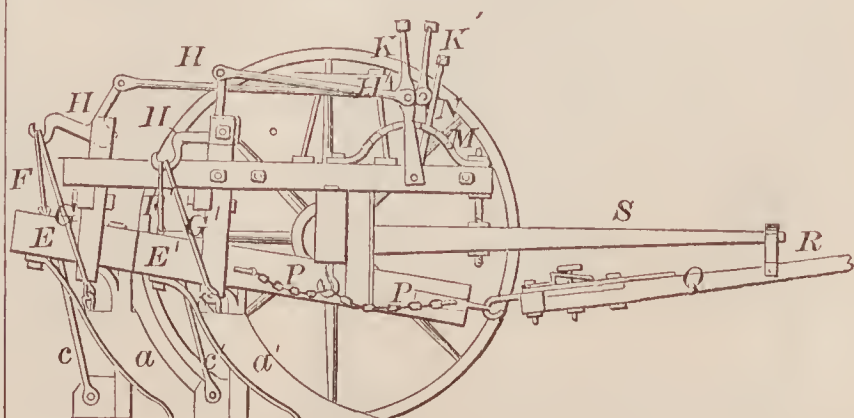
66152—J. Hubbell—*Head Block for Saw Mills.*

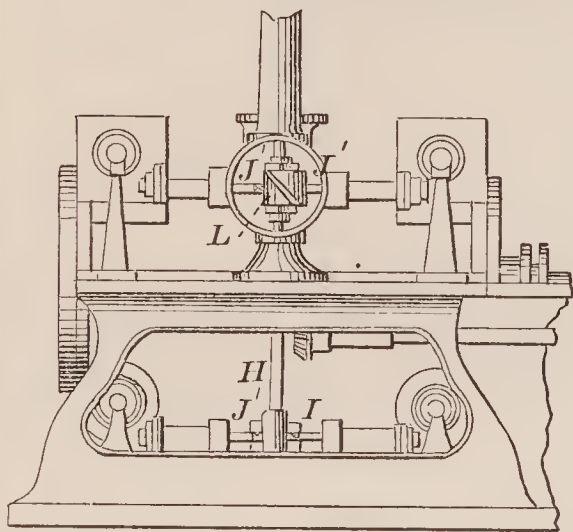
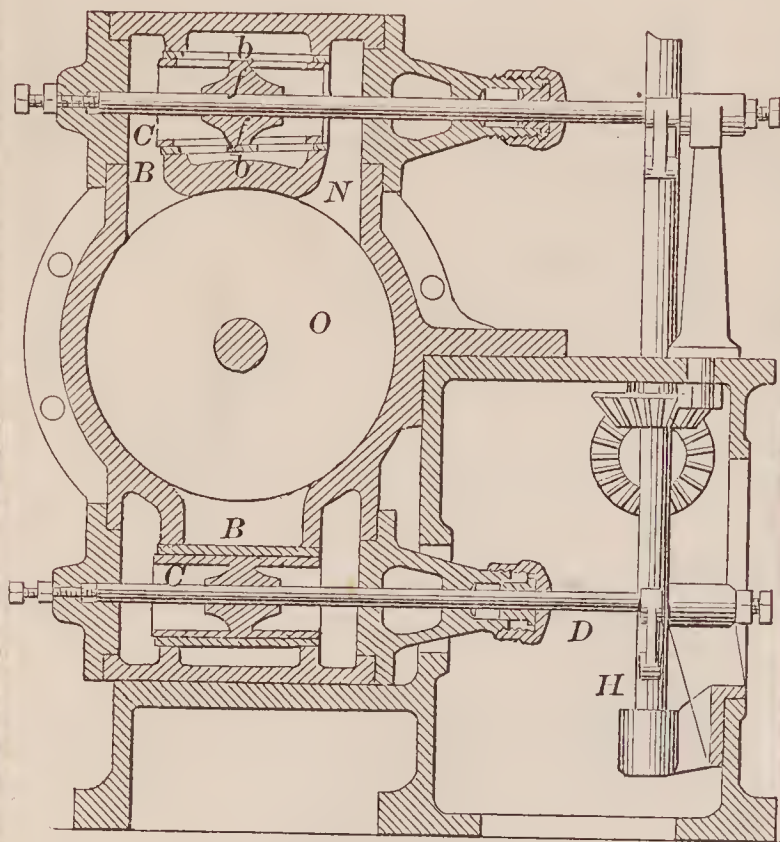
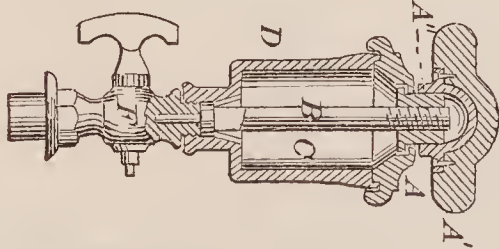
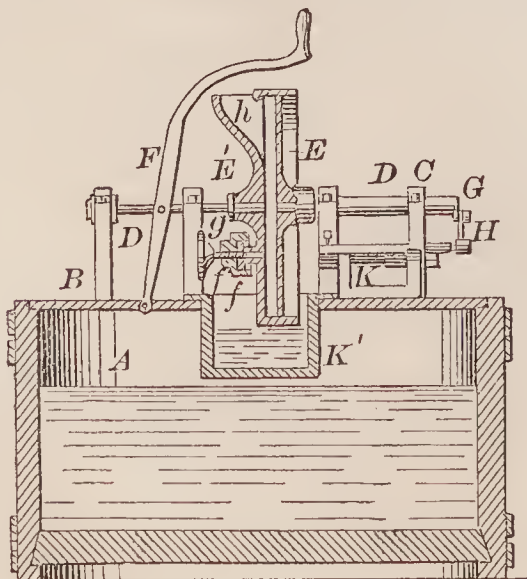
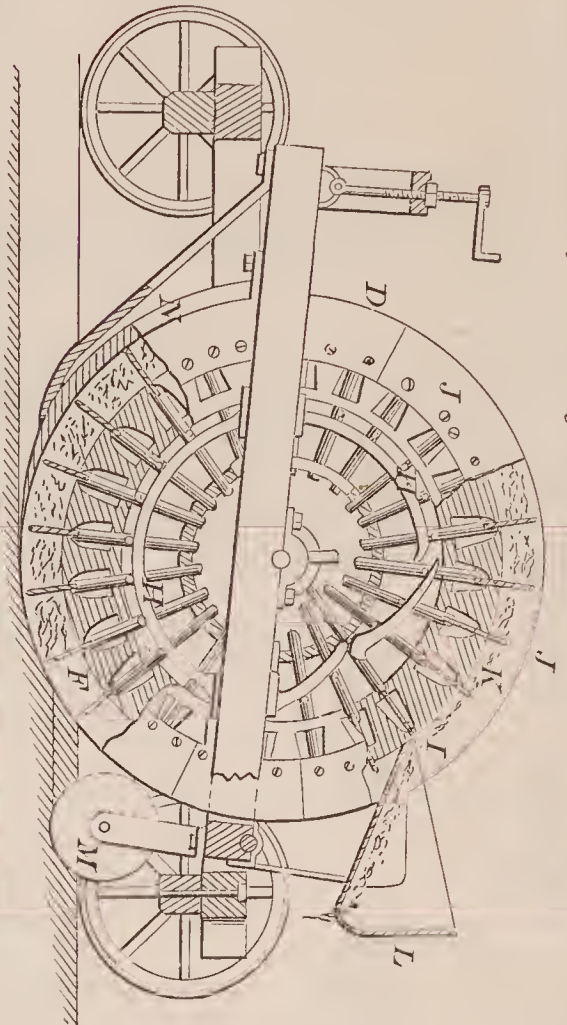
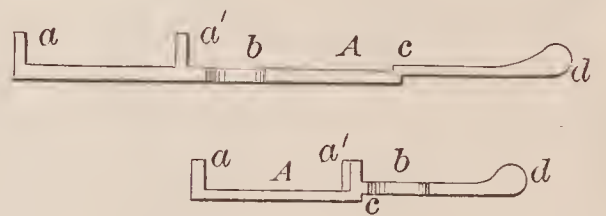
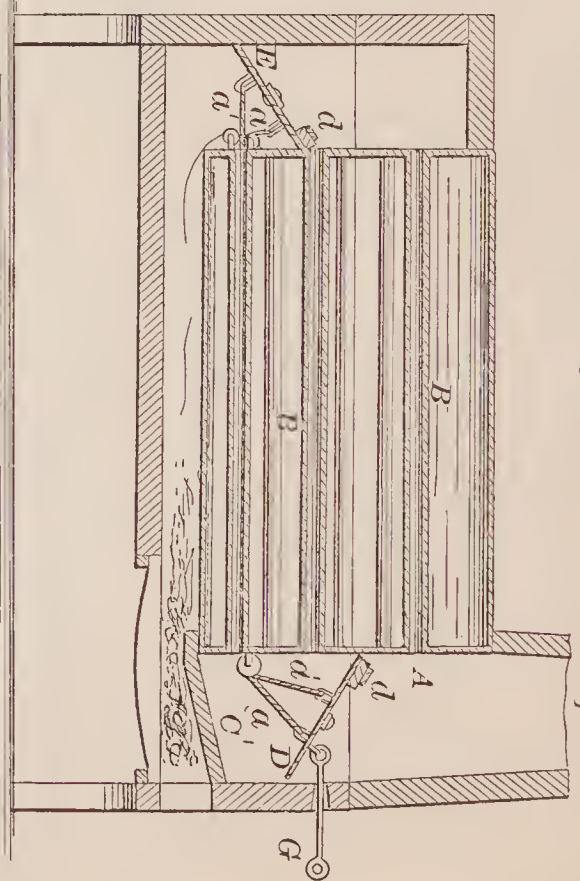


66154—C. Lee—*Harvester.*

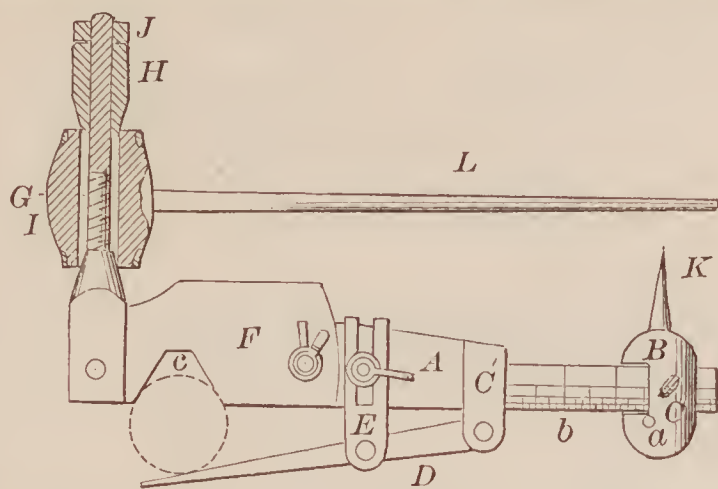


66155—J. T. Legg—*Gang Plow.*

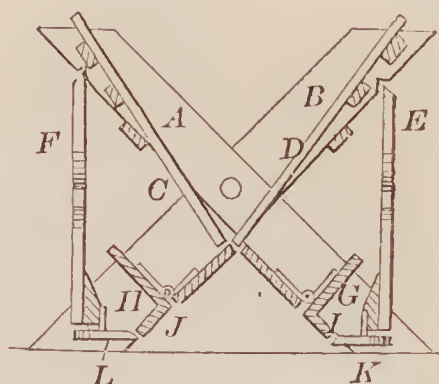


66156—K. H. Loomis—*Steam Engine Tube.*66157—F. Lunkenheimer—*Oil Cup.*66162—M. McEnery—*Washing Machine.*66159—C. Matheny—*Ditching Machine.*66160—W. W. Maughlin—*Sash Fastener.*66161—H. McDonough—*Steam Boiler Damper.*

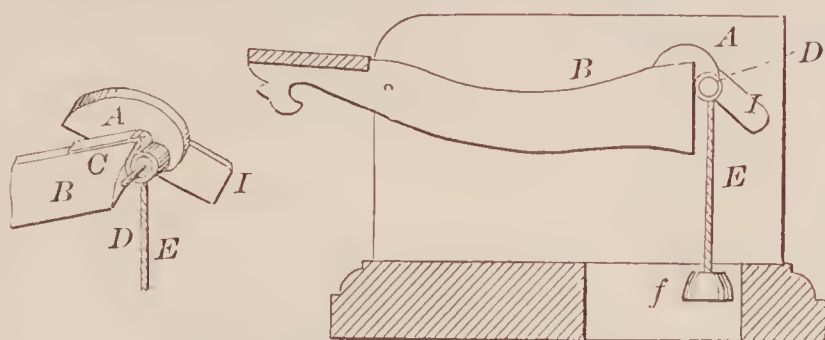
66163—Mills & McIrvin—*Wheelwright Machine.*



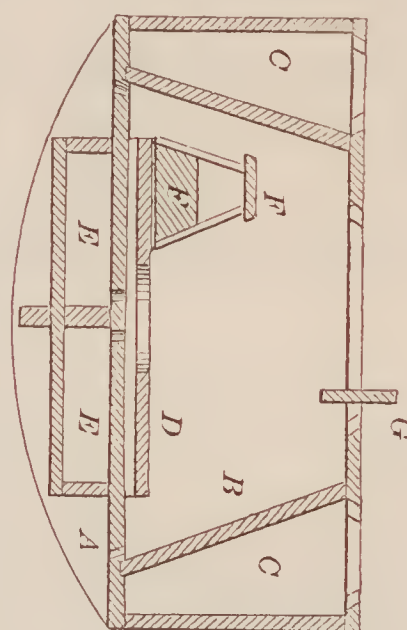
66164—J. D. Munson—*Sheep Rack.*



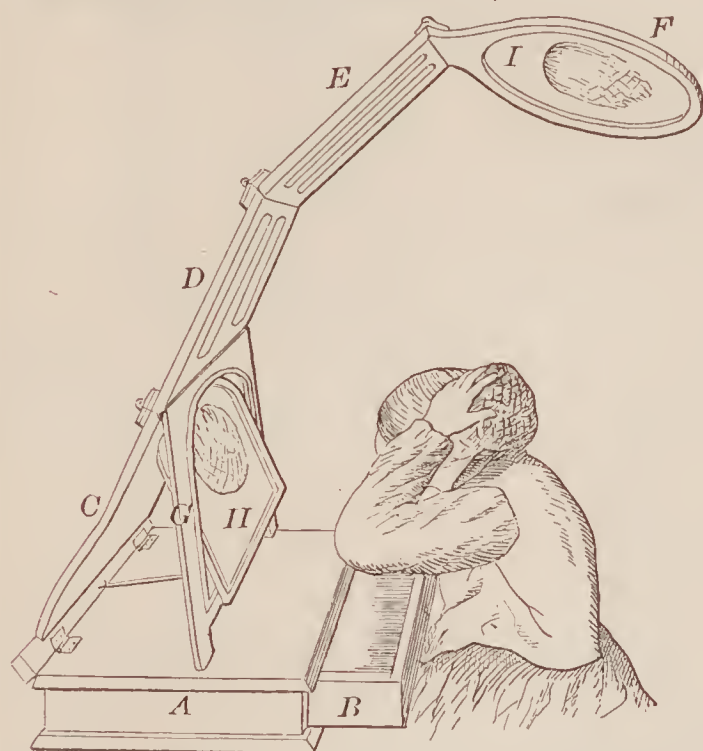
66165—Neal & Startzman—*Weighing Apparatus.*



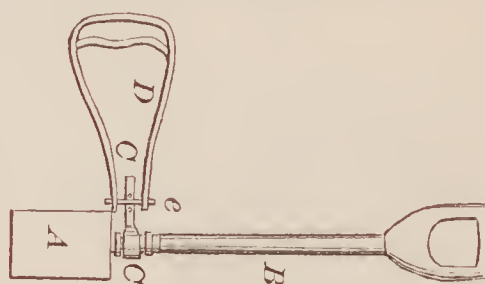
66167—J. M. Noble—*Washing Machine.*



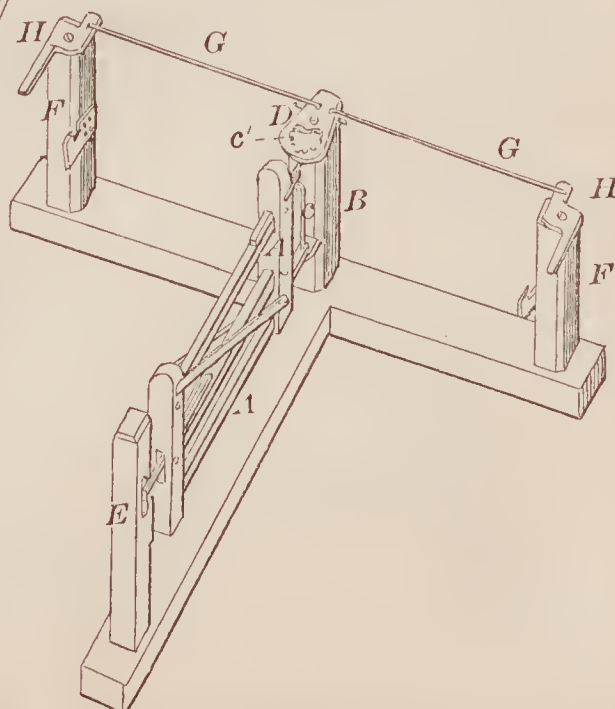
66168—A. Ober—*Toilet Glass.*



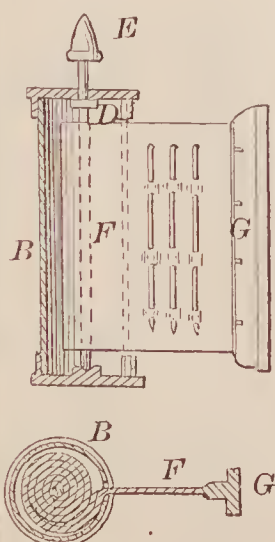
66169—Parsons & Wooster—*Spading Fork and Shovel.*



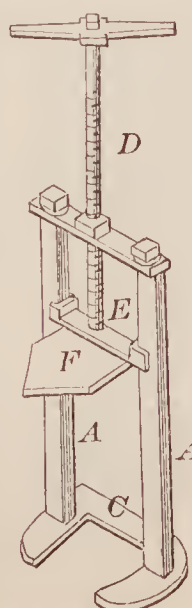
66171—Powell & Everett—*Gate.*

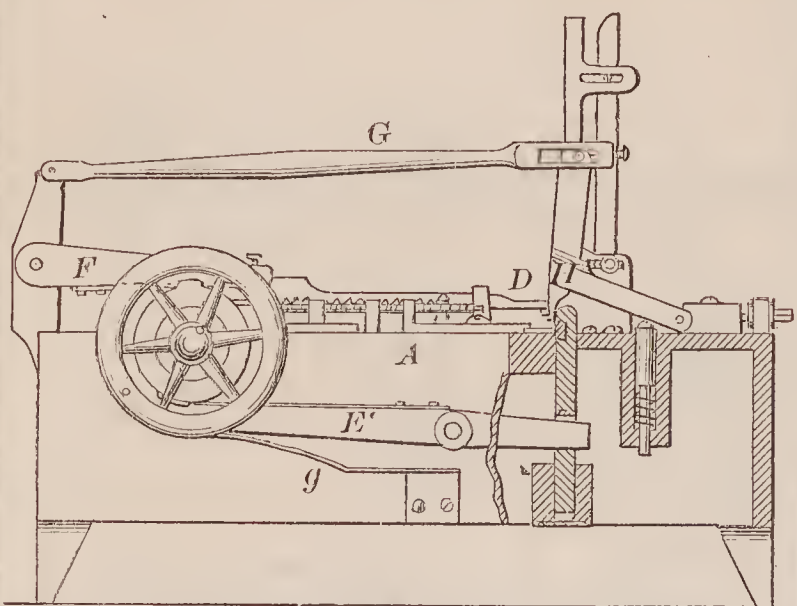
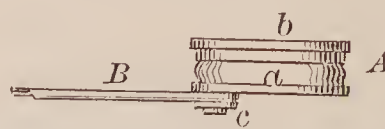
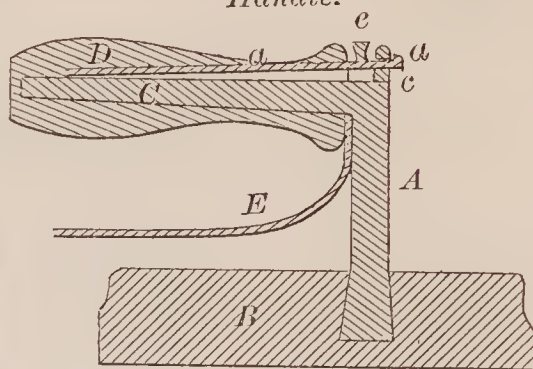
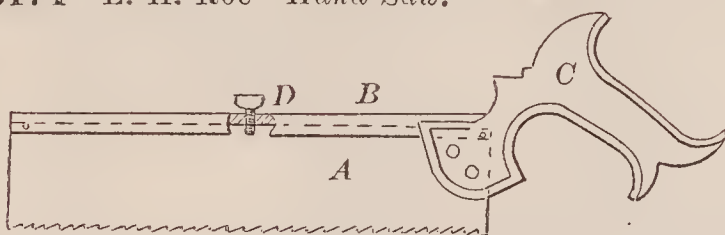
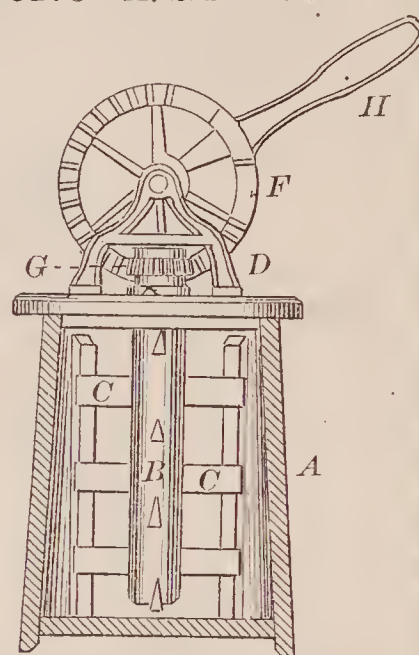
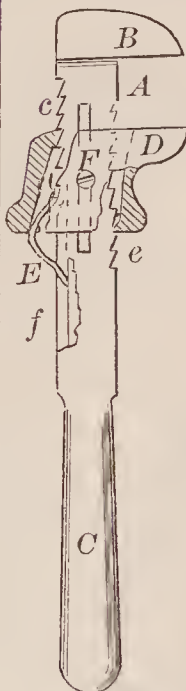
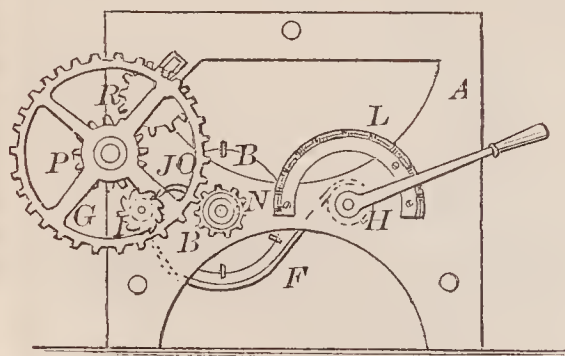
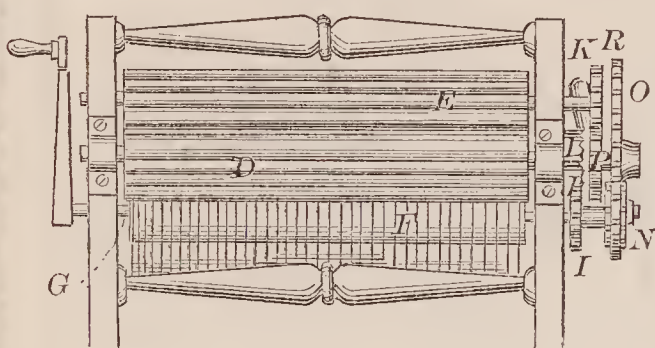
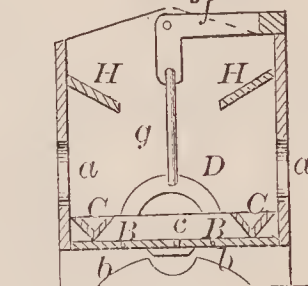
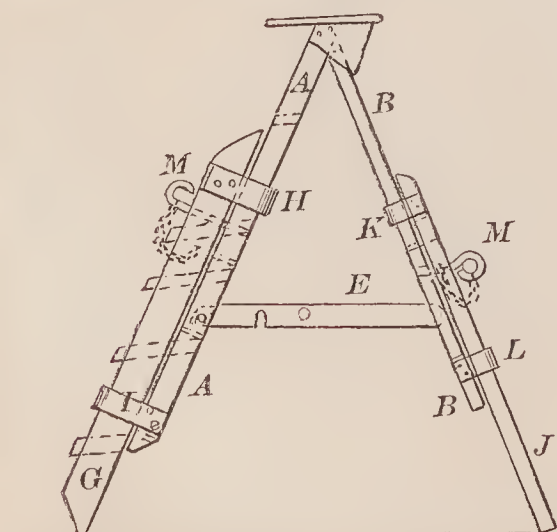
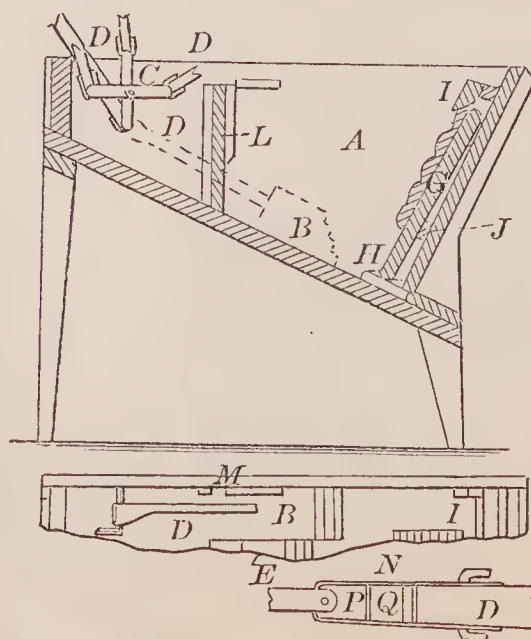


66166—J. F. Newhall—*Needle Case.*

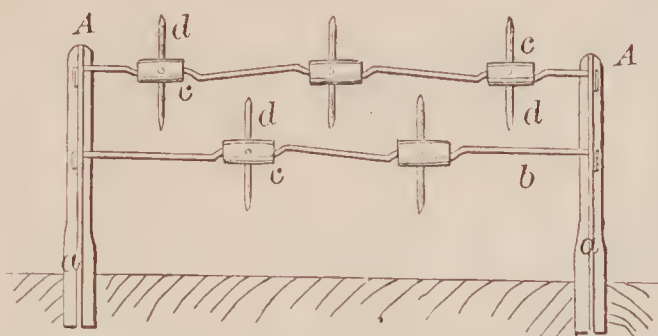


66170—H. Patterson—*Railway Track Raiser.*

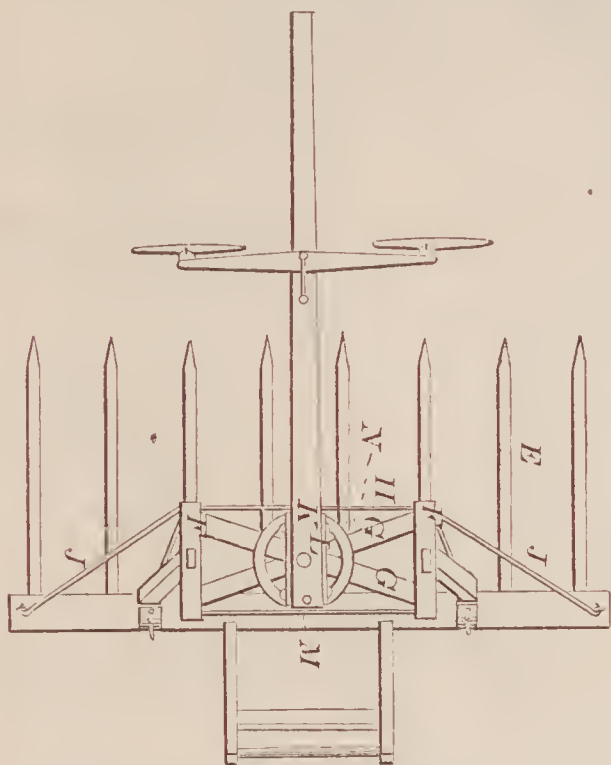


66172—A. Rais—*For Making Butt Hinges.*66173—T. S. Robinson—*Blacking Box Handle.*66175—F. J. Schellmann—*Sad Iron Handle.*66174—E. H. Roe—*Hand Saw.*66178—H. Sidle—*Churn.*66176—J. Schultz—*For Unhairing Hides.*66177—J. V. H. Secor—*Wrench.*66180—J. J. Smith—*Sheep Feeding Rack.*66179—H. T. Smith—*Step Ladder.*66181—L. Smith—*Washing Machine.*

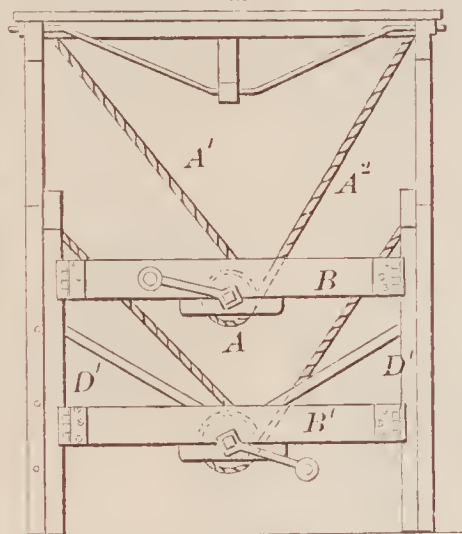
66182—L. B. Smith—Wire Fence.



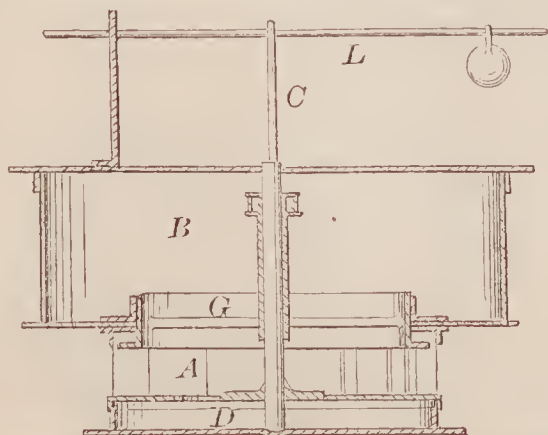
66186—J. F. Swinnerton—Horse Rake.



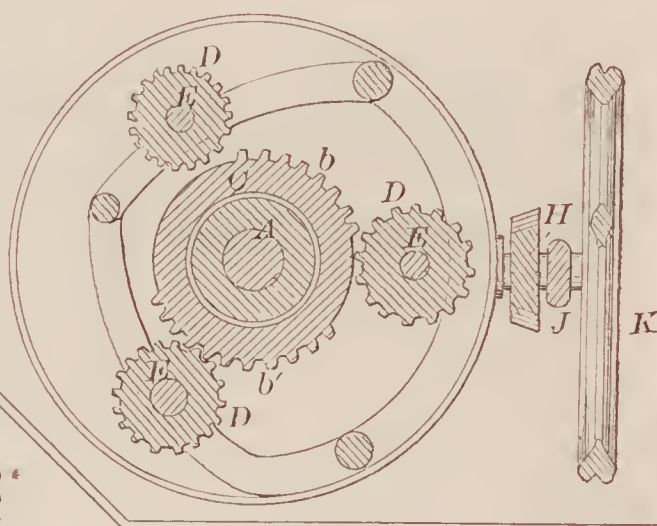
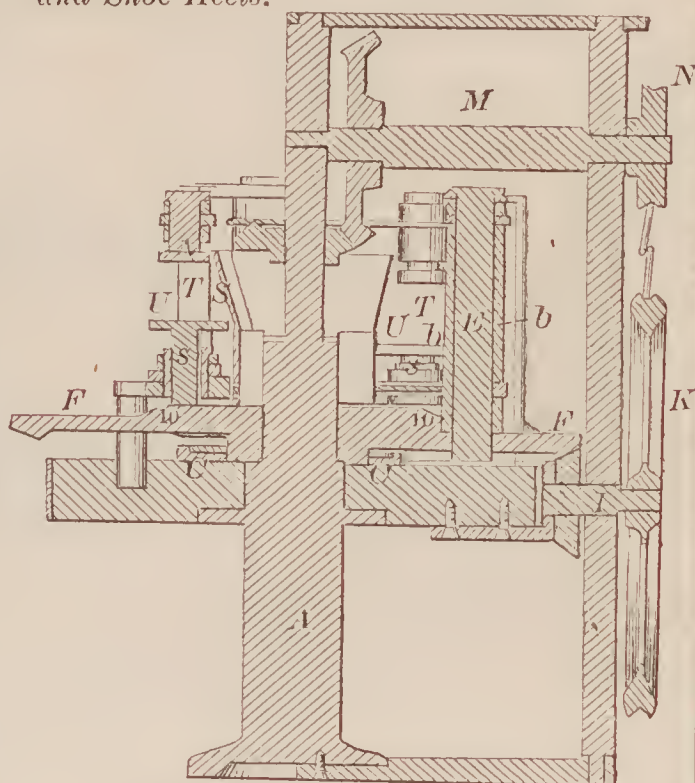
66187—C. M. Tanner—Extension Scaffold.
H



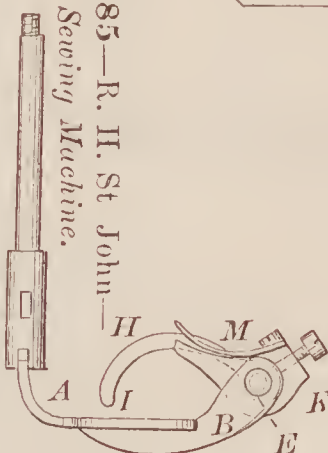
66189—E. Tuttle—Water Wheel.



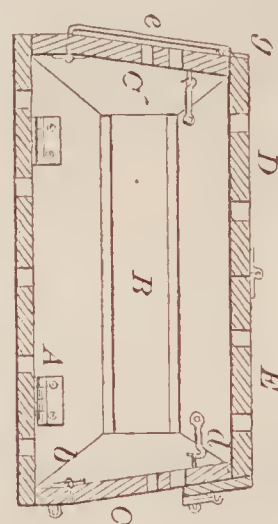
66184—C. S. Stearns—For Trimming Boot and Shoe Heels.



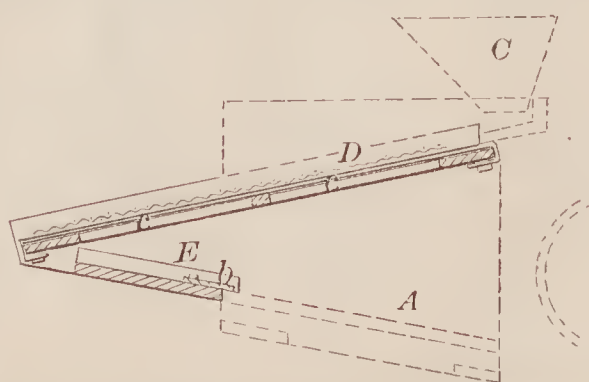
66185—R. H. St. John—Sewing Machine.



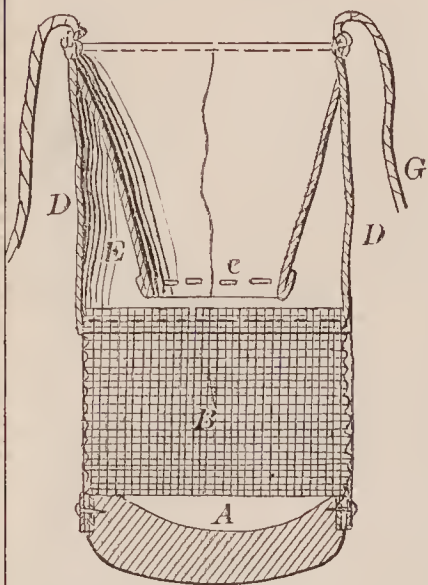
66183—D. B. Spinning—Fruit and Poultry Box.



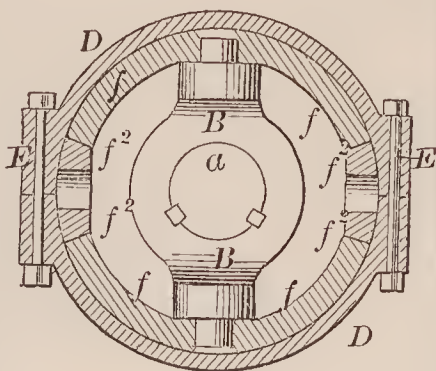
66188—H. S. Townsend—Seed and Grain Sieve.



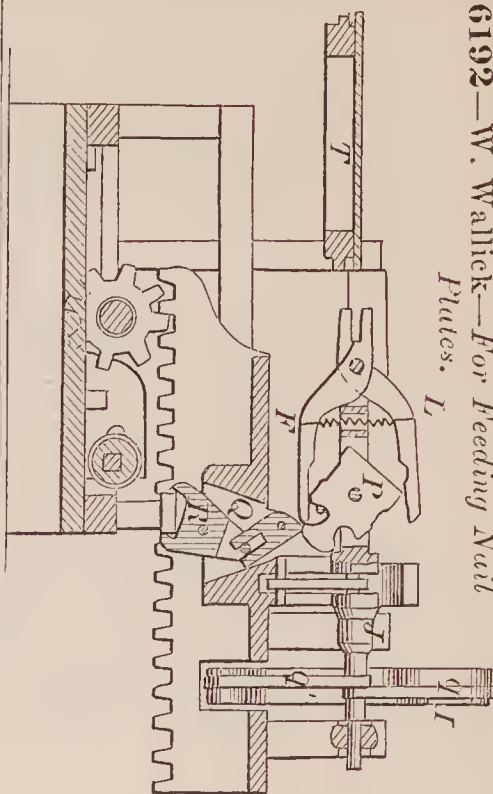
66190—J. Vandercar—
Feed Bag.



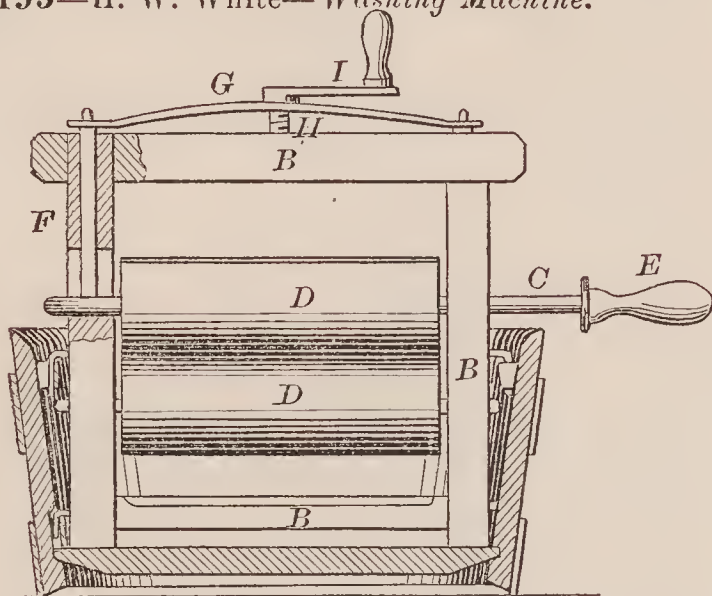
66193—N. W. Wheeler—
Flexible Coupling.



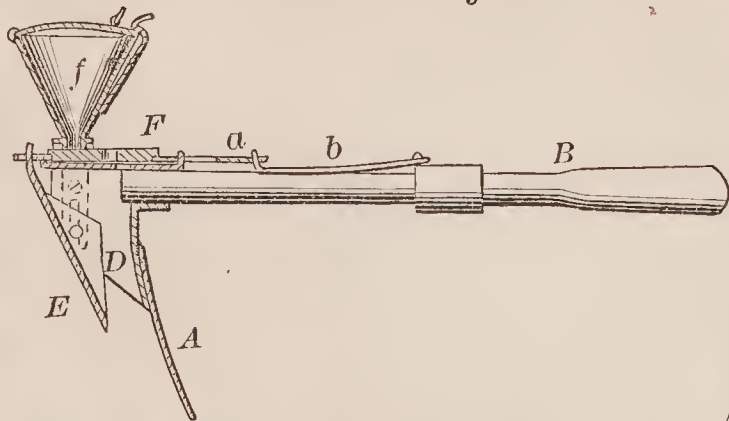
66192—W. Wallick—*For Feeding Nail
Plates.*



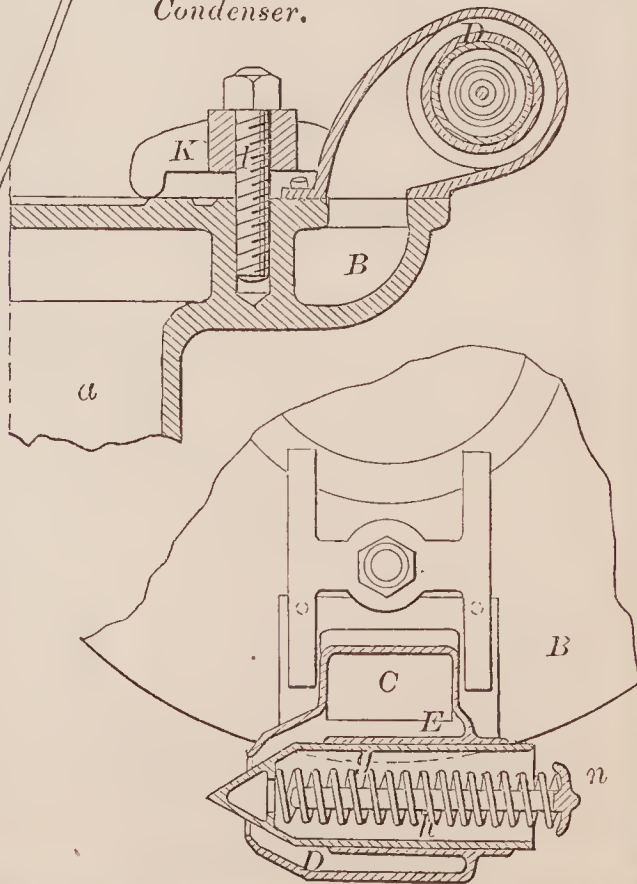
66195—H. W. White—*Washing Machine.*



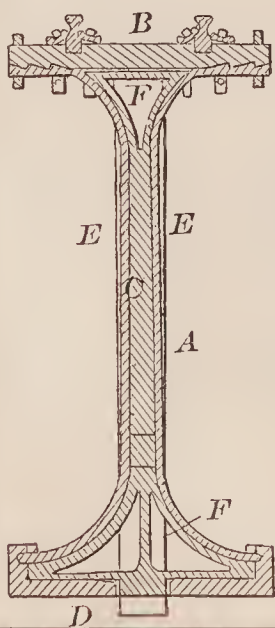
66196—A. Williams—*Planting Hoe.*



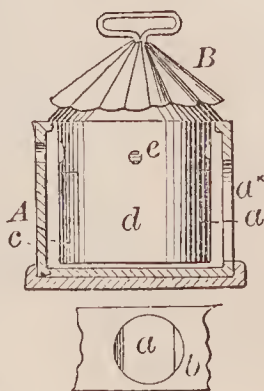
66194—N. W. Wheeler—*Surface
Condenser.*



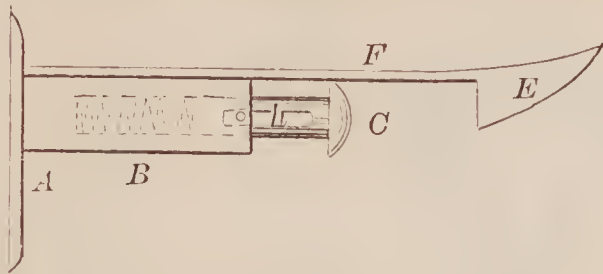
66197—F. A. Williams—*Support for
Elevated Railways.*



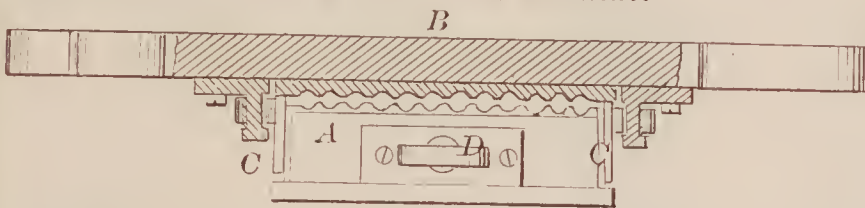
66191—J. Wall—*Signal Lamp.*



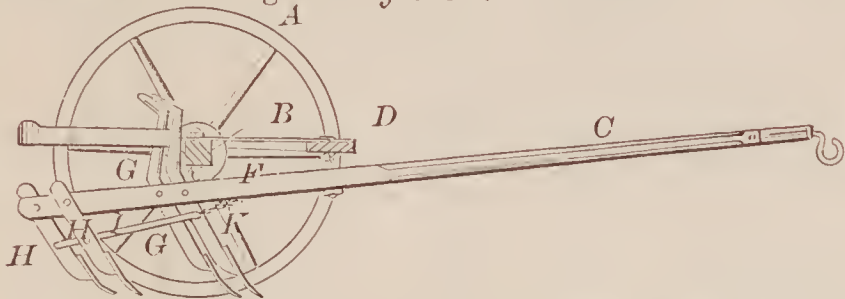
66198—C. L. Willis—*Door Stop and Latch.*



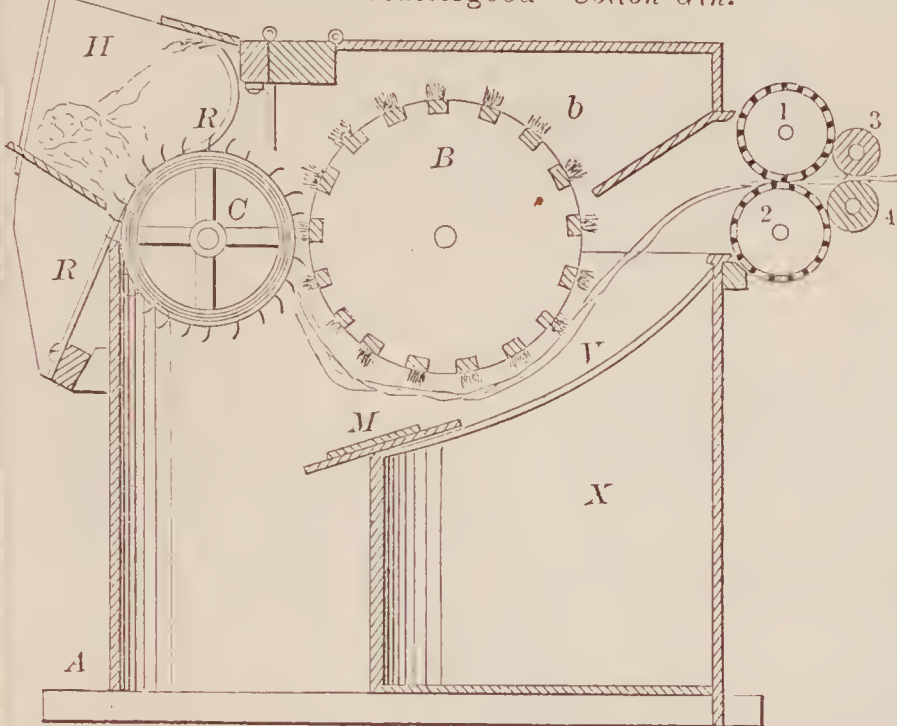
66199—W. V. V. Wilson—*Pill Machine.*



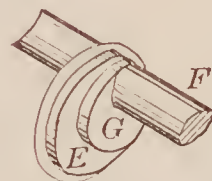
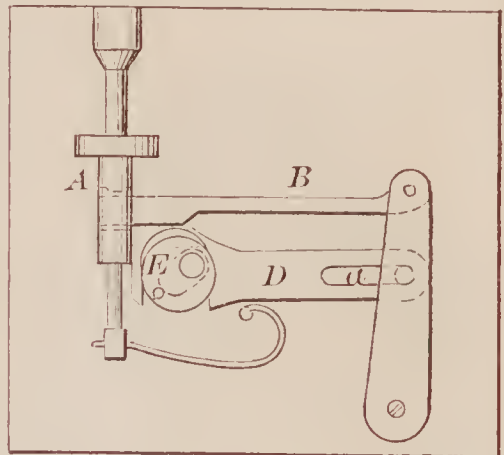
66200—I. Wing—*Sulky Plow.*



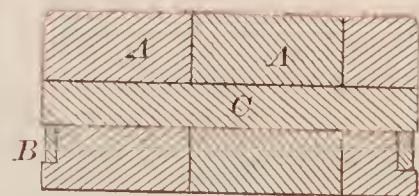
66202—H. V. Scattergood—*Cotton Gin.*



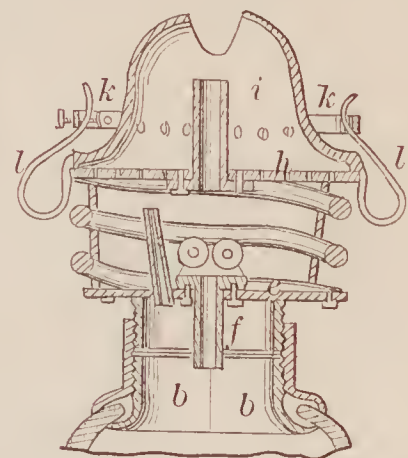
66204—L. D. Bartlett—*Steam Engine Valve Gear.*



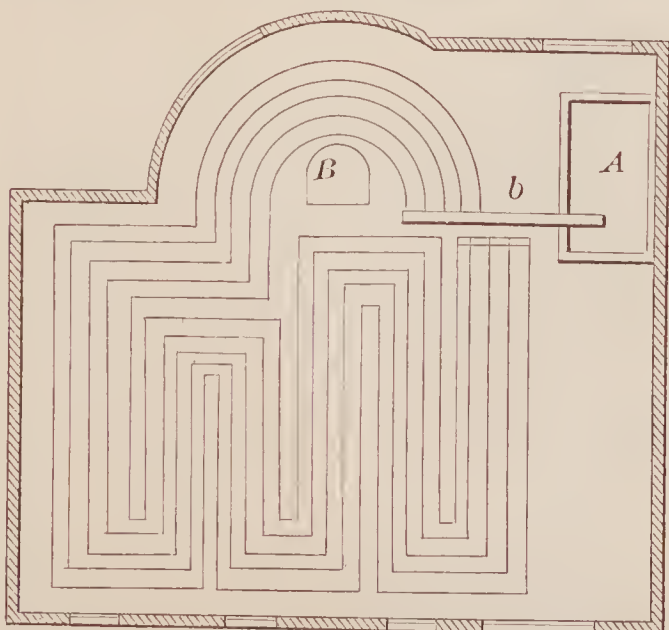
66201—C. W. Stafford—*Pavement.*



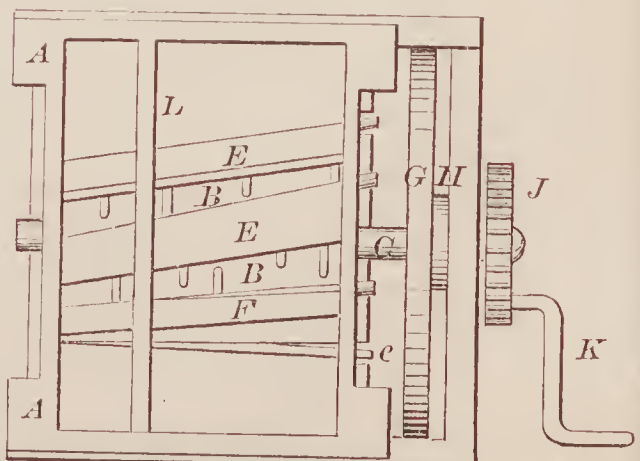
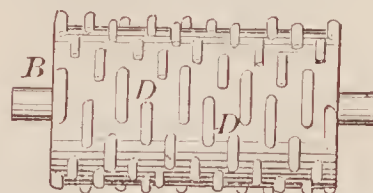
66203—P. Baker—*Lamp Burner.*



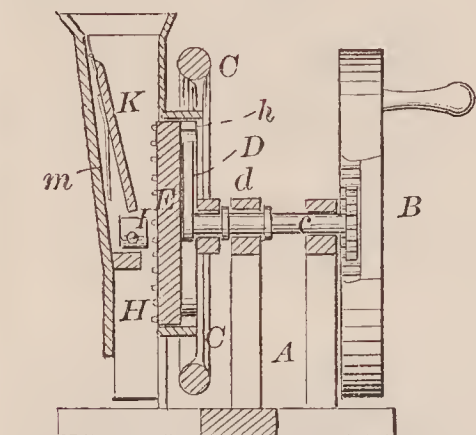
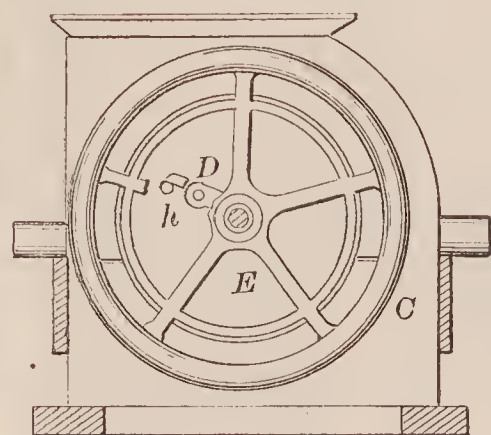
66206—J. R. Bowers—*Drying Brick.*



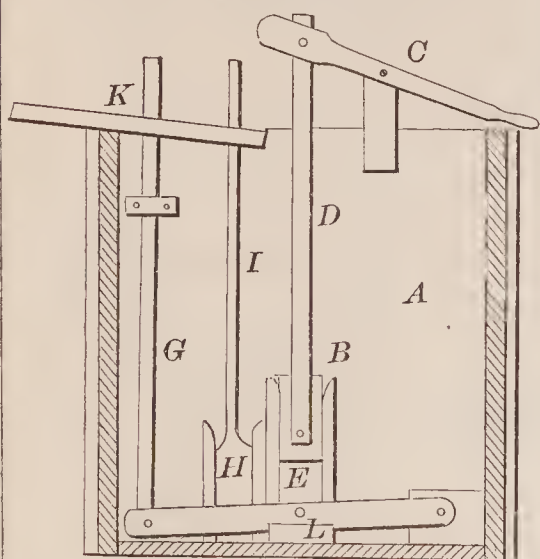
66205—G. Bevitt—*Corn Sheller.*



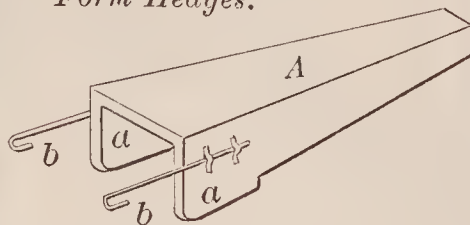
66207—E. W. Branch—*Cider Mill.*



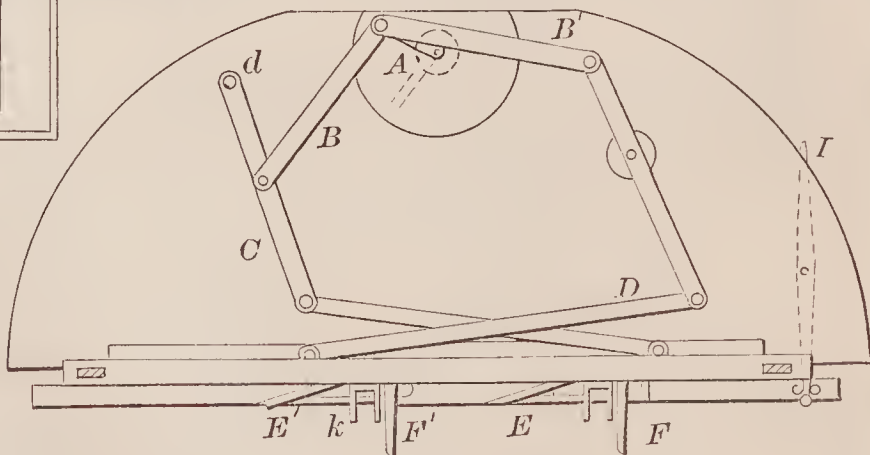
66211—R. Brusie—*For Gathering Apple Seeds.*



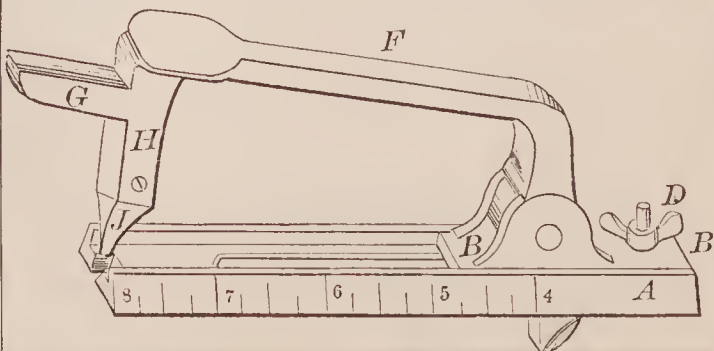
66210—C. D. Brown—*For Bending Down Plants to Form Hedges.*



66214—J. Busser—*Shifting Bucket Propeller.*



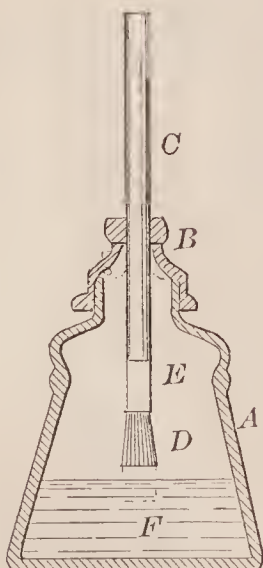
66216—A. Carson—*Clapboard Gauge.*



66212—W. Burnet—*Bottle Cap.*



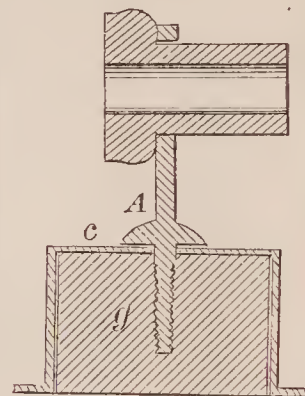
66213—W. Burnet—*Top for Mucilage Bottles.*



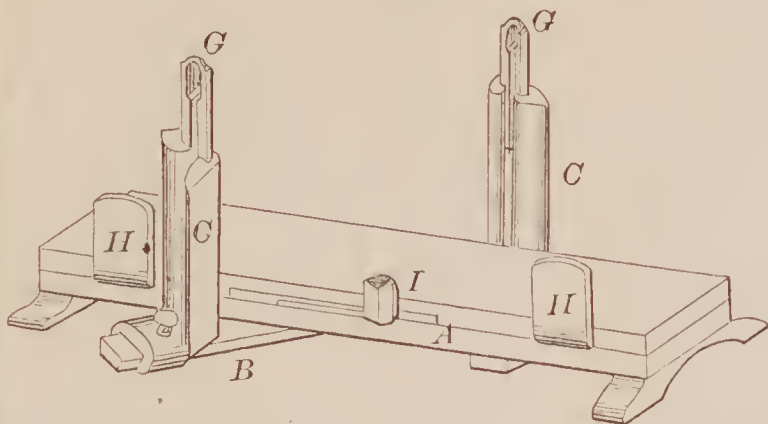
66209—C. D. Brown—*Hedge Fastener.*



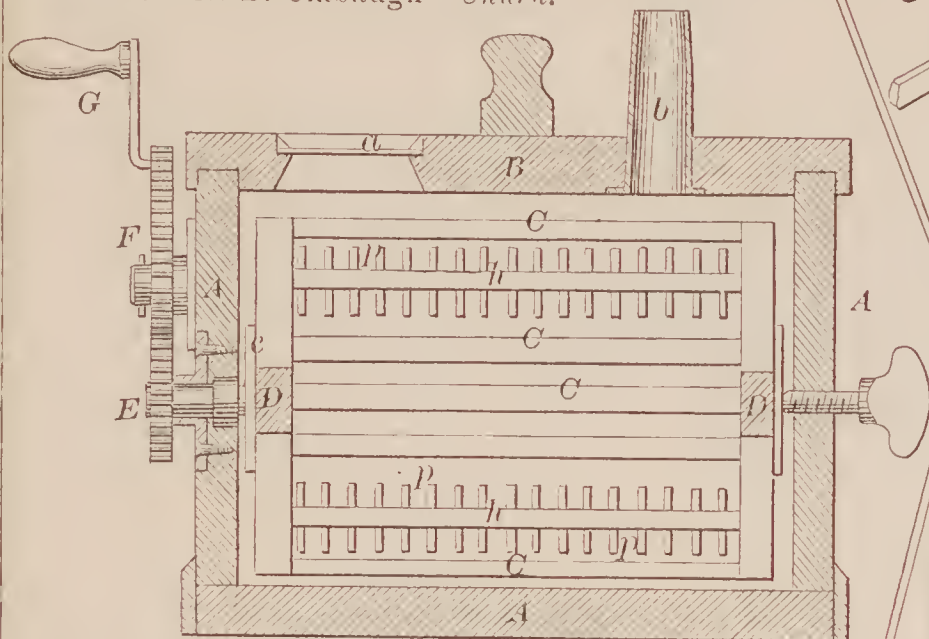
66215—R. Calrow—*Insulator Holder.*



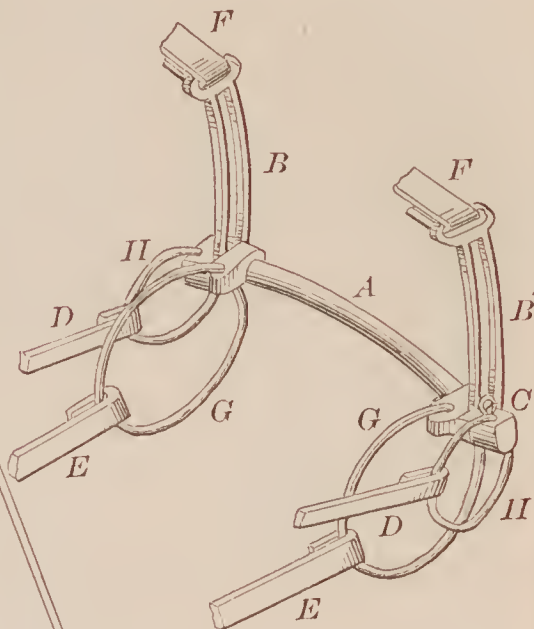
66217—E. C. Check—Mitre Box.



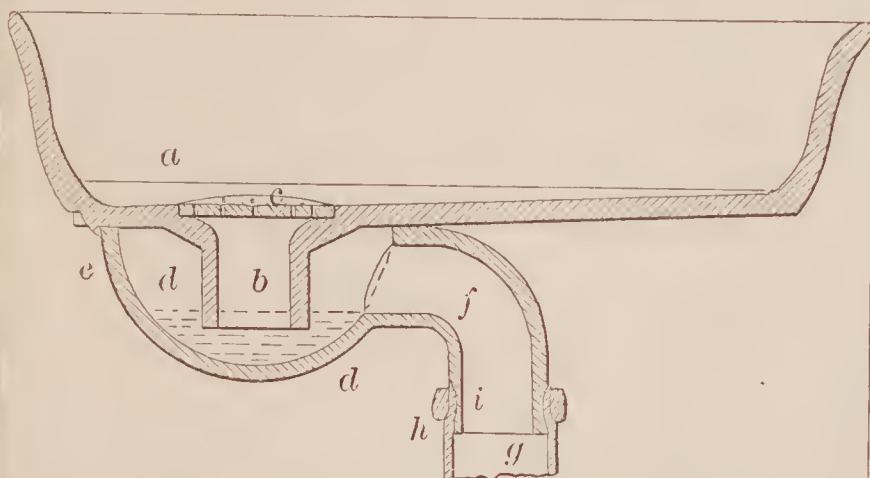
66219—N. B. Clabaugh—Churn.



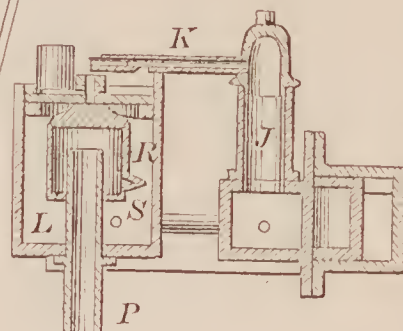
66221—J. M. Crawford—Bridle Bit.



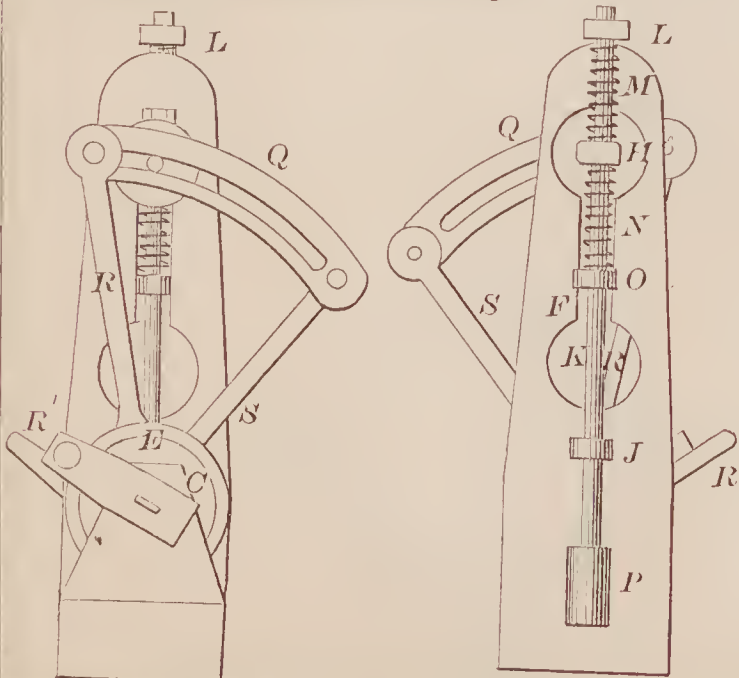
66220—H. H. Craigie—Sink.



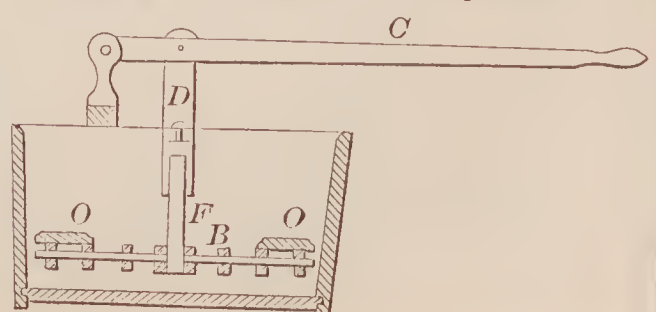
66223—J. Darling—Boiler Feeder.



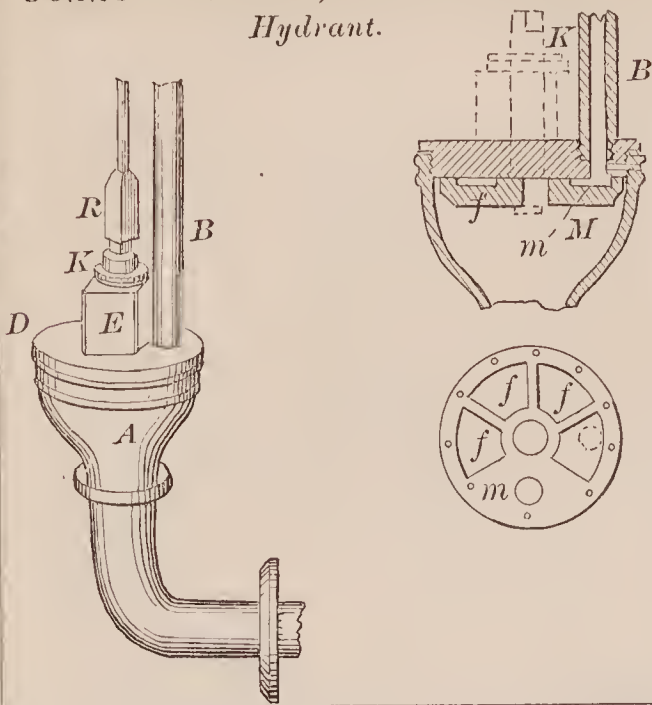
66222—Cunningham & Sharp—Power Hammer.



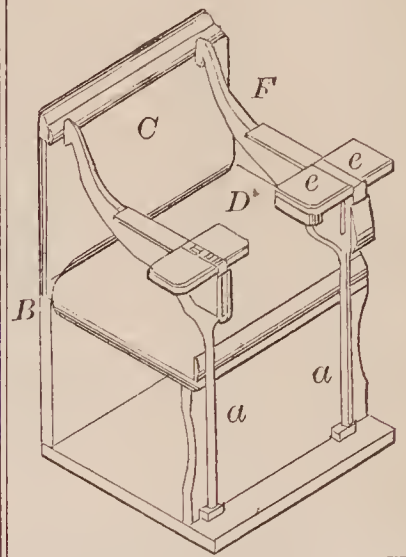
66224—S. Davis—Washing Machine.



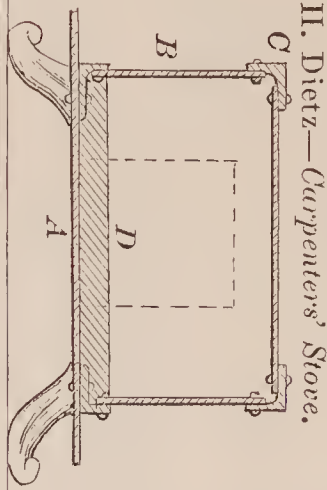
66225—Dickinson, Witman & Rabold—
Hydrant.



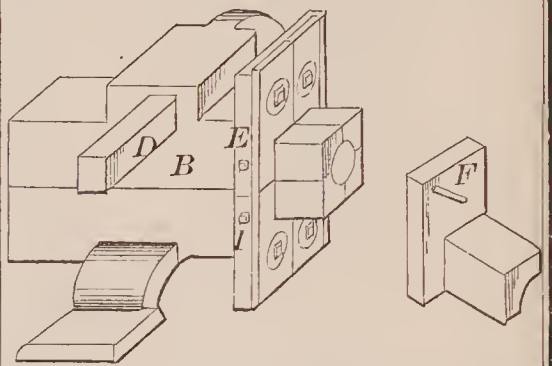
66228—A. S. Dotter—
Car Seat.



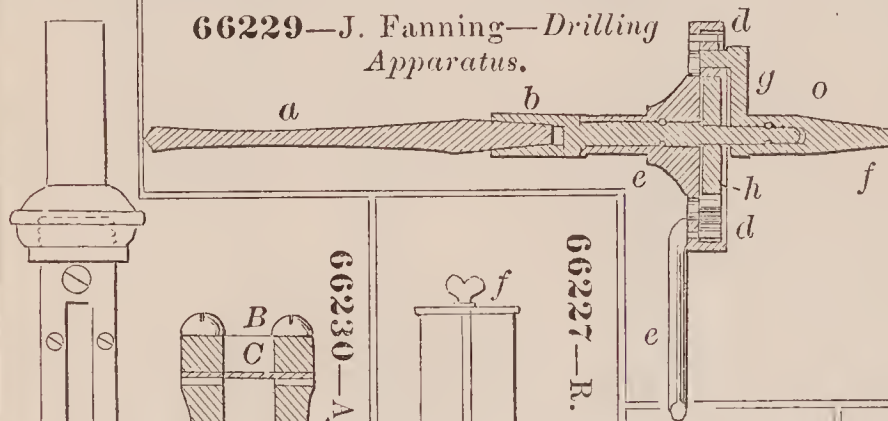
66226—H. Dietz—*Carpenter's Stove.*



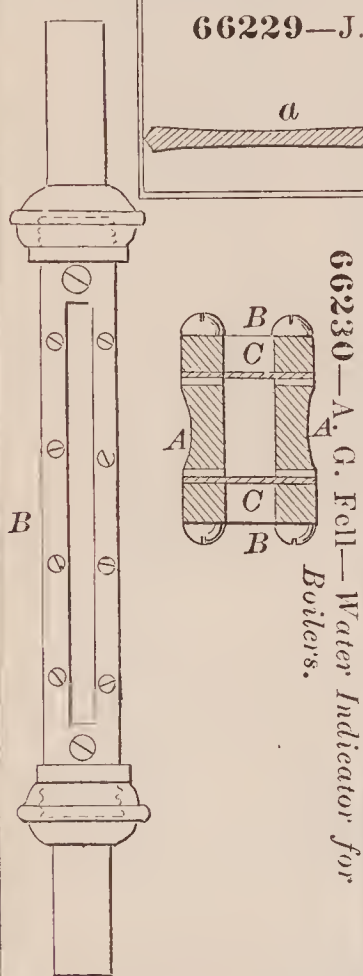
66231—R. Fidler—*For Forming Sheet Metal Tubes.*



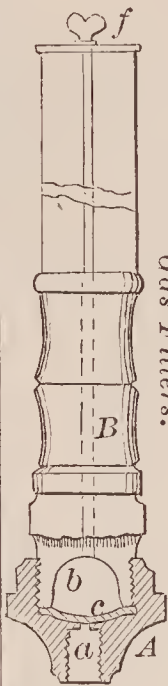
66229—J. Fanning—*Drilling Apparatus.*



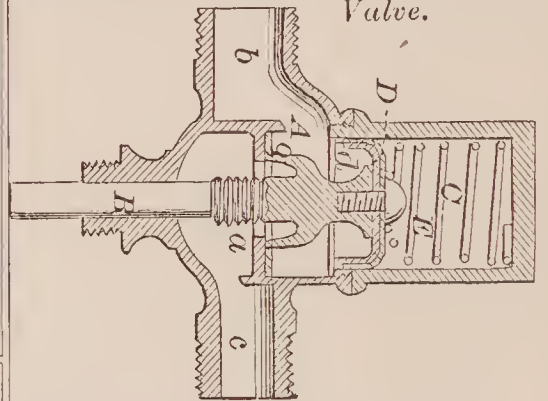
66230—A. G. Fell—*Water Indicator for Boilers.*



66227—R. B. Donaldson—*Pressure Gauge for Gas Filters.*



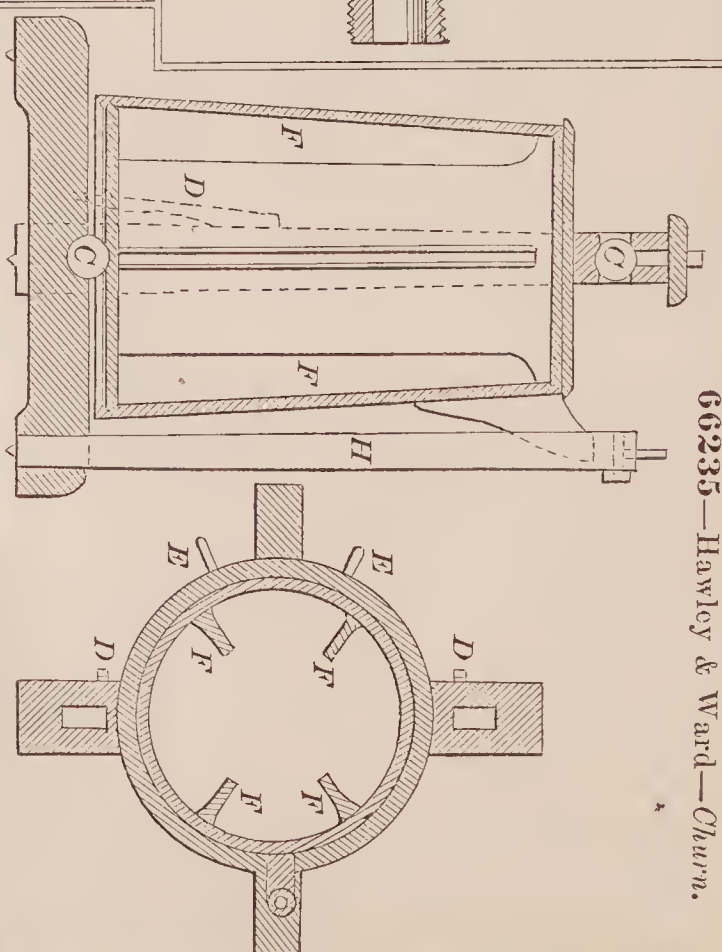
66233—J. Gilfillan—*Water Closet Valve.*



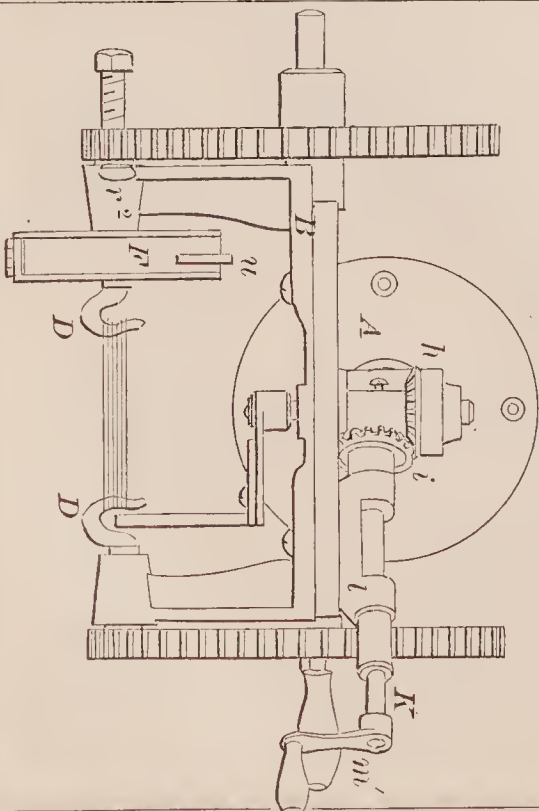
66234—C. T. Grilley—
Cupping Pad Screw.



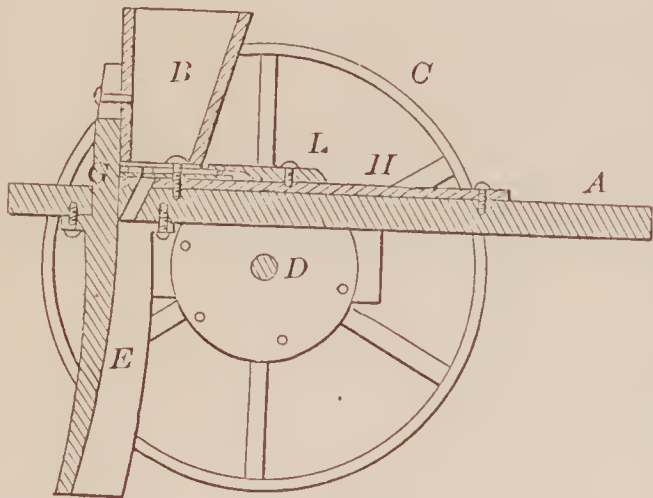
66235—Hawley & Ward—*Churn.*



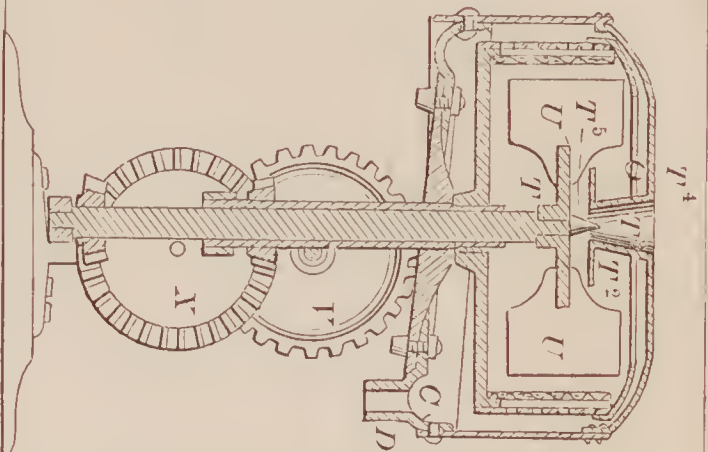
66232—C. Fisher—*For Skeining Silk, Thread, &c.*



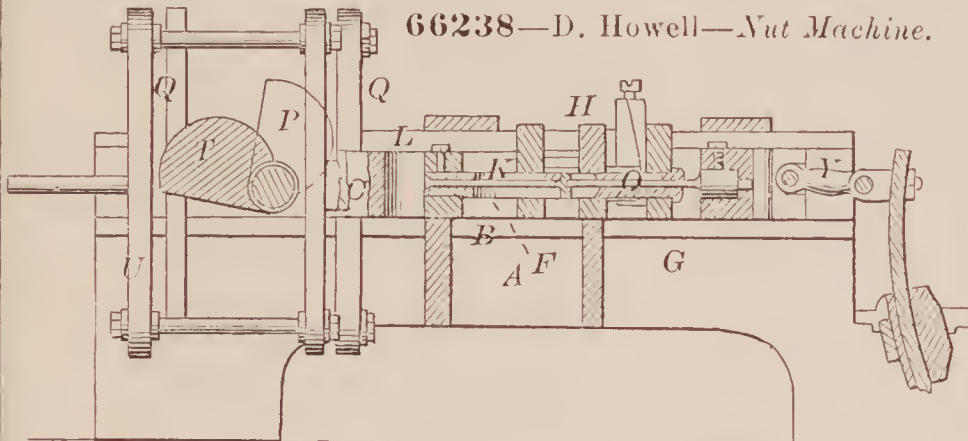
66236—G. E. Herrick—Seed Planter.



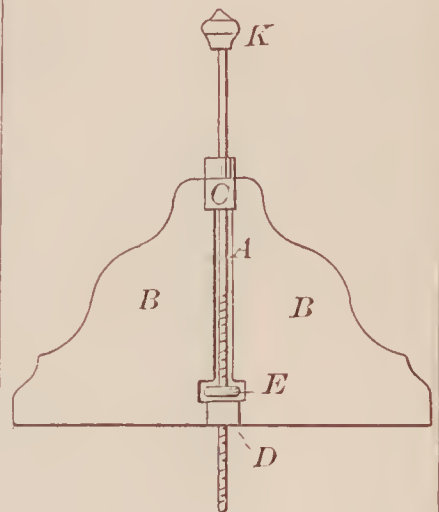
66241—C. Macumber—For Draining Sugar.



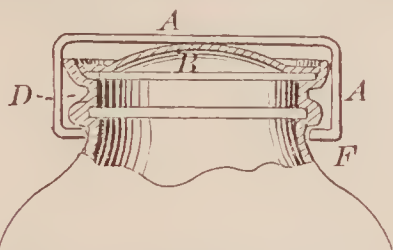
66238—D. Howell—Nut Machine.



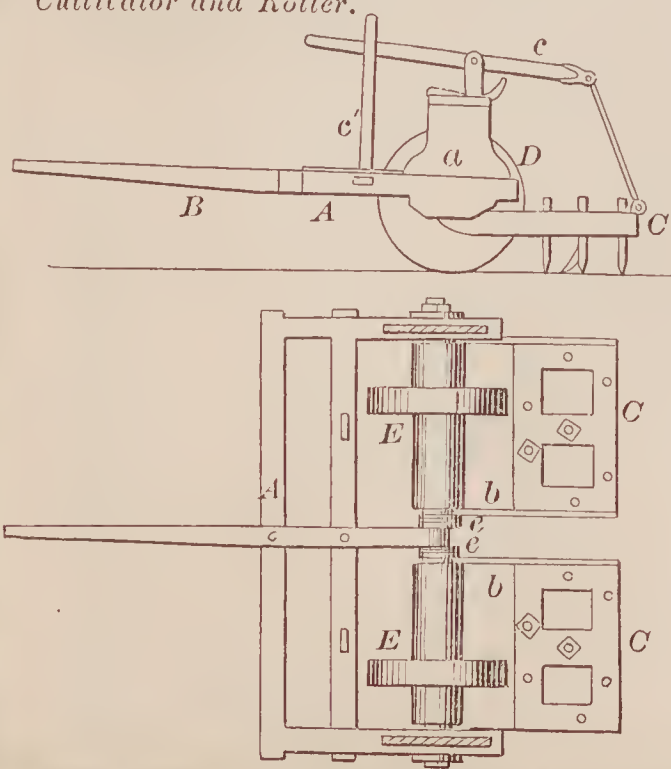
66239—I. A. Hurd—Depth Gauge.



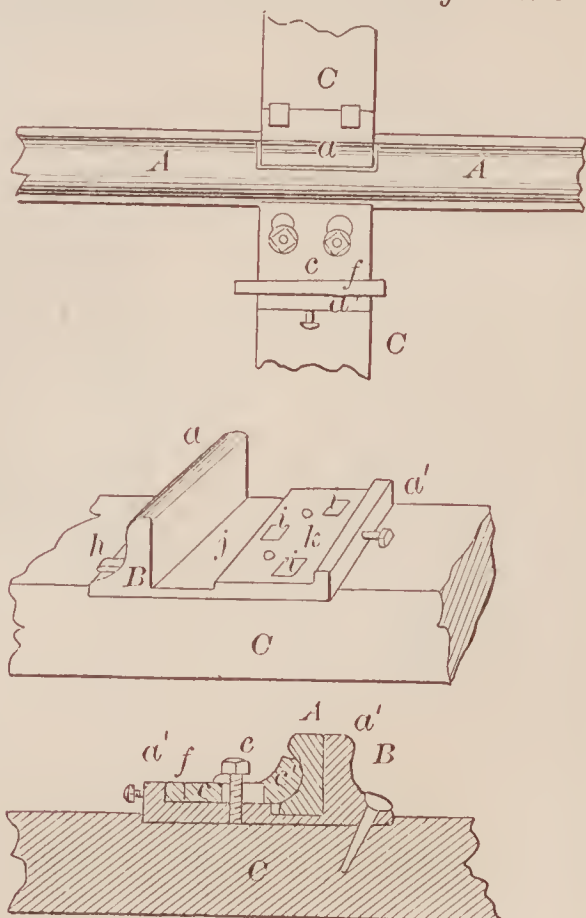
66237—E. D. Holman—Fruit Jar.

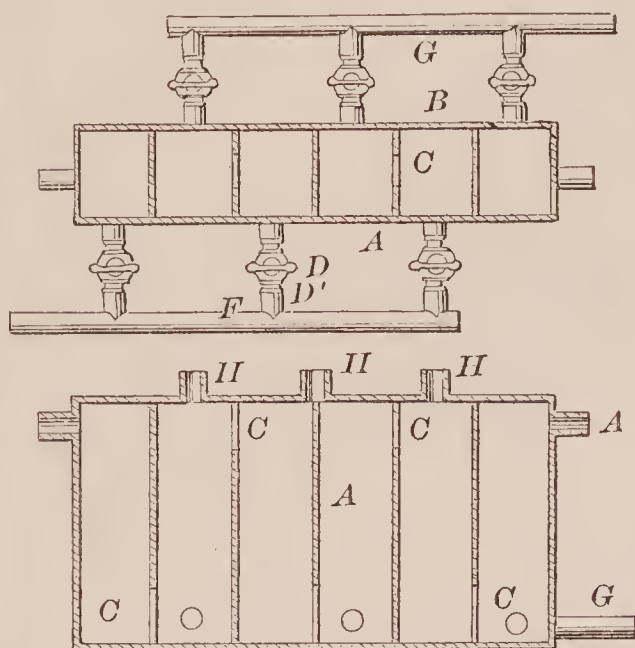
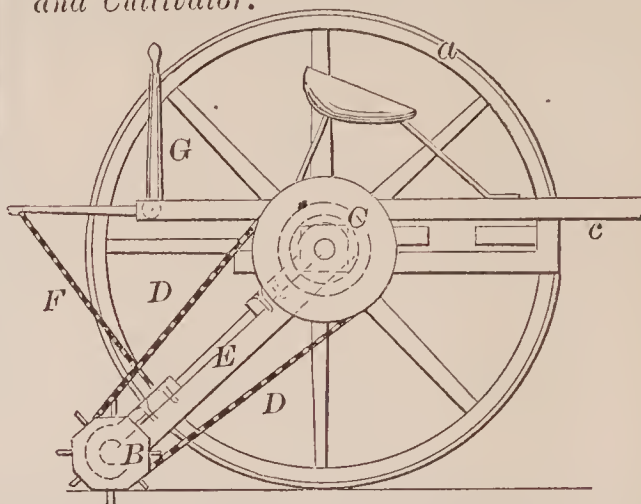
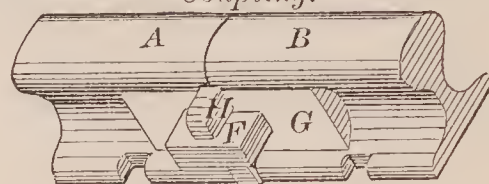
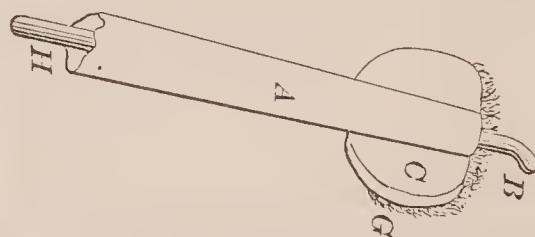
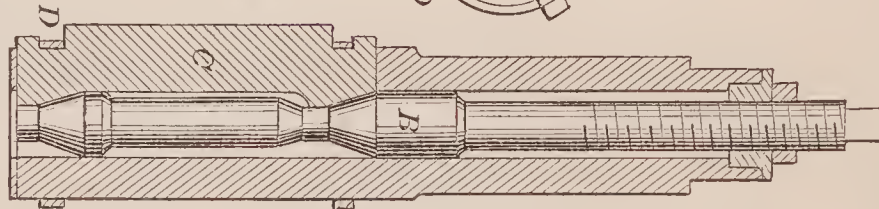
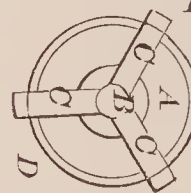
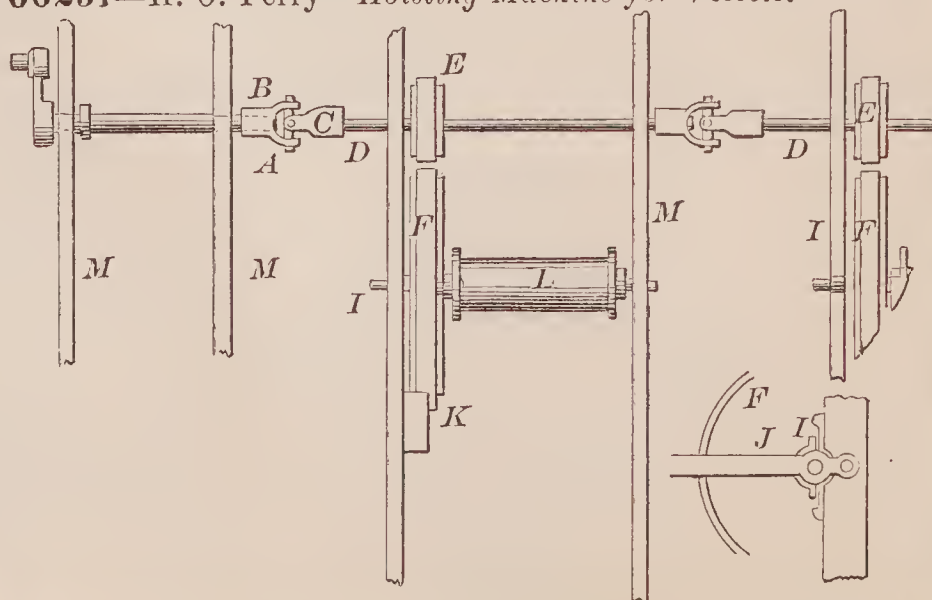
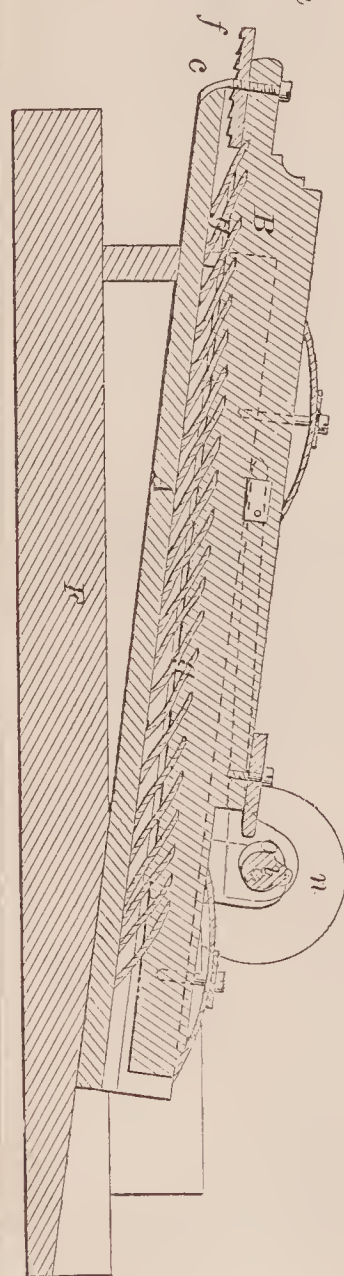
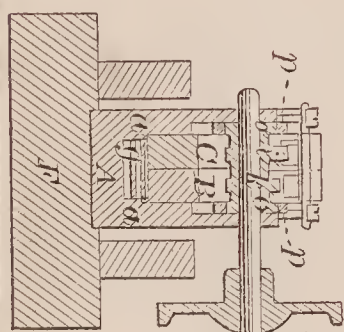
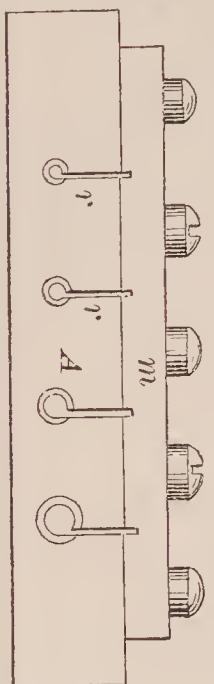


66240—J. Johnston—Plow, Harrow, Cultivator and Roller.

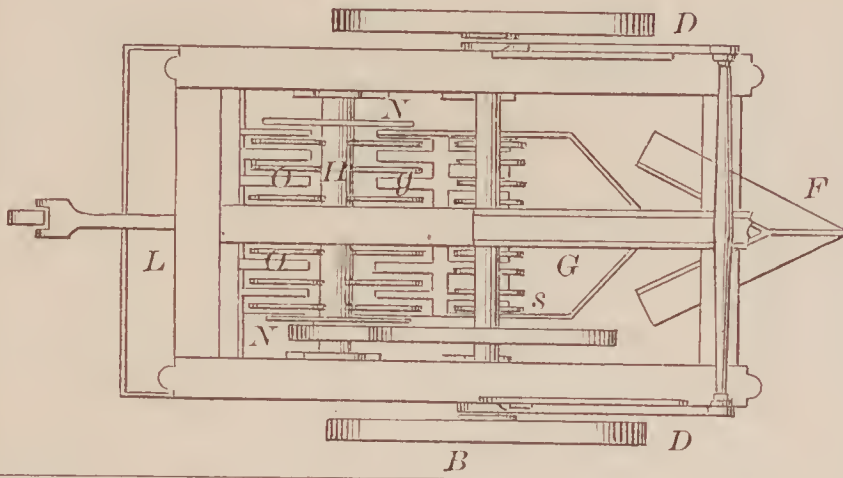


66242—J. Mohn—Railway Chair.

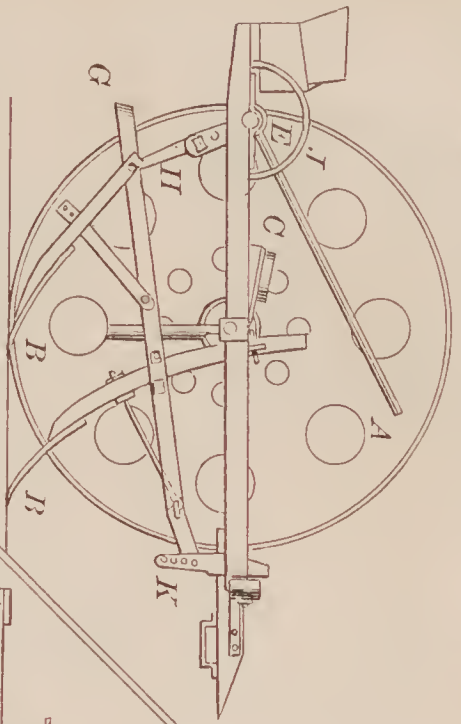


66243—C. Morfit—*Condenser for Stills.***66244**—S. Moulton—*Band Coupling.***66245**—A. Newell—*Revolving Harrow and Cultivator.***66246**—J. Newham—*Railway Rail Coupling.***66249**—N. Palmer—*Window Washer.***66250**—W. F. Patterson—*Expanding Reamer.***66251**—H. O. Perry—*Hoisting Machine for Vessels.***66247**—W. Noyes, Jr.—*For Shaving Horn.***66248**—J. O. Kane—*Drive Plate.*

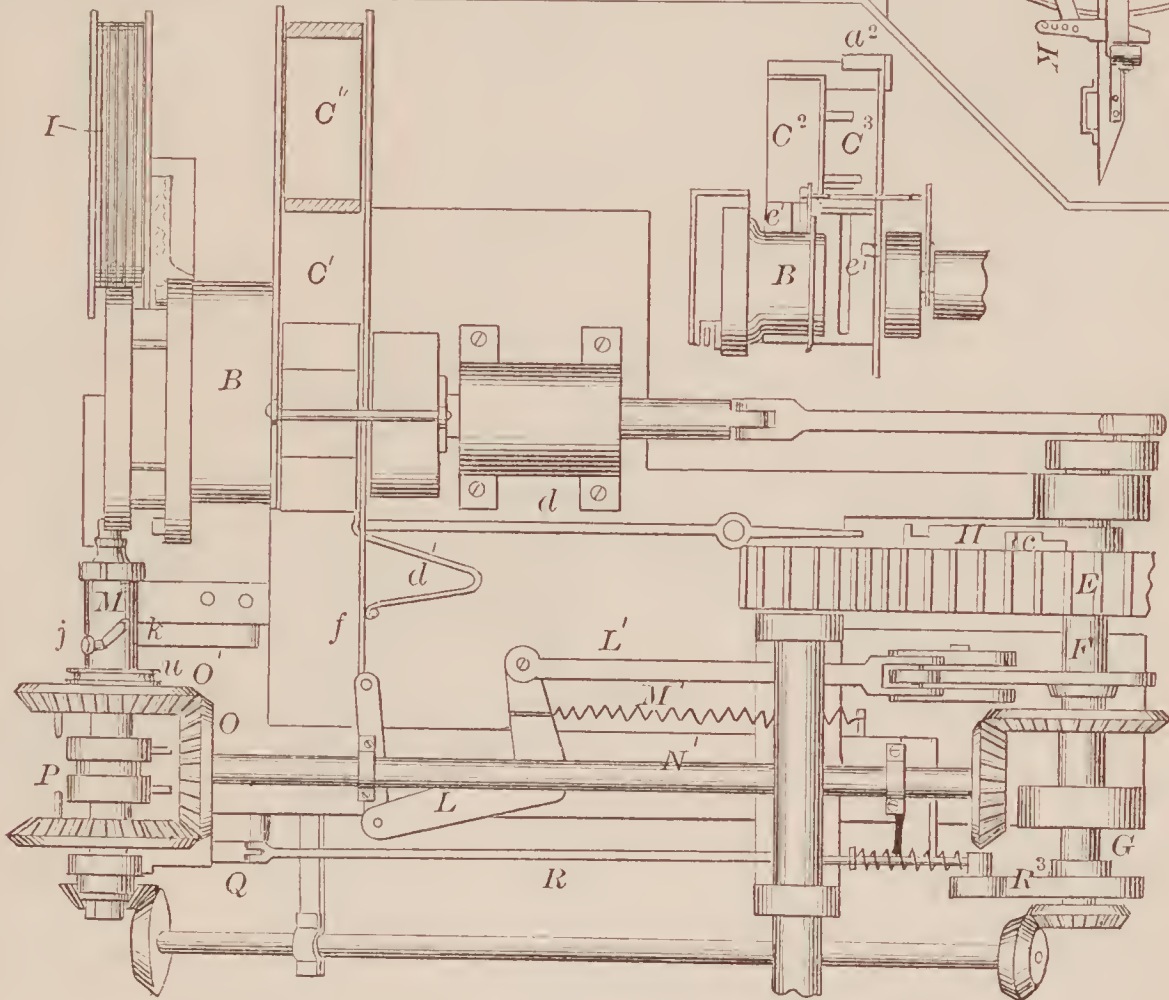
66252—C. H. Pickering—*Potato Digger.*



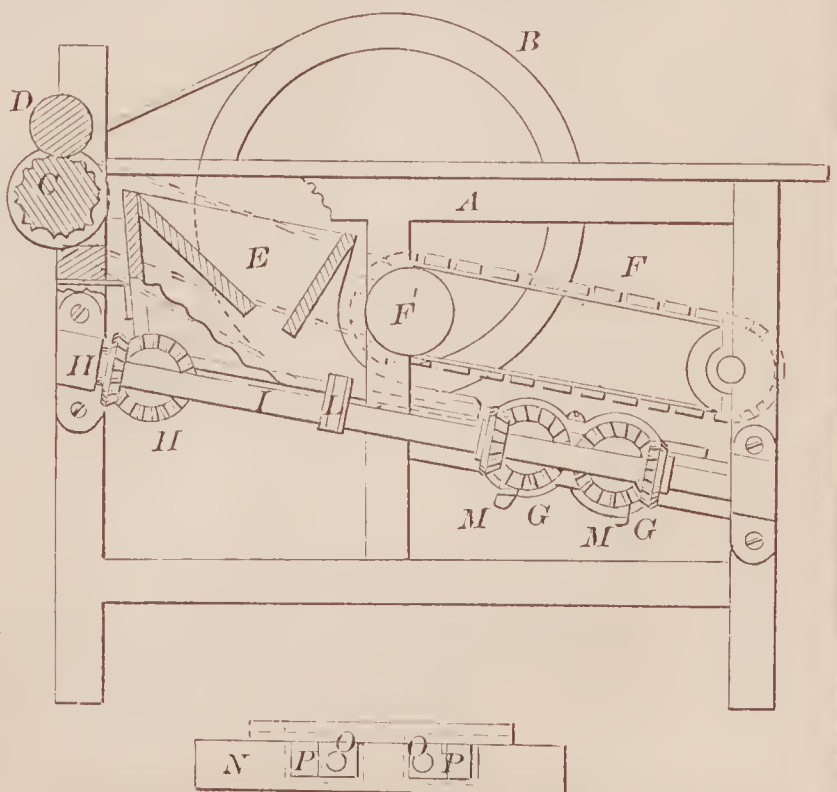
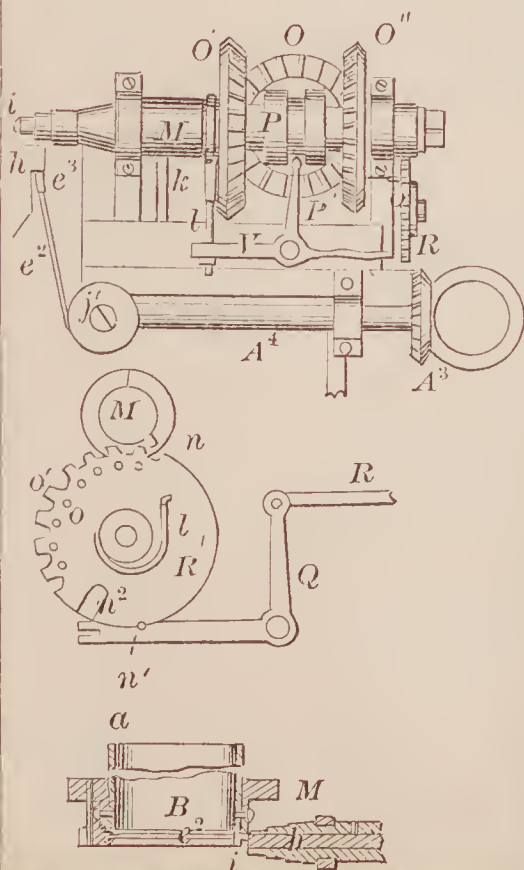
66253—M. Redlinger—*Corn Plow.*

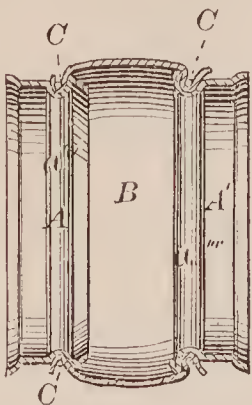
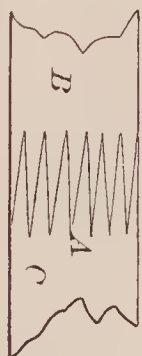
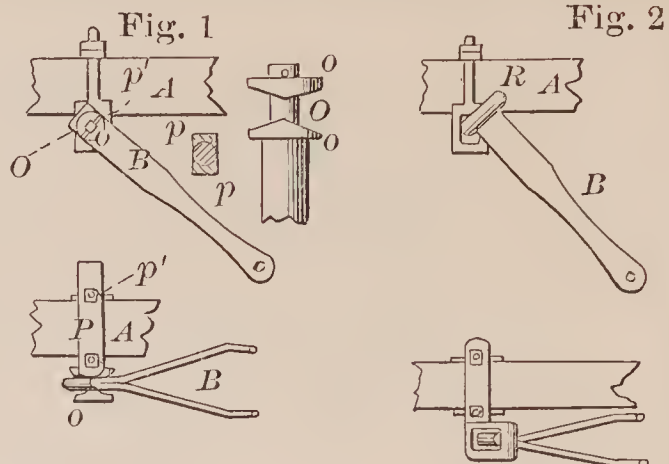
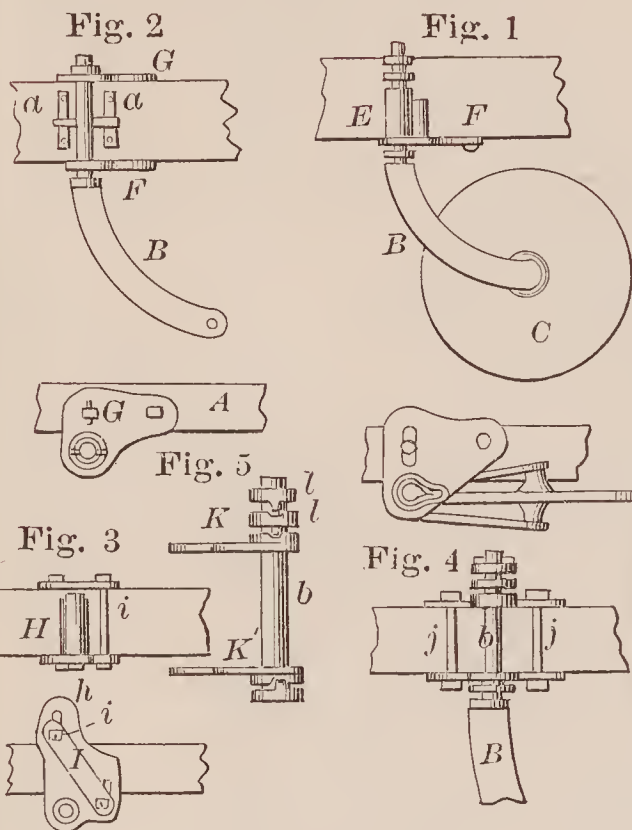
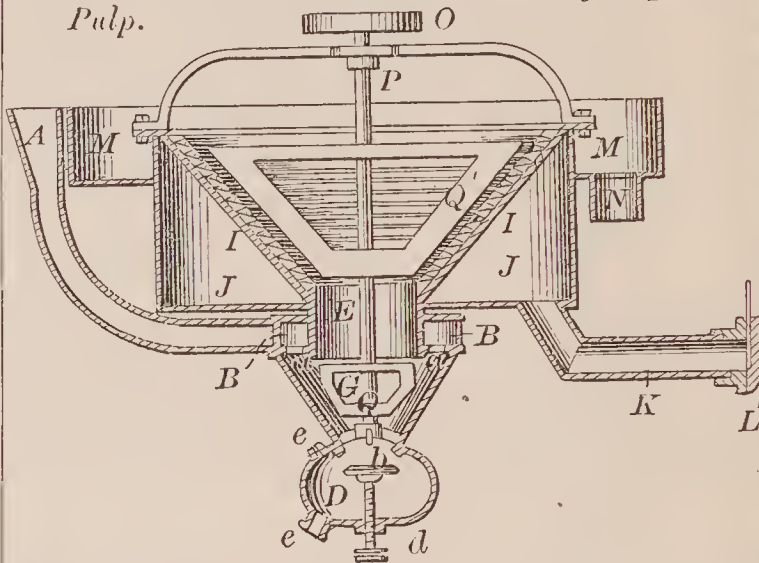
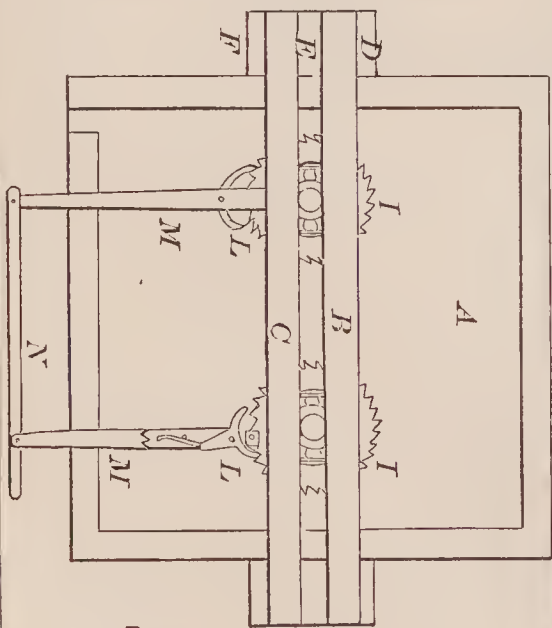
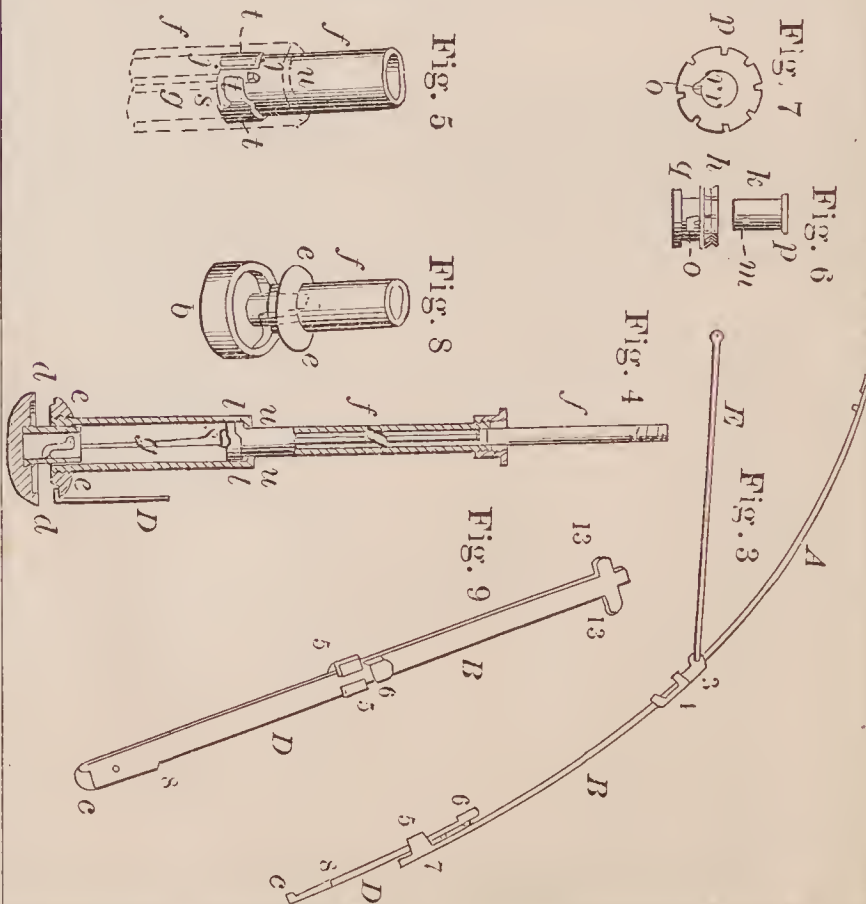
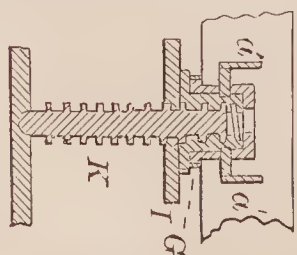


66254—Richardson & Stevens—*For Bundling Kindling Wood.*

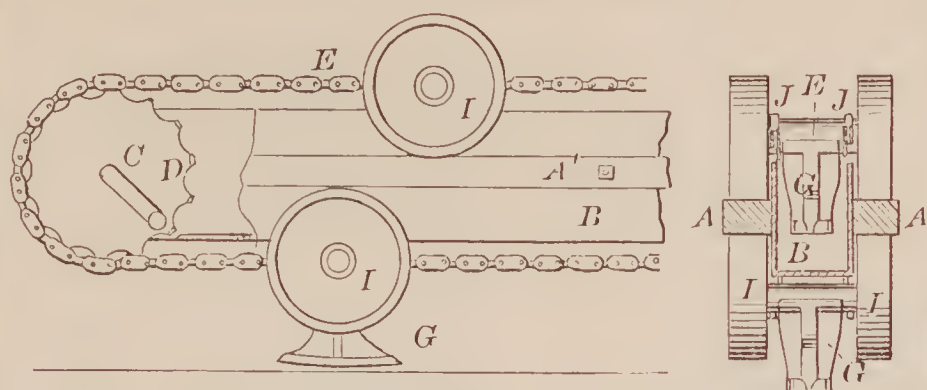


66255—D. Sager—*For Husking Corn.*

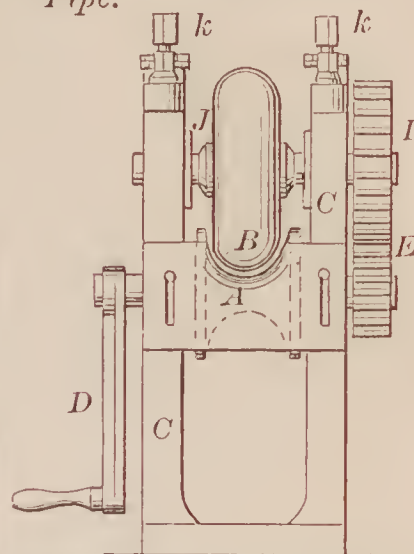


66256—J. Schatt—*Dry Gas Meter.***66261**—N. E. Smith—*Splicing Belting.***66260**—J. B. Skinner—*Plow.***66259**—J. B. Skinner—*Plow.***66258**—G. E. Sellers—*For Dressing Paper Pulp.***66263**—W. H. Sutherland—*Extension Umbrella.***66262**—A. D. Strong—*Cider Press.*

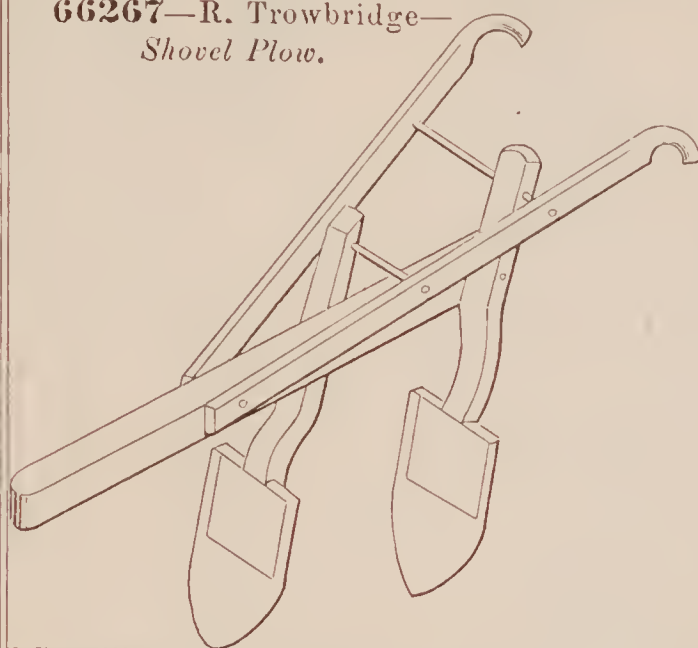
66264—A. Taylor—For Propelling Vehicles.



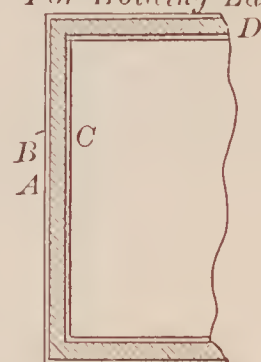
66265—Taylor & Wilson—For Rolling Stench Trap Pipe.



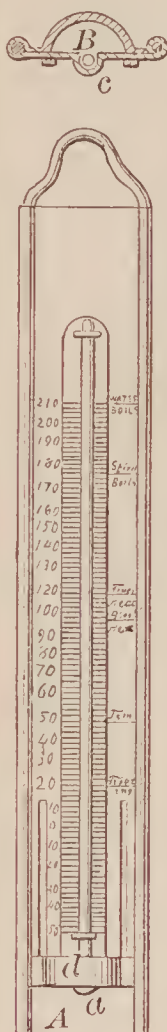
66267—R. Trowbridge—Shovel Plow.



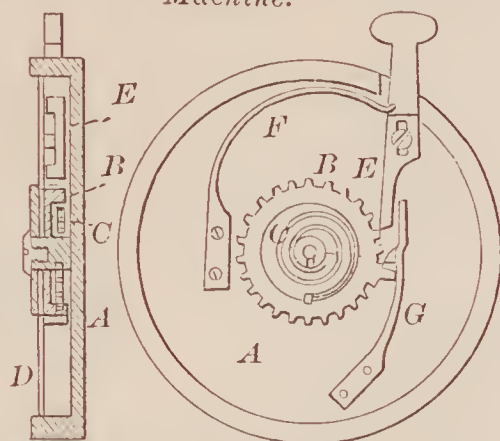
66268—C. L. Tucker—For Holding Lard.



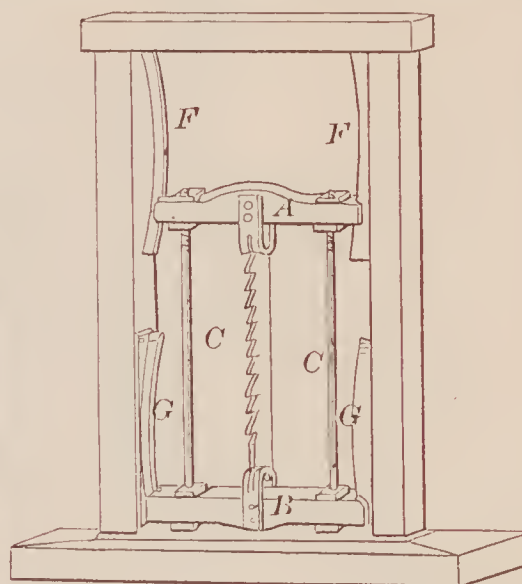
66266—L. C. Tower—Thermometer.



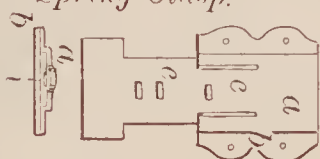
66269—U. Turner—Counting Machine.



66271—C. Whipple—Saw Mill.



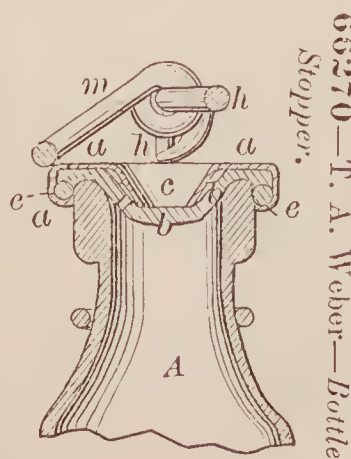
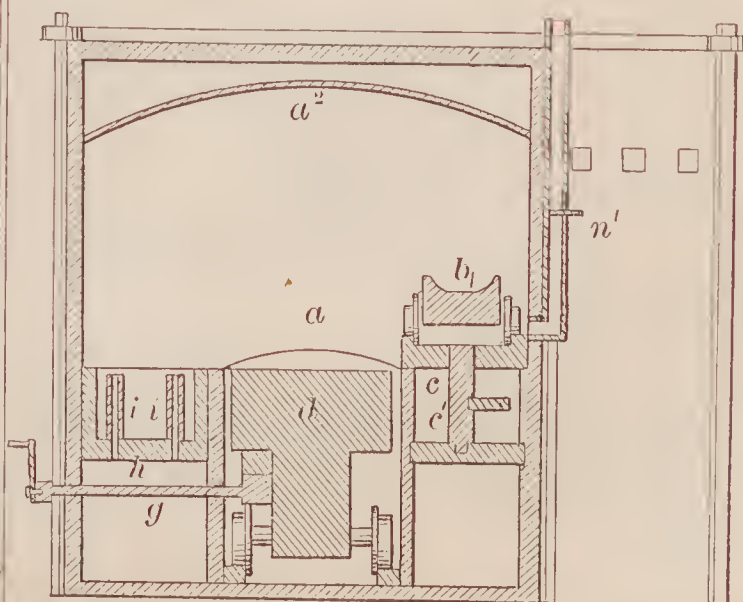
66273—A. C. & W. Wurzbach—Spring Clasp.



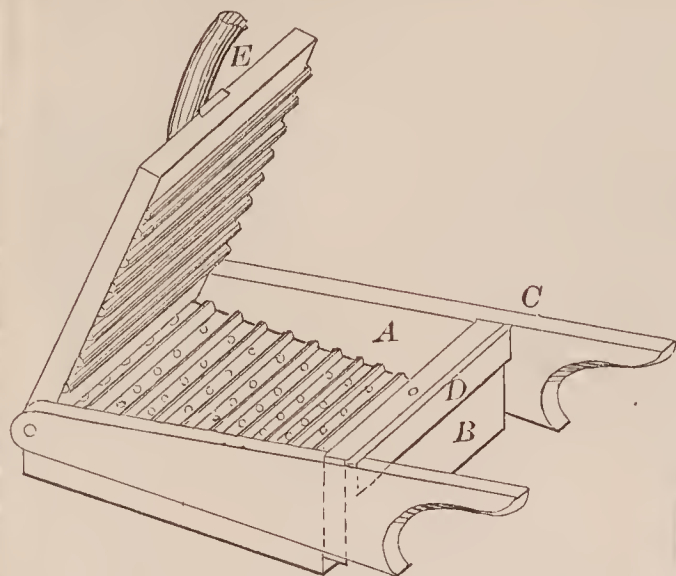
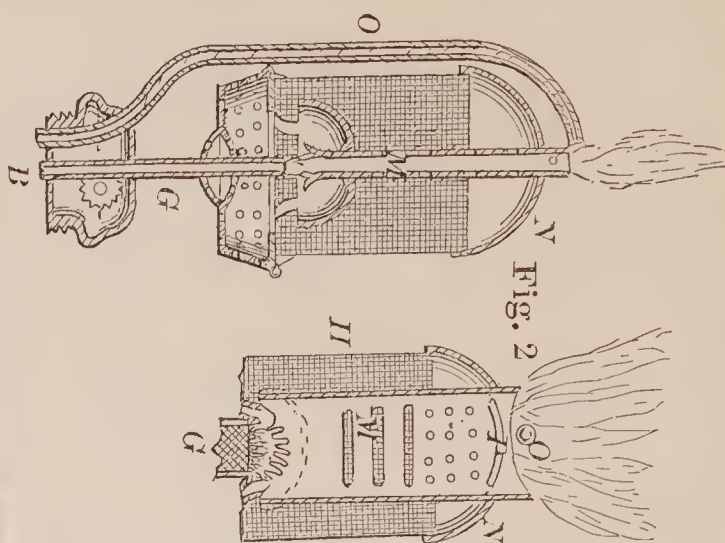
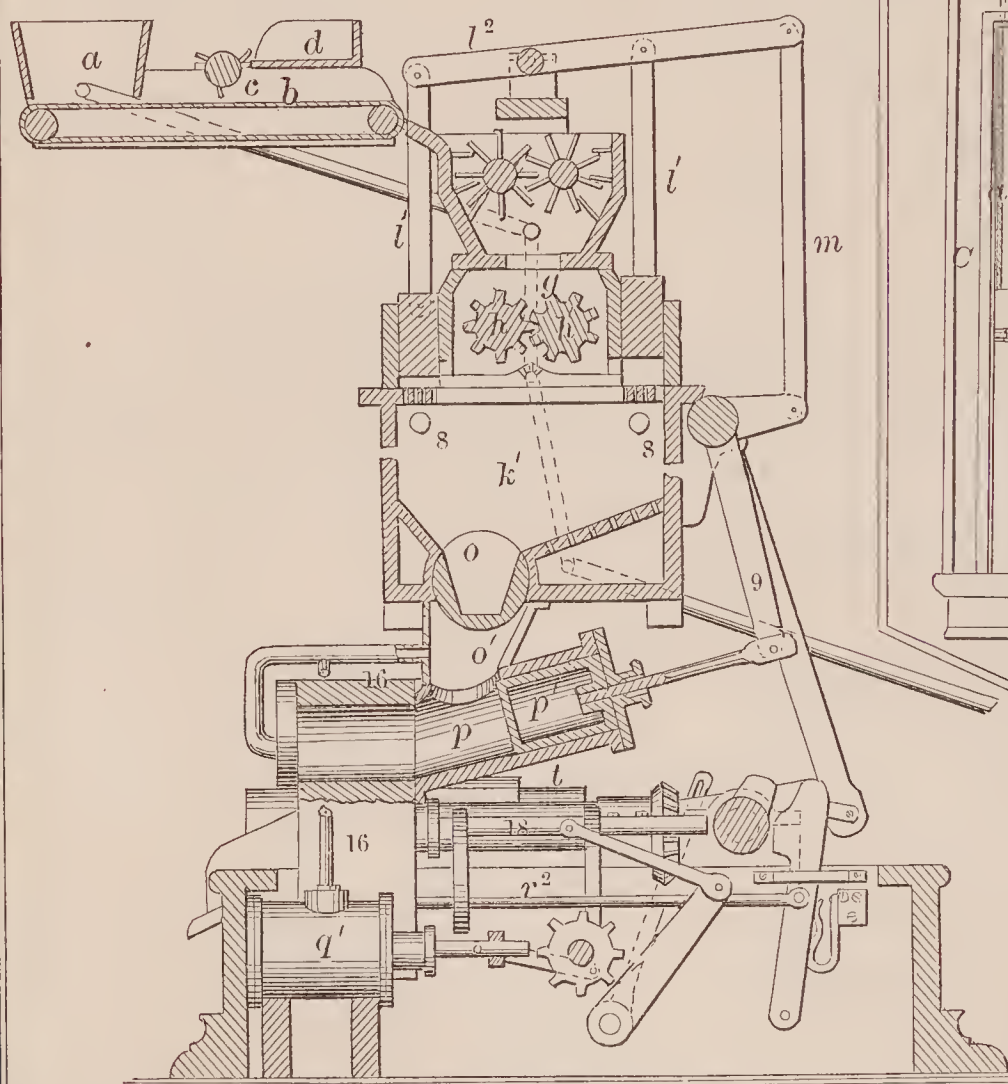
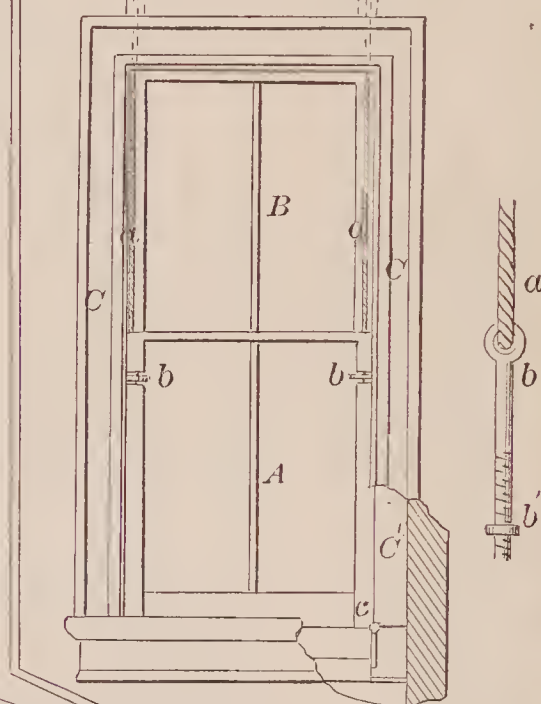
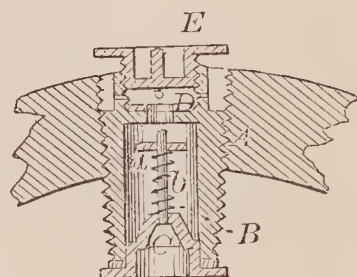
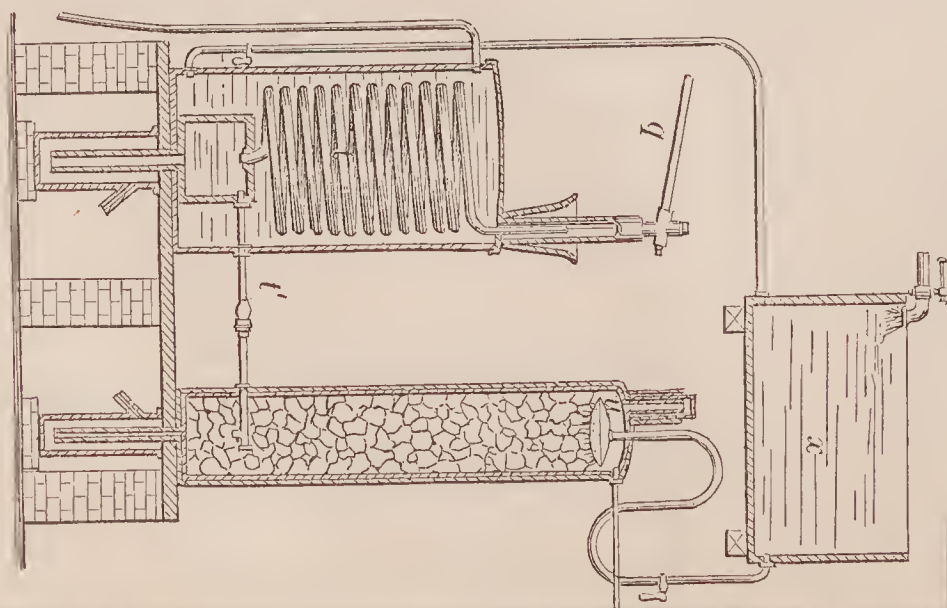
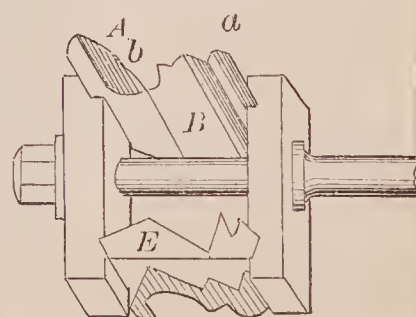
66272—T. D. Wright—Fly and Mosquito Bar for Windows.



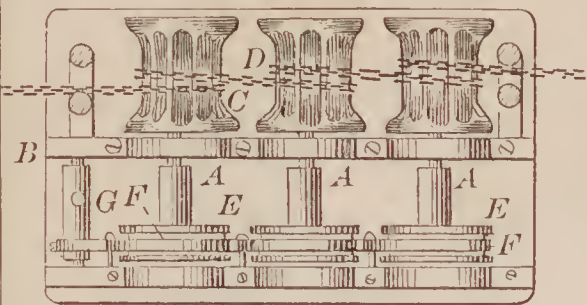
66274—T. A. Zellers—Manufacture of Glass.



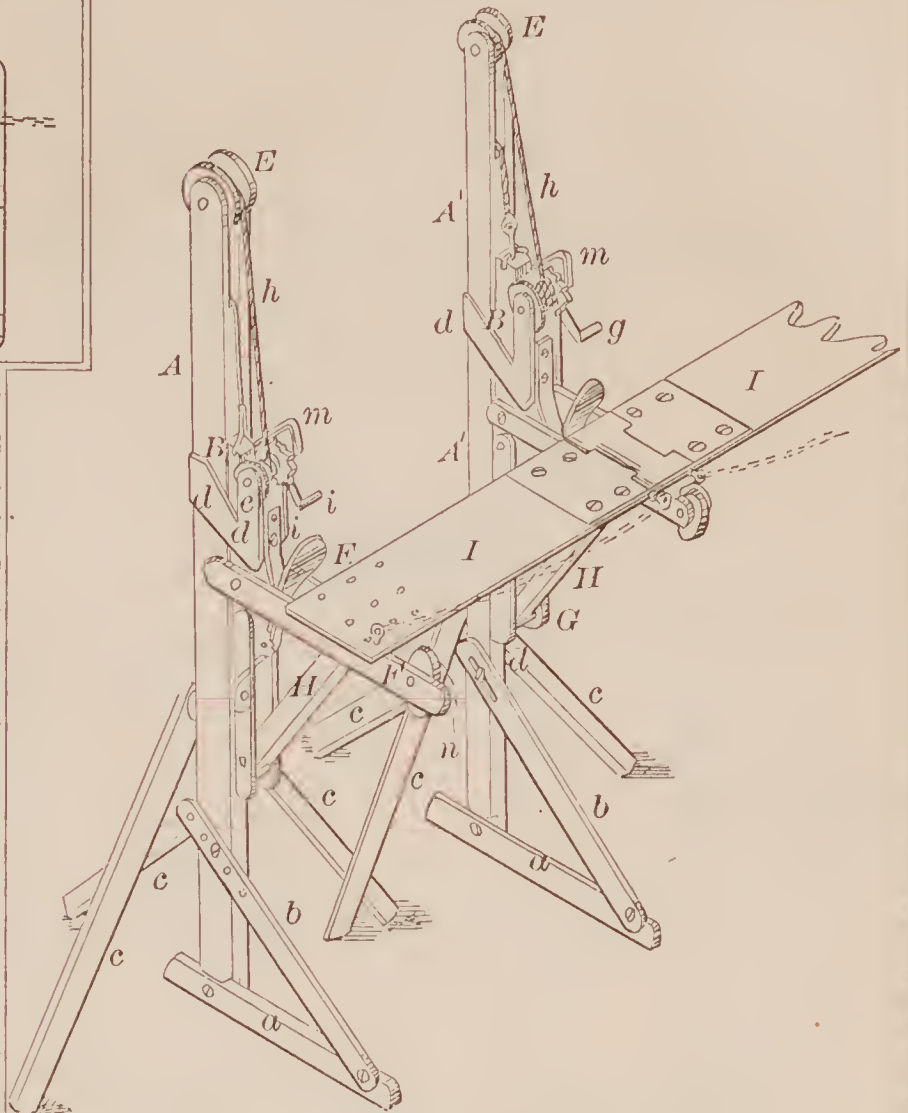
66270—T. A. Weber—Bottle Stopper.

66275—O. M. Alger—*Washing Machine.*66278—J. K. Andrews—*Lamp.*66277—J. H. Ames—*For Preparing Peat for Fuel.*66276—C. Allen—*Hanging and Ventilating Window Sash.*66281—J. Bain—*Vent Plug.*66279—H. A. Archereau—*For Preparing Oxygen.*66280—E. J. Arens—*Cutter for Planing Moulding.*

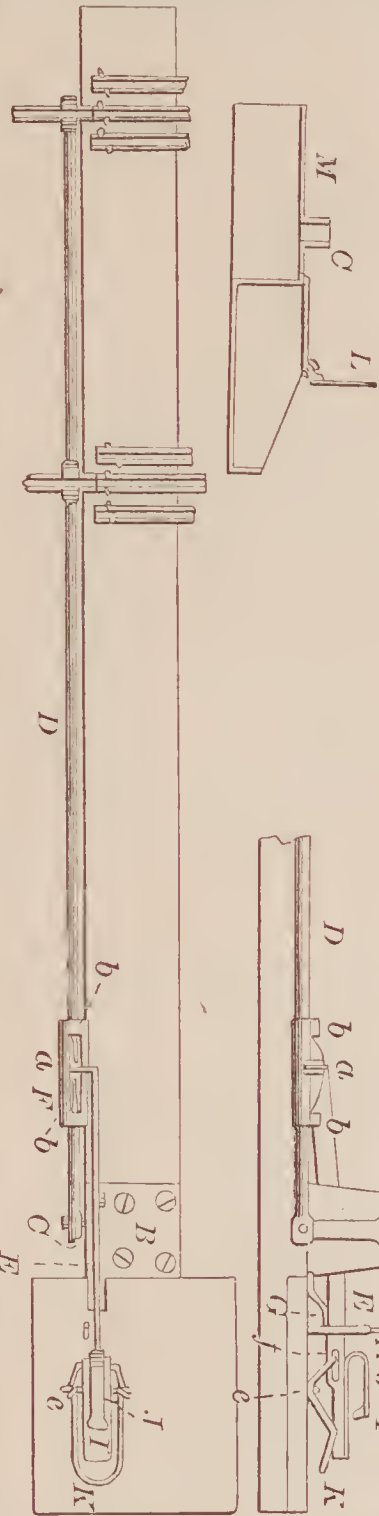
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and Chain Stopper.



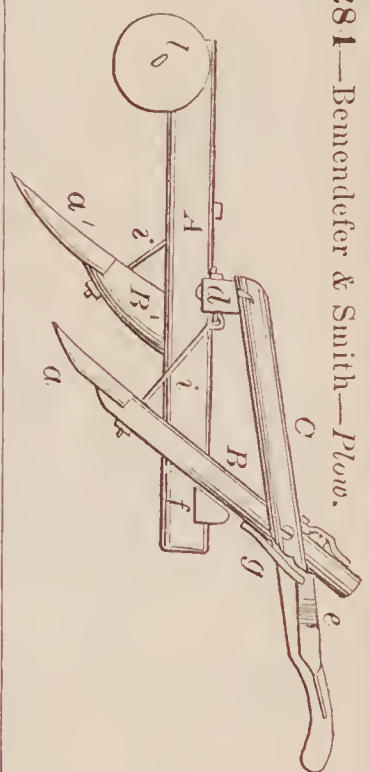
66286—B. Best—Scaffold.



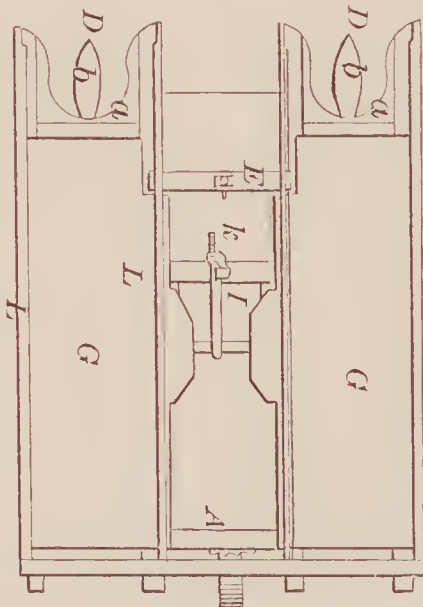
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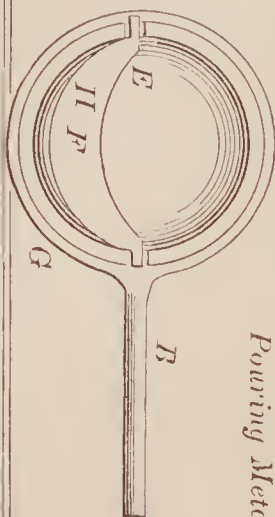
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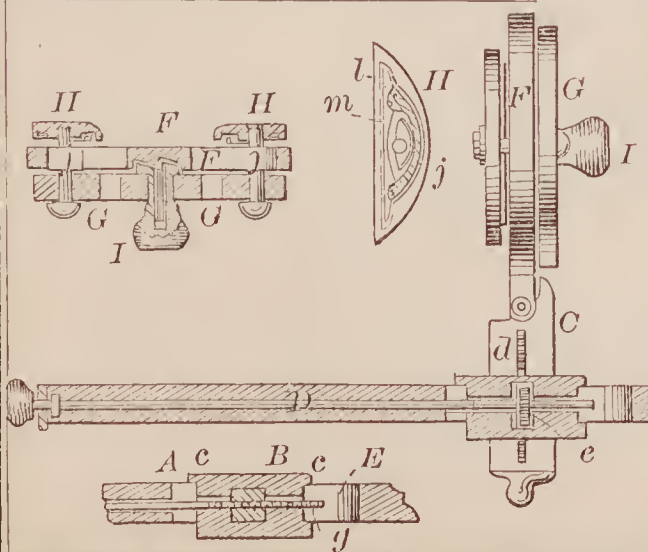
66287—H. Billharz—For Cutting Cornstalks.

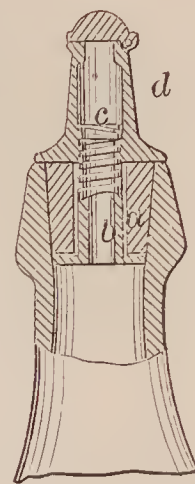
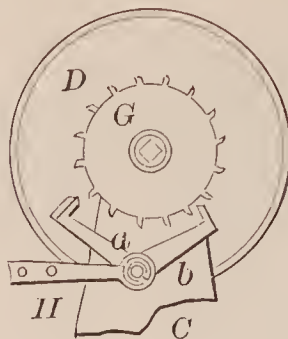
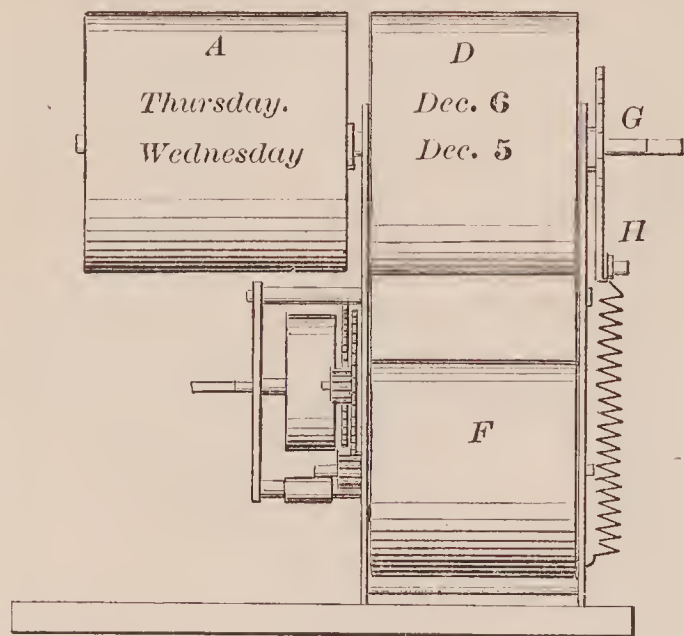
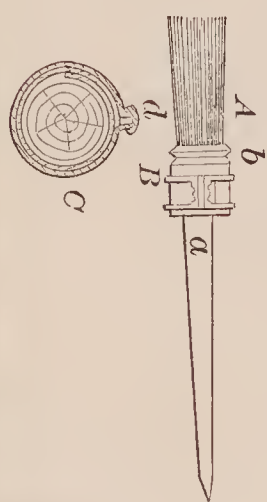
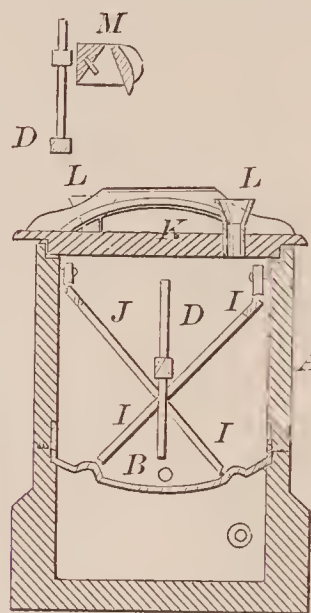
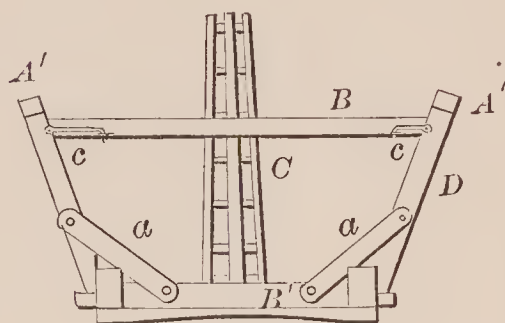
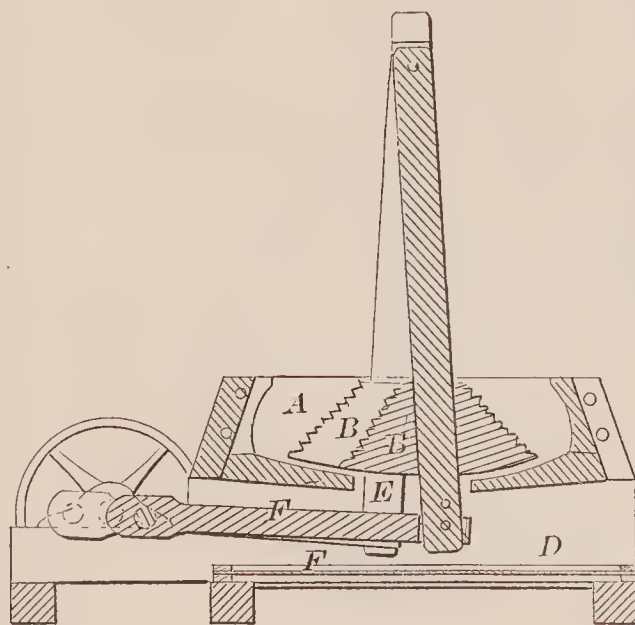
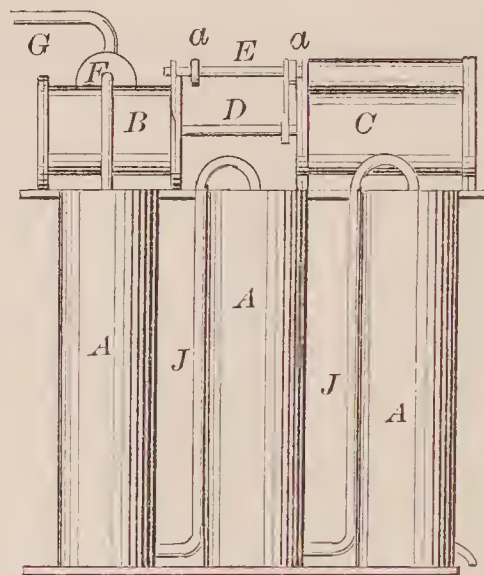
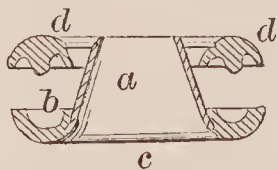
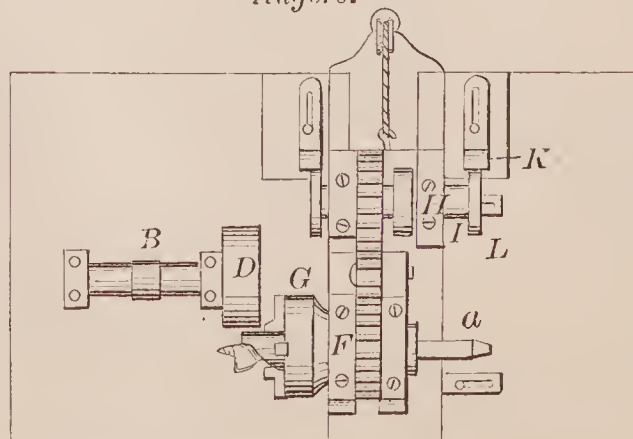
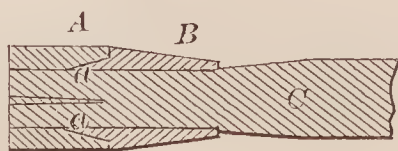


66285—H. W. Benton—Ladle for
Pouring Metal.

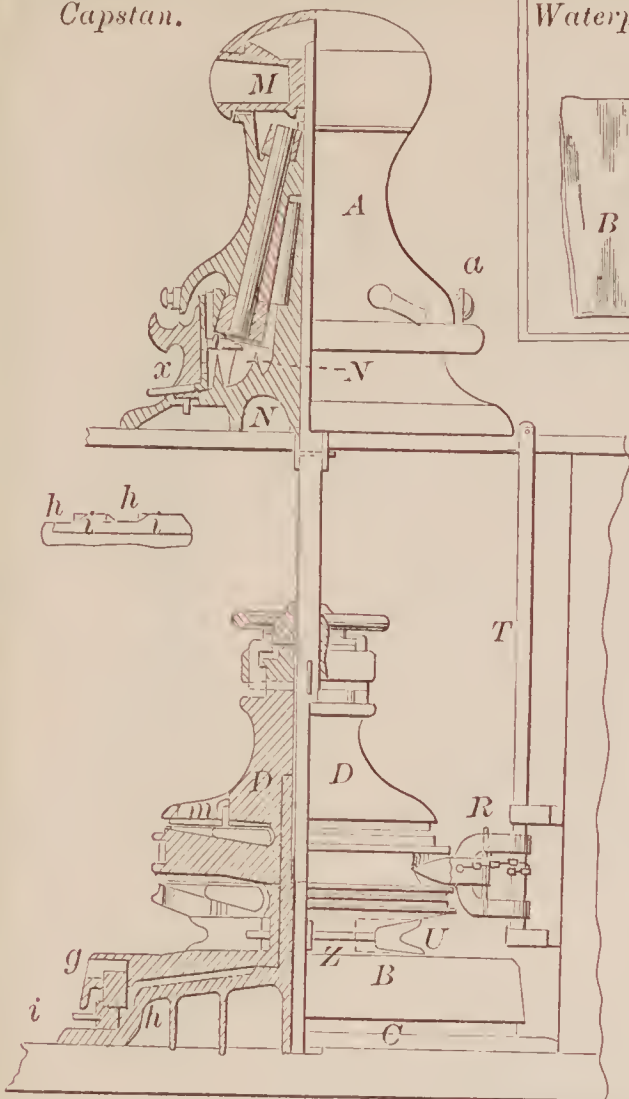


66288—W. D. Blackman—Photographic
Copying Board.

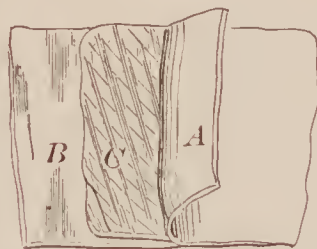


66289—A. Boardman—*Calendar for Clocks.*66290—R. F. Boomsides—*Bottle Stopper.*66291—J. D. Bonney—*Paint Brush.*66292—C. G. Boyer—*Hay Rack.*66295—J. F. Brown—*Churn.*66294—J. M. Brown—*For Cleaning and Softening Sheep Skins.*66293—C. N. Brock—*Pressure Filter.*66296—W. Brown—*Grommet.*66297—E. O. & E. Carrington—*For Cutting down Augers.*66298—H. Cheney—*Construction of Hammers.*

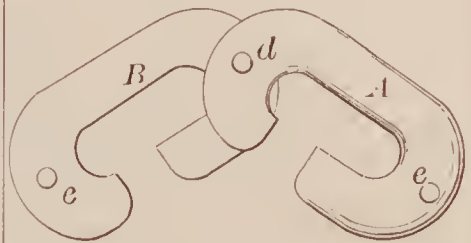
66299—D. N. B. Coffin, Jr.—*Capstan.*



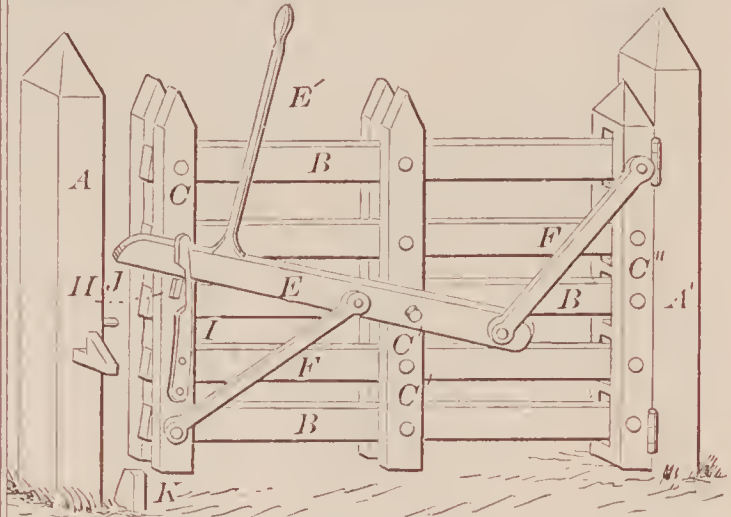
66302—L. M. Crane—*Waterproof Paper Fabric.*



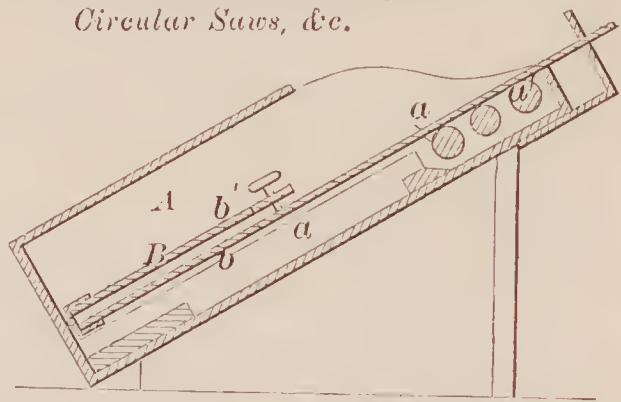
66303—R. Creuzbaur—*Connecting Link.*



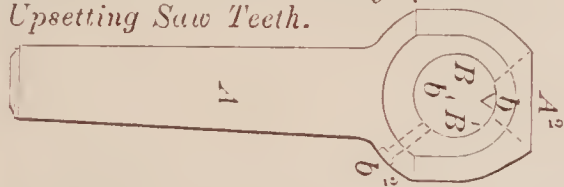
66300—A. W. Cox—*Farm Gate.*



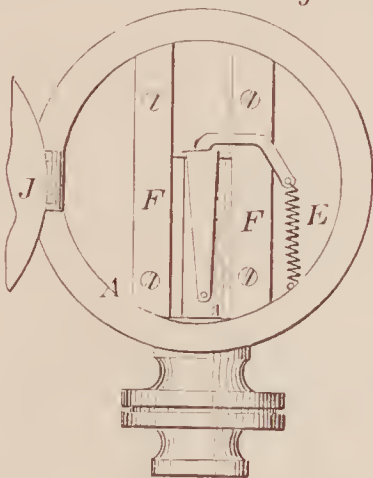
66305—J. Crookes—*Hardening Pan for Circular Saws, &c.*



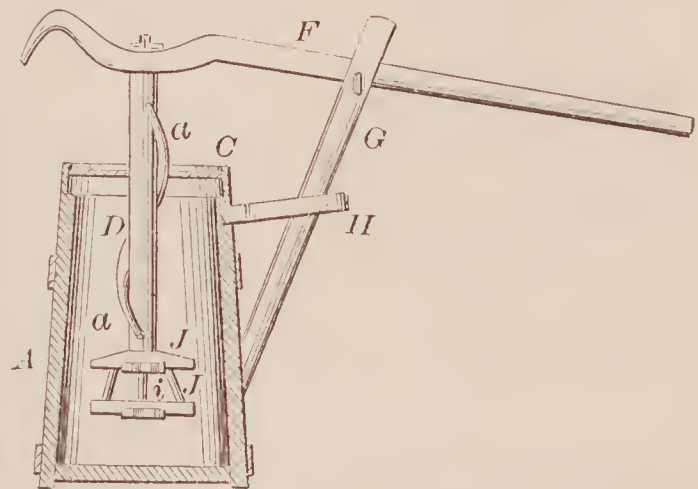
66304—J. Crookes—*Swage for Upsetting Saw Teeth.*



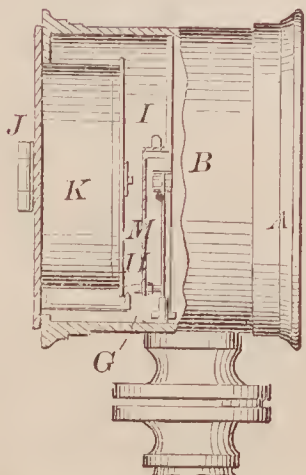
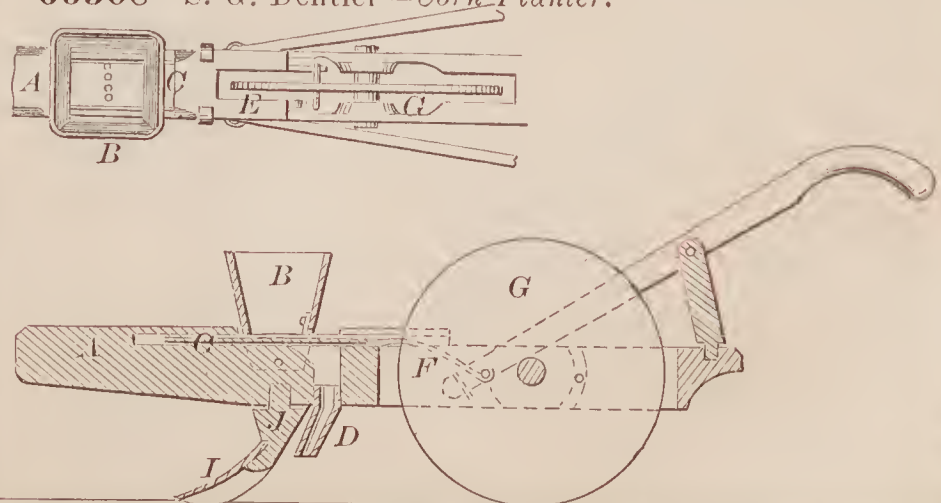
66307—D. P. Davis—*Registering Steam Gauge.*

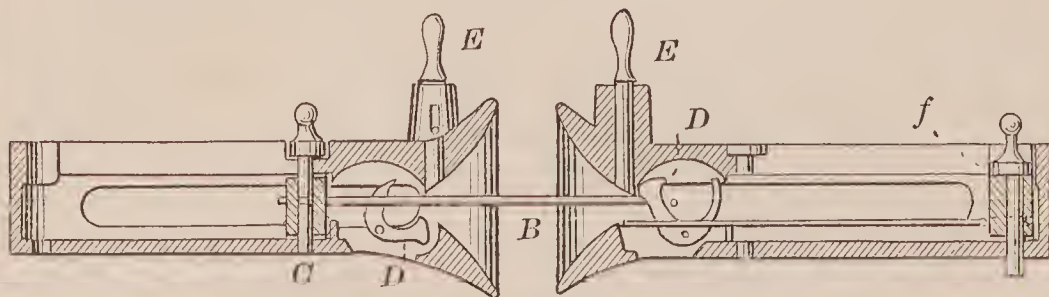
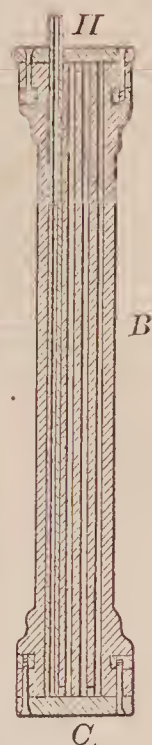
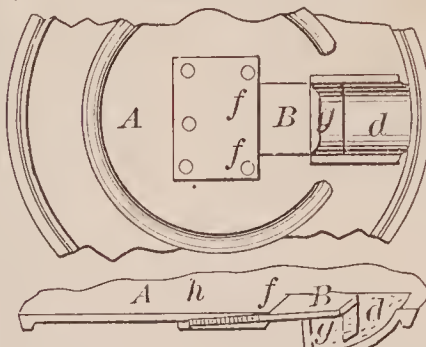
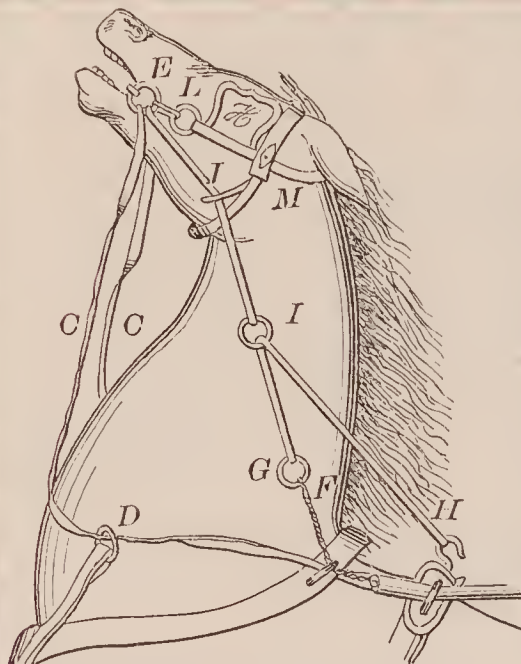
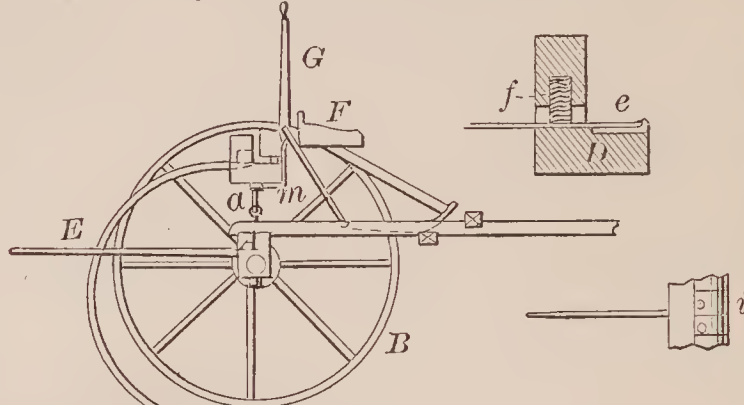
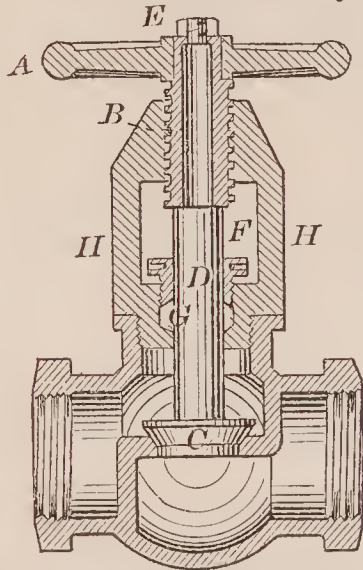
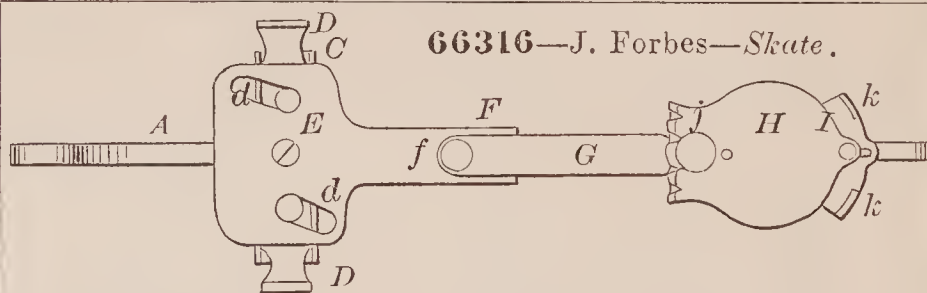
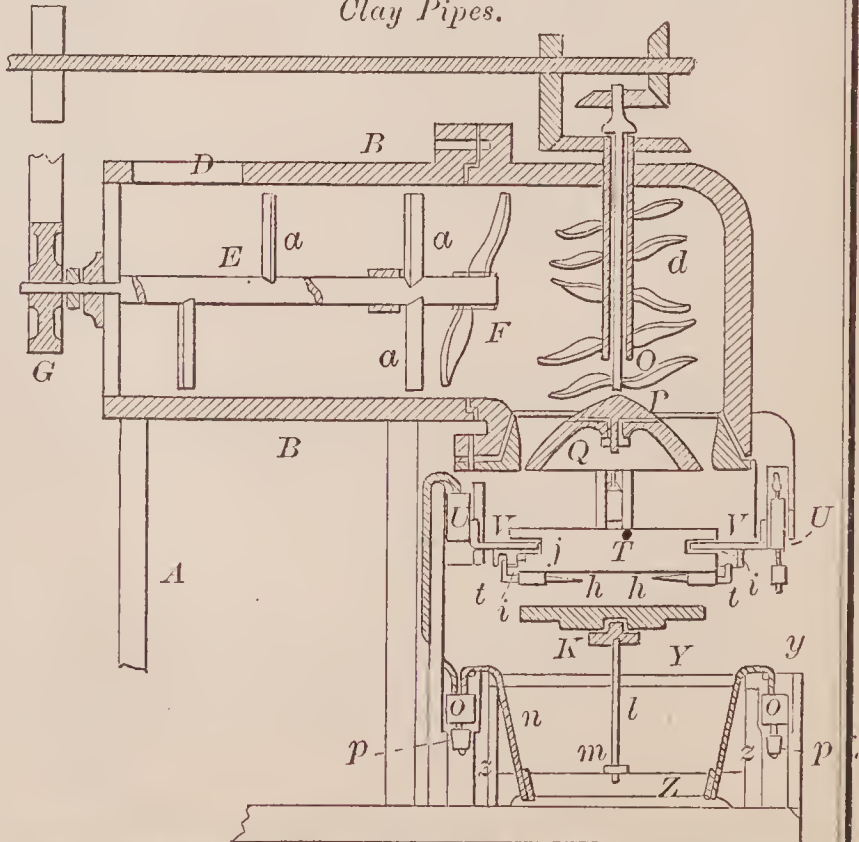
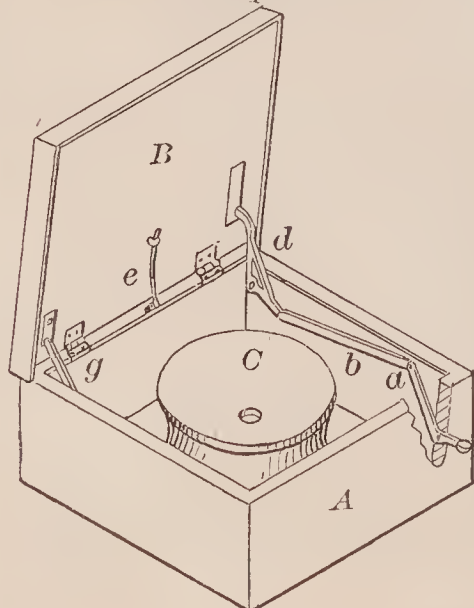


66306—J. Davison—*Churn.*

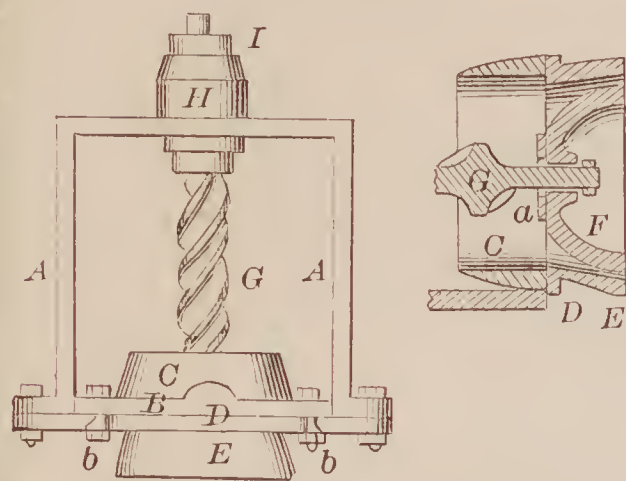


66308—S. G. Dentler—*Corn Planter.*

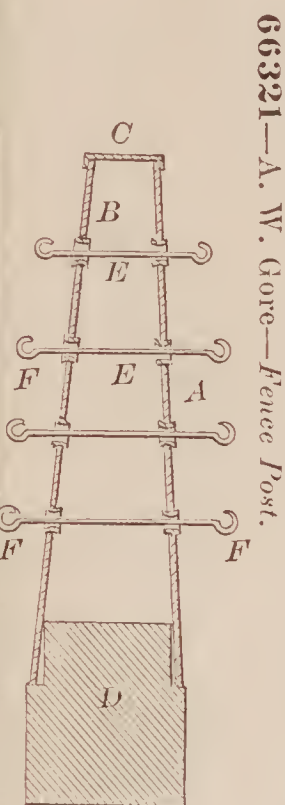
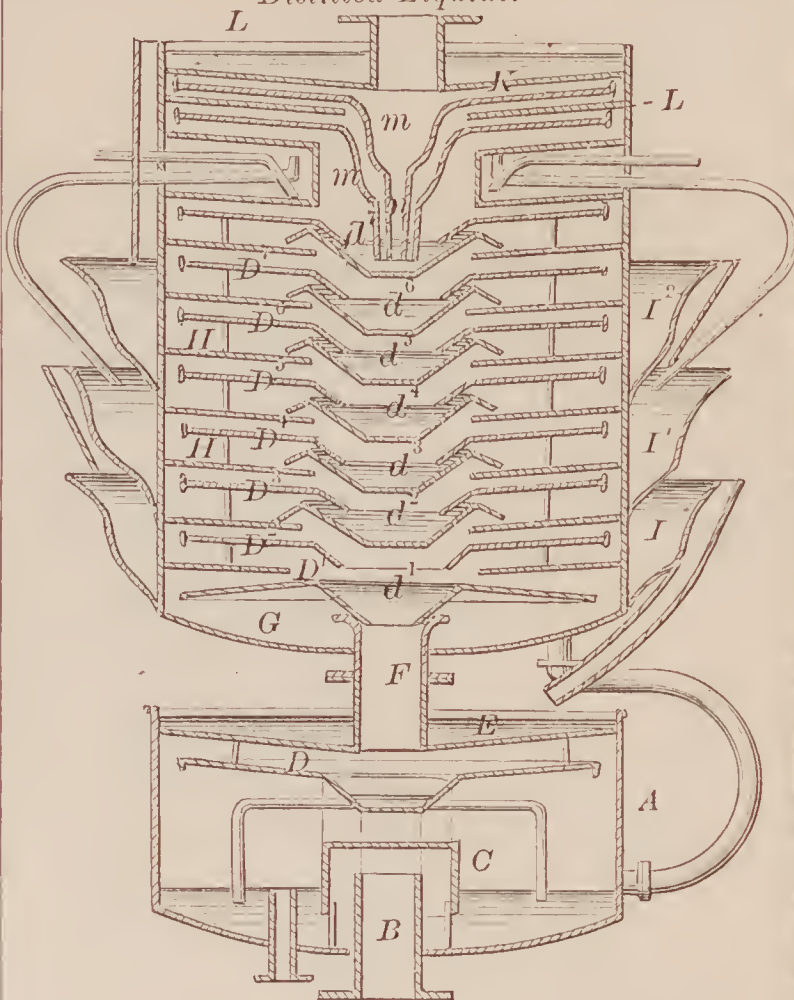


66309—Depeu & Hall—*Car Coupling.*66311—Donaldson & Quinn—*Steam Gauge.*66317—W. J. Fryer—*Pattern for Casting Pot Hole Covers.*66312—D. M. Donehoo—*Safety Bridle.*66314—Eberly & Hauck—*Horse Rake.*66318—J. J. French—*Globe Valve for Steam Engines.*66316—J. Forbes—*Skate.*66319—G. D. & H. A. Goodrich—*Manufacture of Clay Pipes.*66313—A. J. Doolittle—*Spittoon Envelope.*

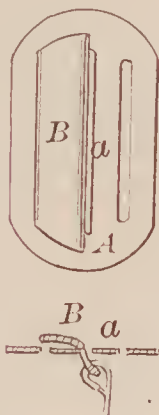
66320—H. A. Goodrich—*Manufacture of Clay Pipes.*



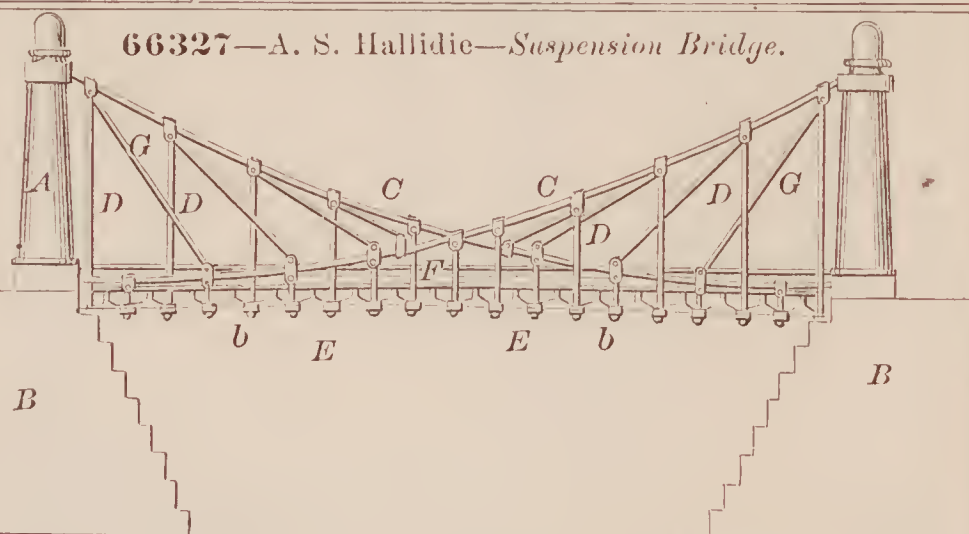
66323—Gresiuchna & Jarchow—*For Rectifying Distilled Liquids.*



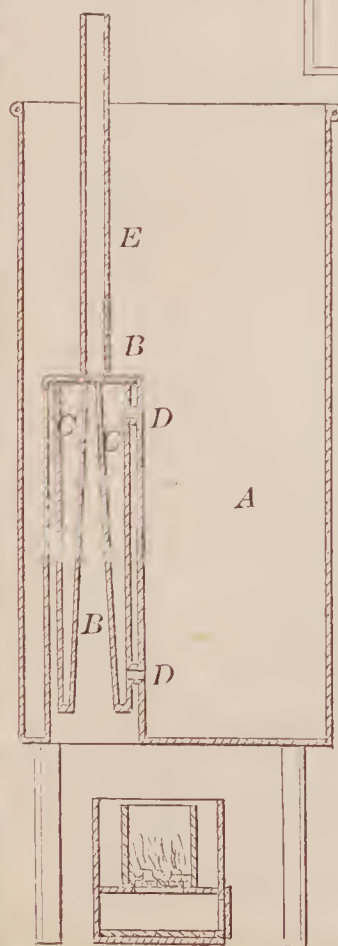
66321—A. W. Gore—*Fence Post.*



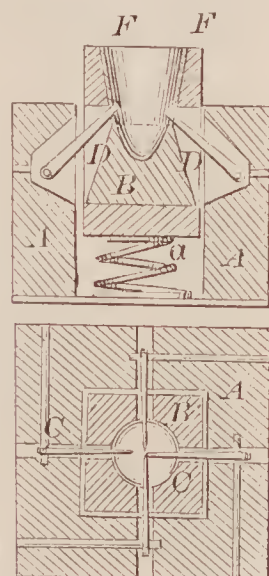
66324—H. C. Griggs—*Buckle.*



66327—A. S. Hallidie—*Suspension Bridge.*

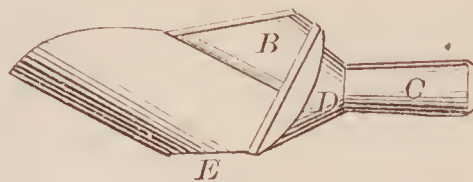


66329—C. A. Harper—*Boiler for Heating Water.*

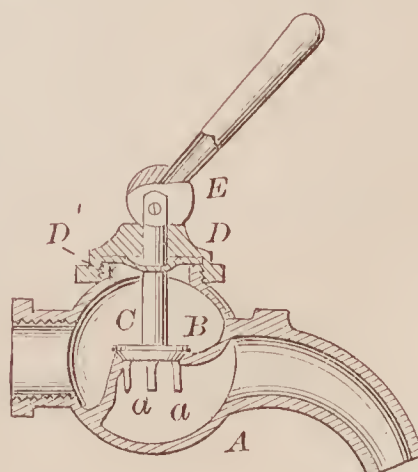


66325—O. Guinand—*For Perforating Cigars.*

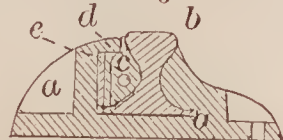
66322—D. N. Green—*Hand Scoop.*

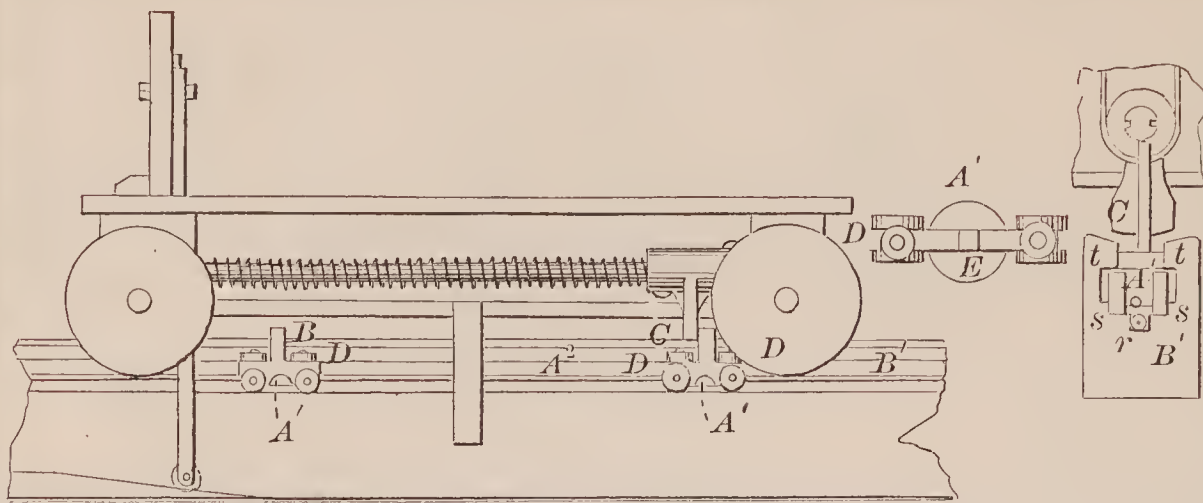
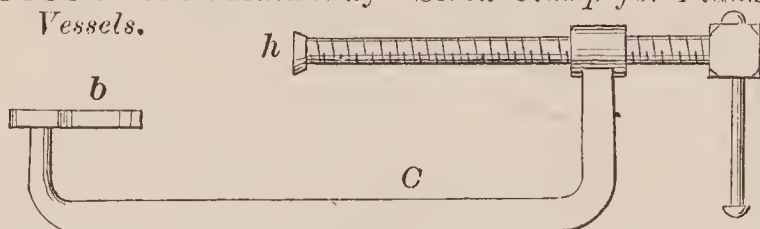
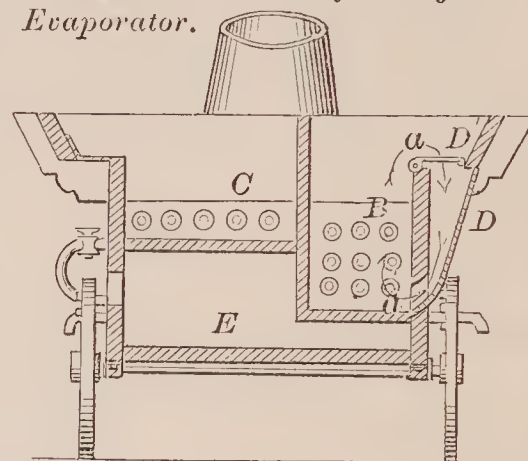
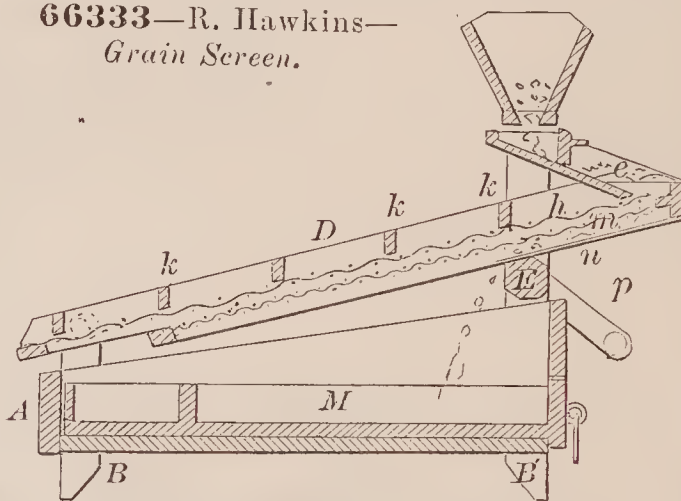
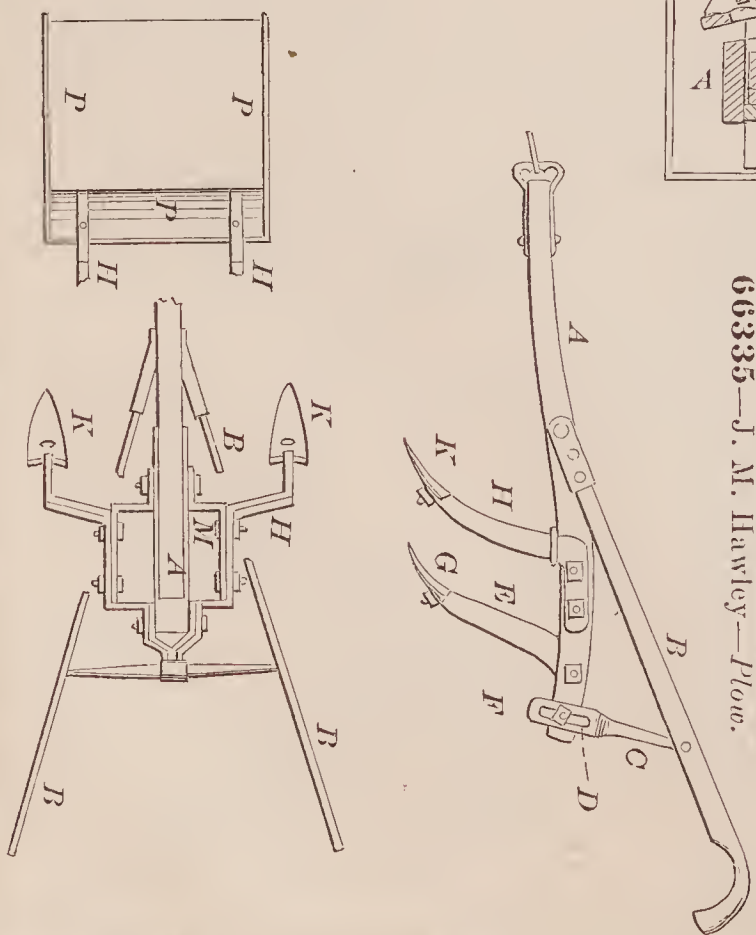


66326—G. D. Had'ey—*Stop Cock.*

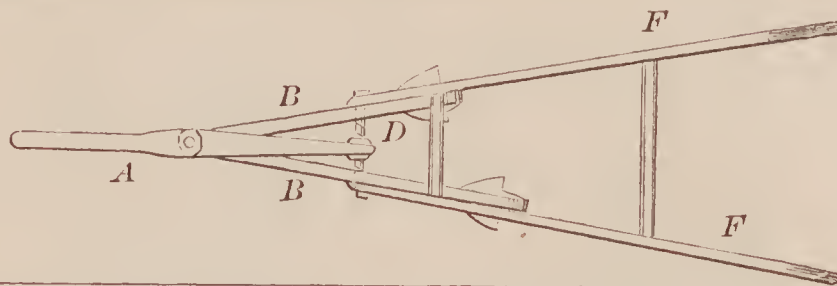


66328—T. C. Hargrave—*Railway Chair.*

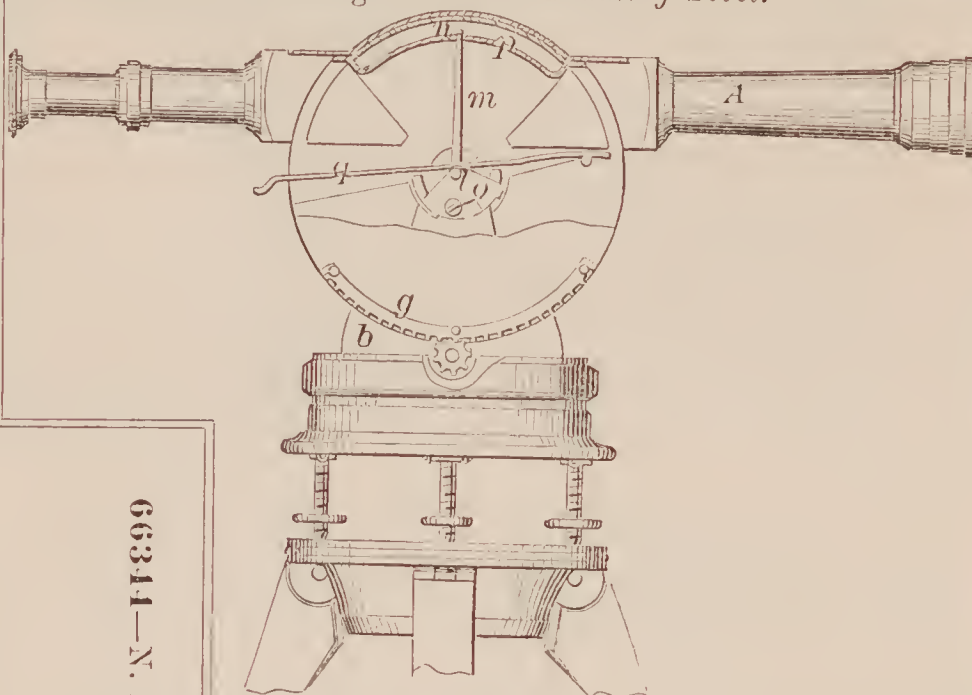


66330—C. T. Harvey—*Propelling Cable for Railroad Guides.*66331—H. A. Harvey—*Nail.*66332—J. D. Hathaway—*Screw Clamp for Planking Vessels.*66334—B. R. Hawley—*Sorghum Evaporator.*66336—J. Hazen—*Beehive.*66333—R. Hawkins—*Grain Screen.*66337—L. Heath—*For Detecting Counterfeited Bank Notes, &c.*66335—J. M. Hawley—*Plow.*

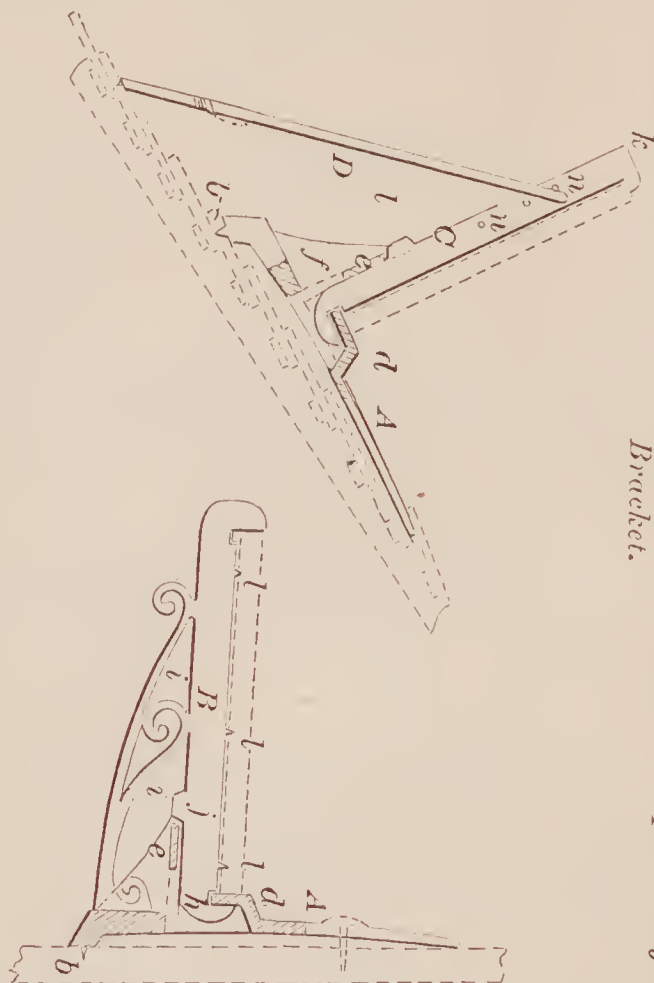
66340—S. H. Herrick—*Cultivator*.



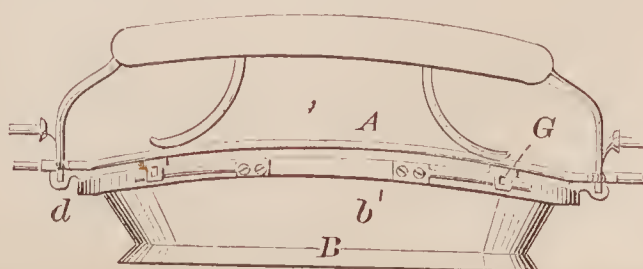
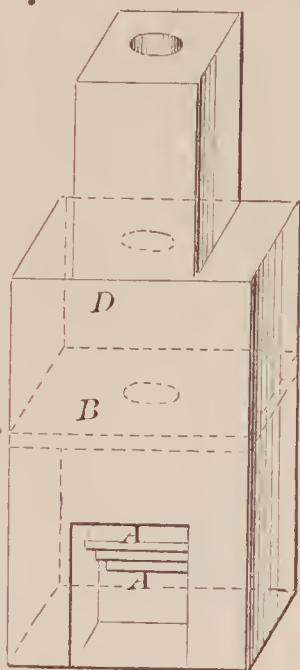
66342—N. Hollingsworth—*Graduating Level.*



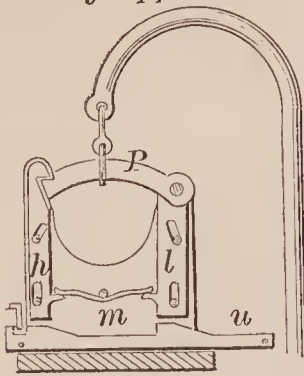
66311—Holden, Mooers, Stratton & Reynolds—*Clypeobourding*
Brachet.



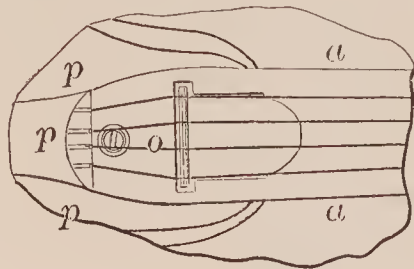
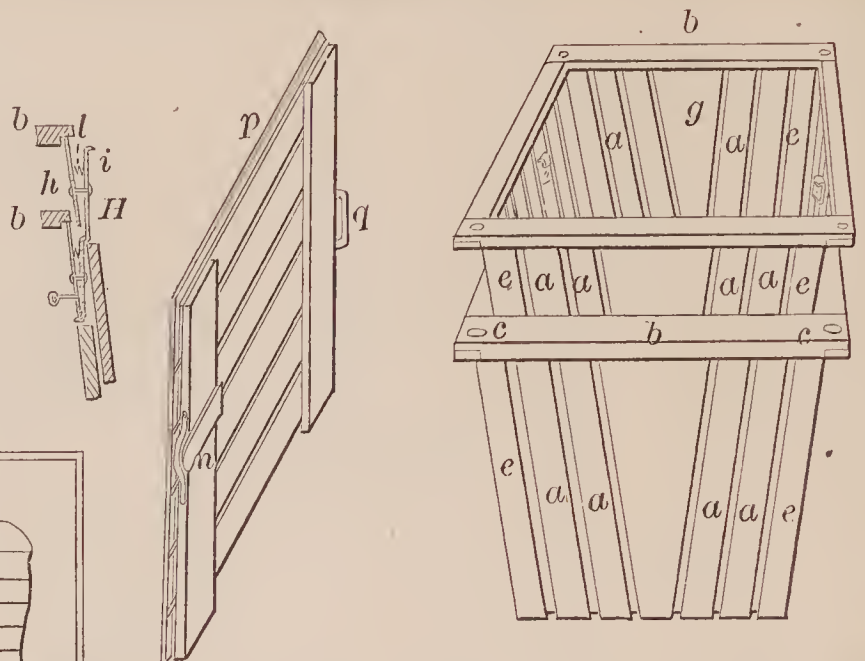
66343—H. F. Holt—*Shifting Rail for Carriages.*

66339—J. Reed—*Chimney.*66341—N. Hough—*Railroad Gate.*

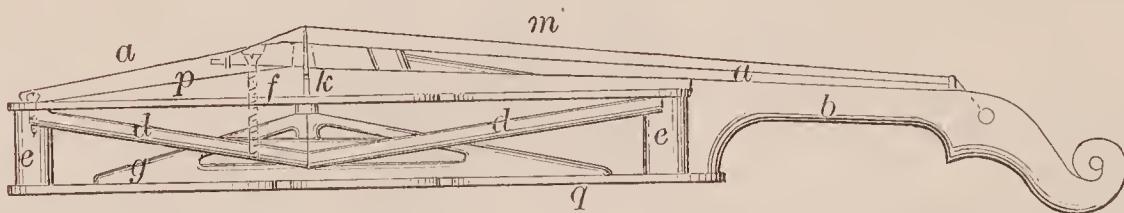
66345—W. H. Houston—*Boat Detaching Apparatus.*



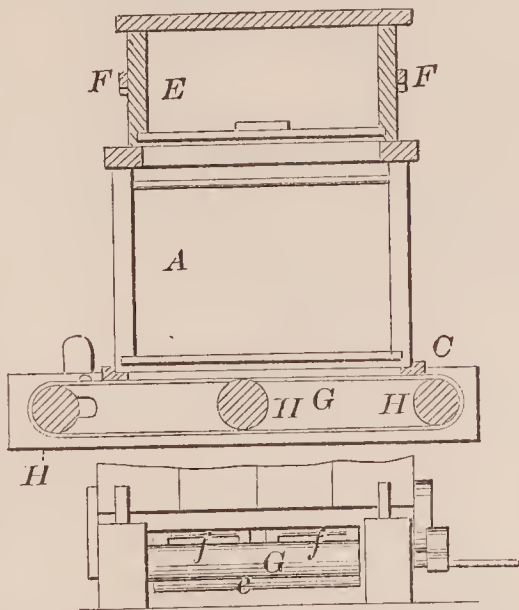
66346—W. Huey—*Fruit Box.*



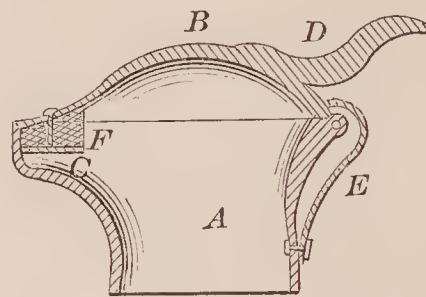
66347—G. H. Hulskamp—*Violin.*



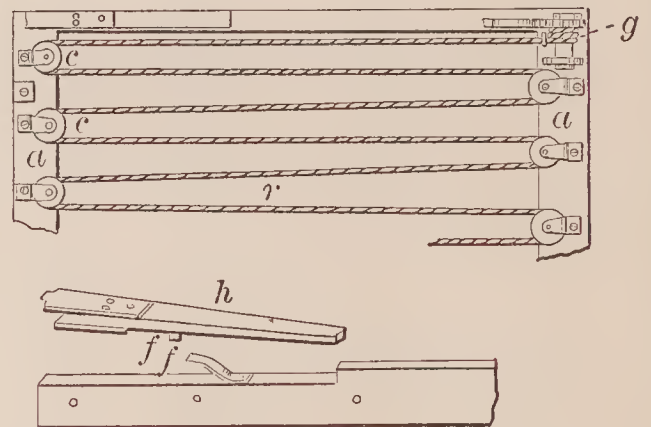
66348—S. Hutchinson—*Beehive.*



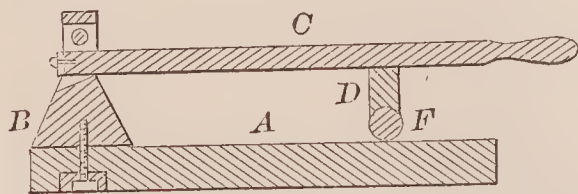
66349—Hyslop & Phillips—*Syrup Pitcher.*



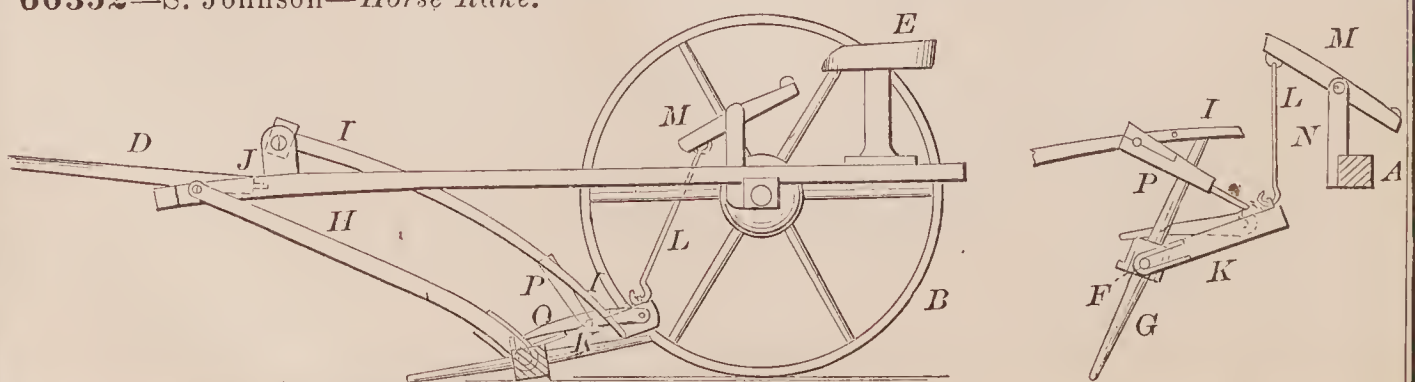
66350—W. B. Ingersoll—*Bed Bottom.*



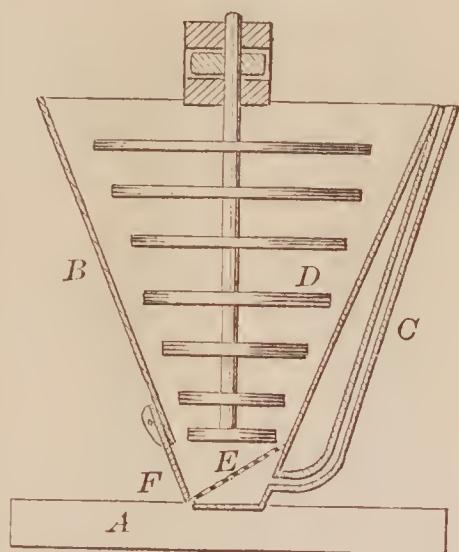
66351—C. C. Johnson—*Dough Kneader.*



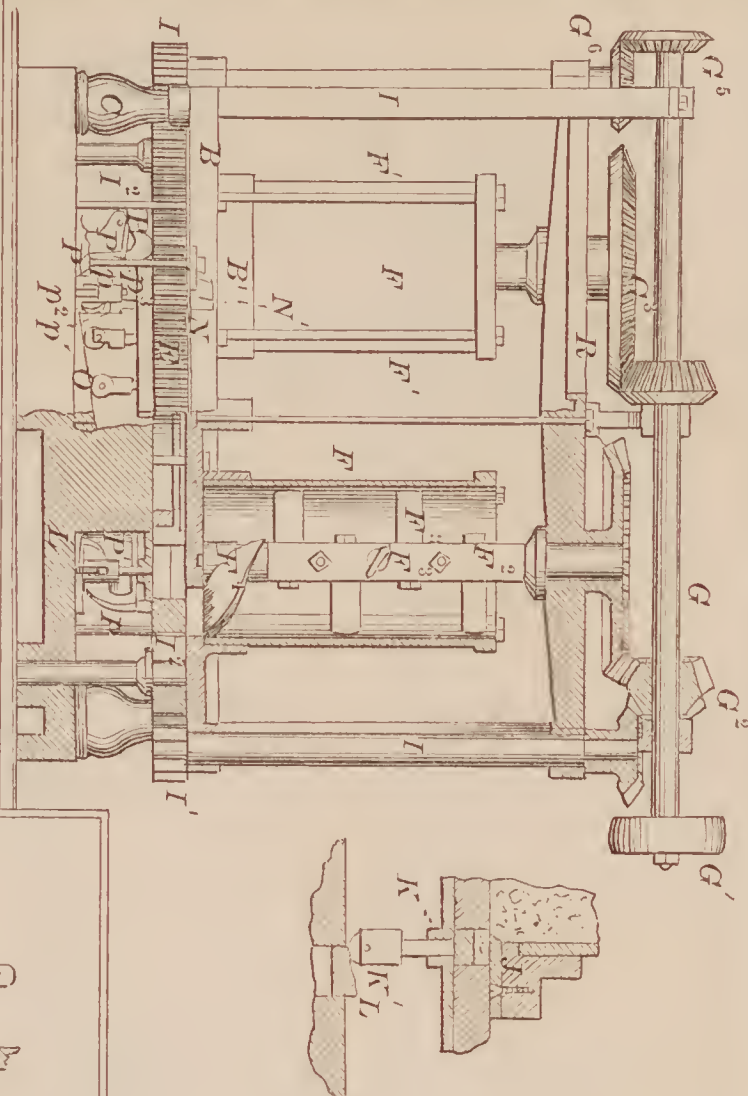
66352—S. Johnson—*Horse Rake.*



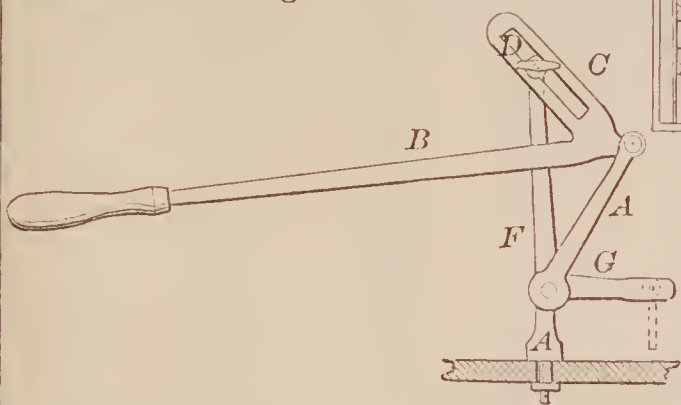
66353—Joy & Campbell—*Bleaching Paper Pulp.*



66355—P. H. Kells—*Brick Machine.*



66360—N. King—*Throttle Valve Gear.*



66358—H. Kewley—*For Digging Potatoes.*

Fig. 3

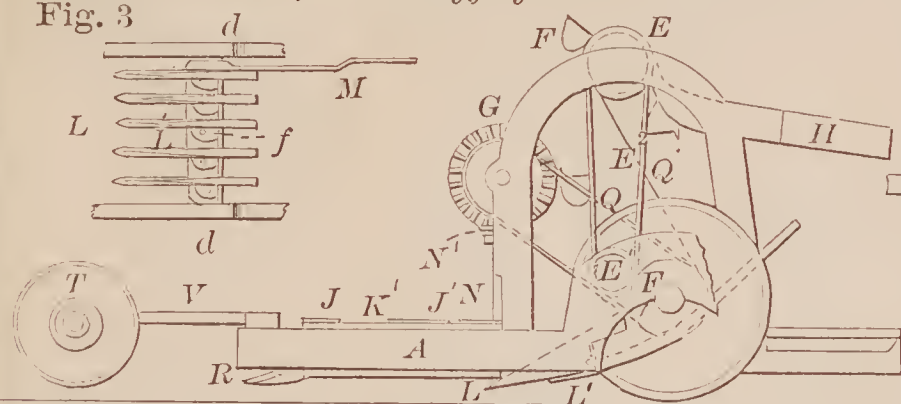


Fig. 6

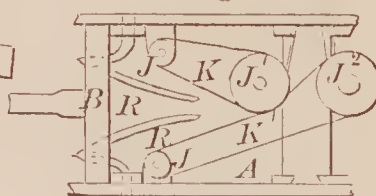
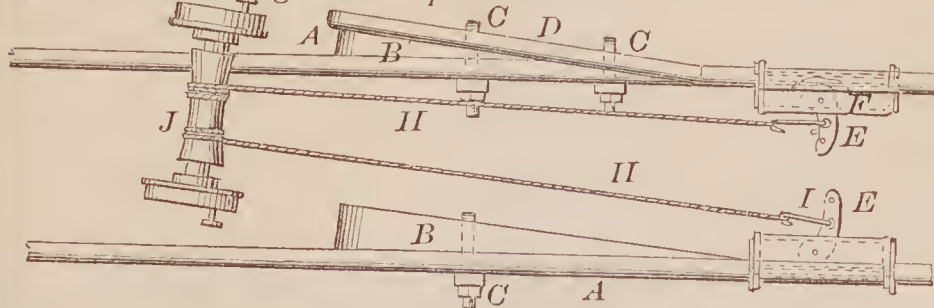


Fig. 7



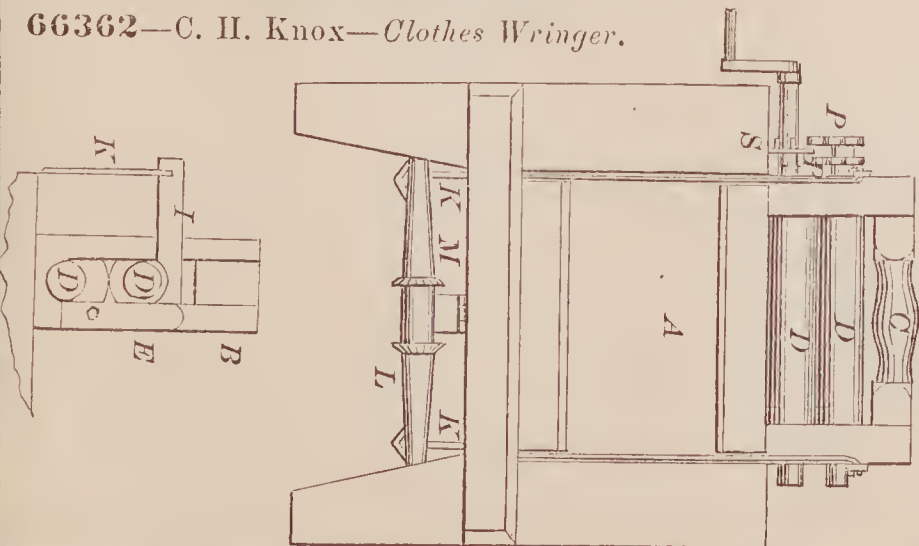
66359—C. King—*Car Replacer.*



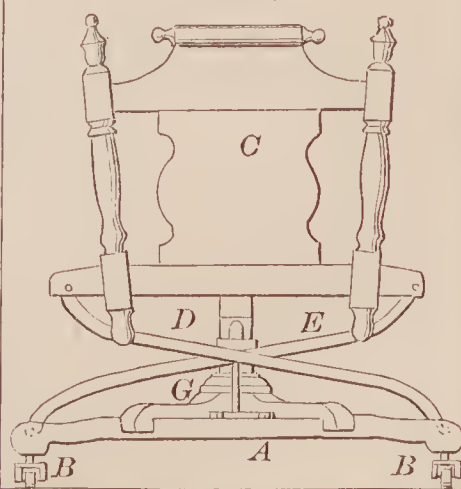
66354—H. N. Keables—*Gear Cutter.*

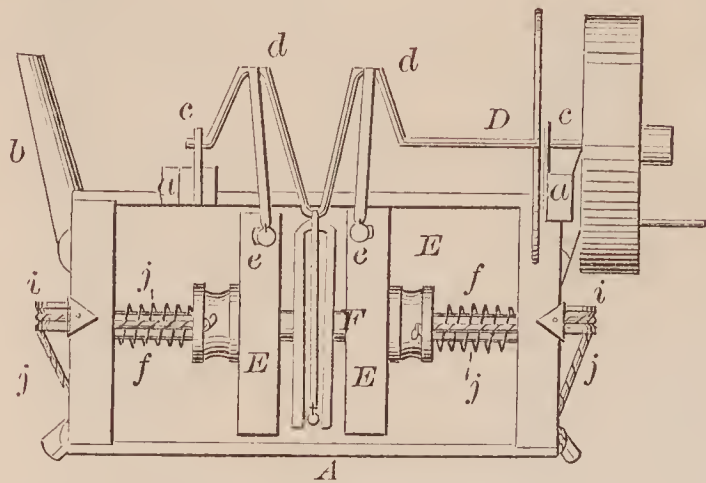
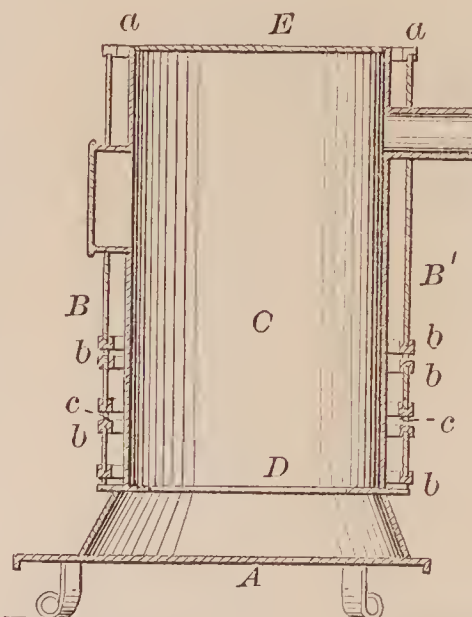
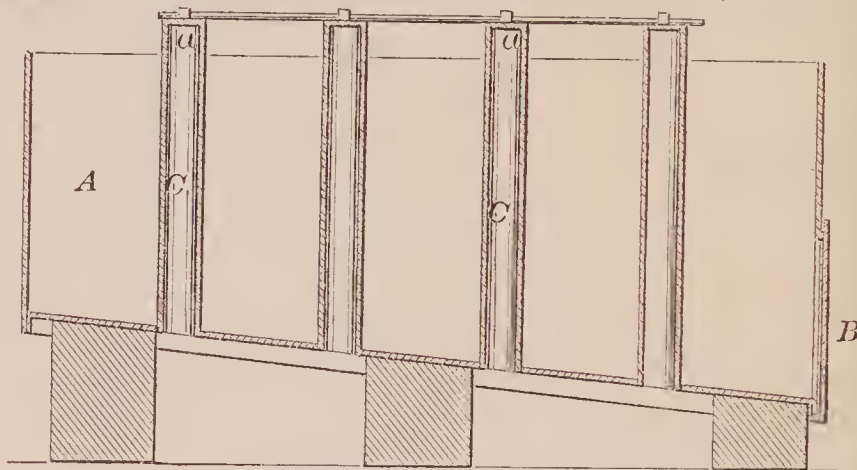
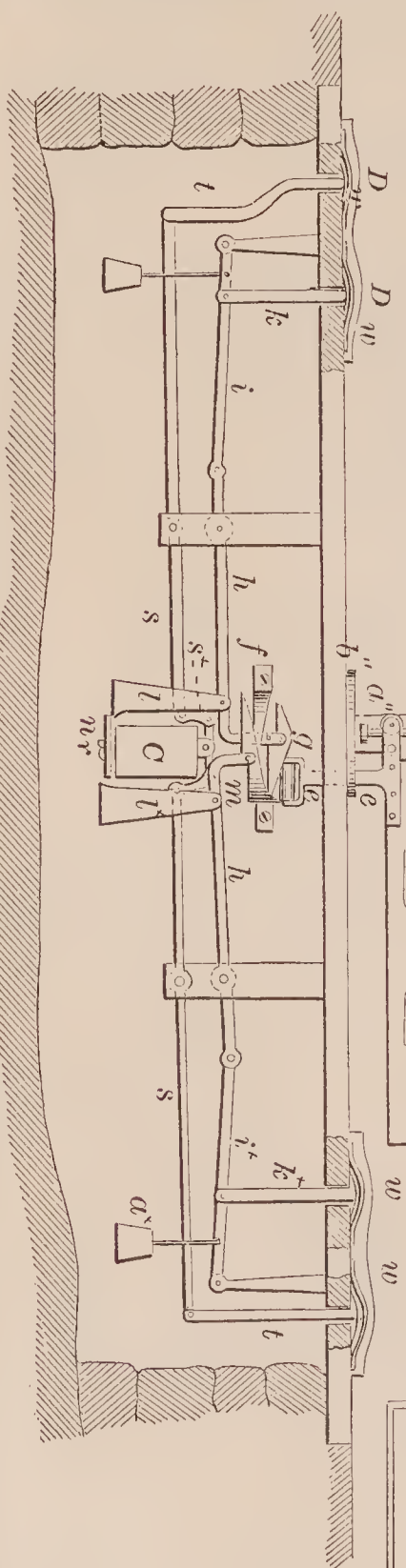
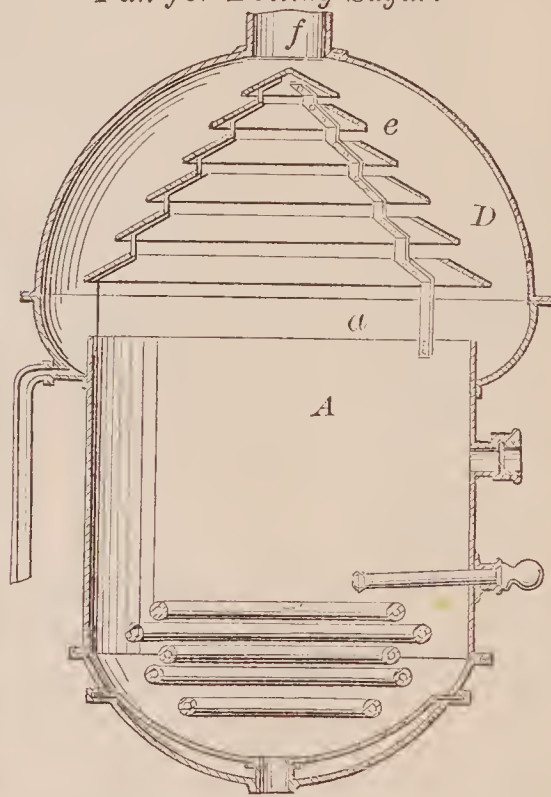
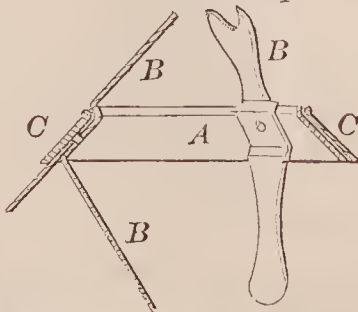
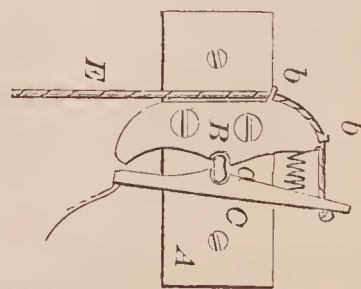


66362—C. H. Knox—*Clothes Wringer.*

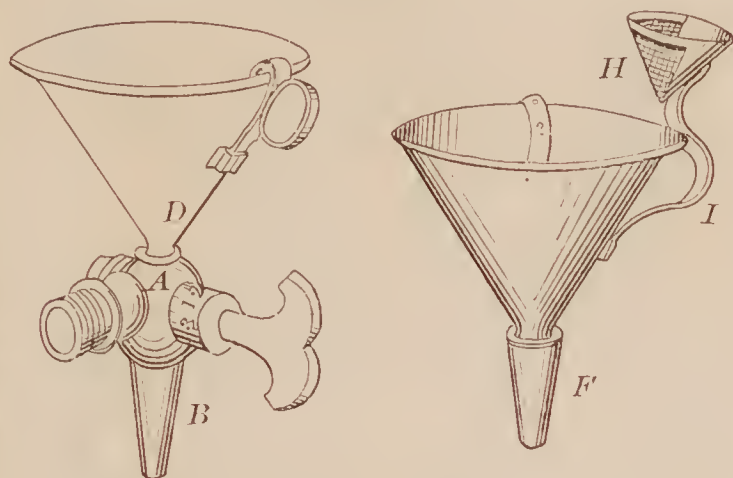


66361—S. W. Knowles—*Cradle.*

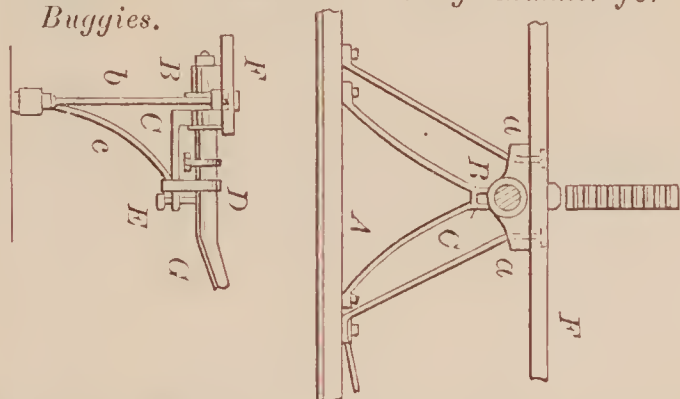


66363—I. A. Livingston—*Washing Machine.*66365—A. H. Lowell—*Soapstone Stove.*66369—F. O. Matthiessen—*Sugar Crystallizing Tank.*66368—E. A. Matthiessen—*Gate.*66370—F. O. Matthiessen—*Vacuum Pan for Boiling Sugar.*66366—J. J. Marey—*Lamp Shade Clasp.*66367—A. C. Mason—*Clamp for Suspending Whips.*

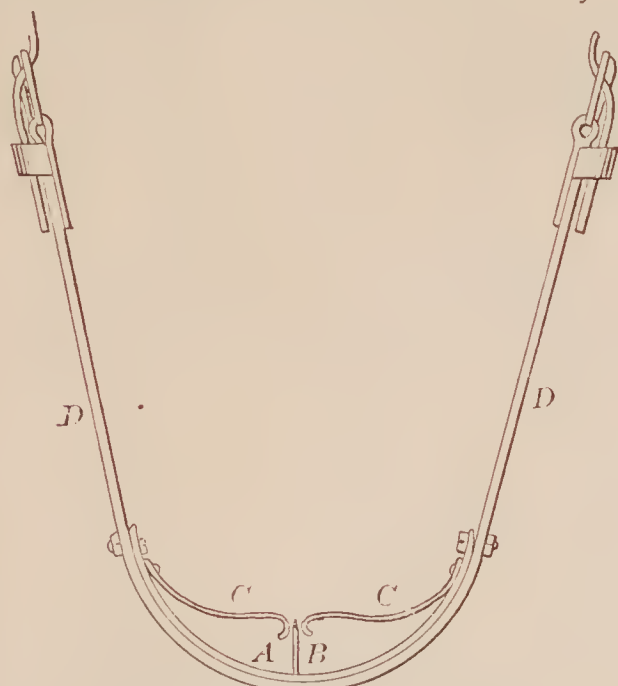
66371—G. W. McCann—*Measure, Funnel and Faucet.*



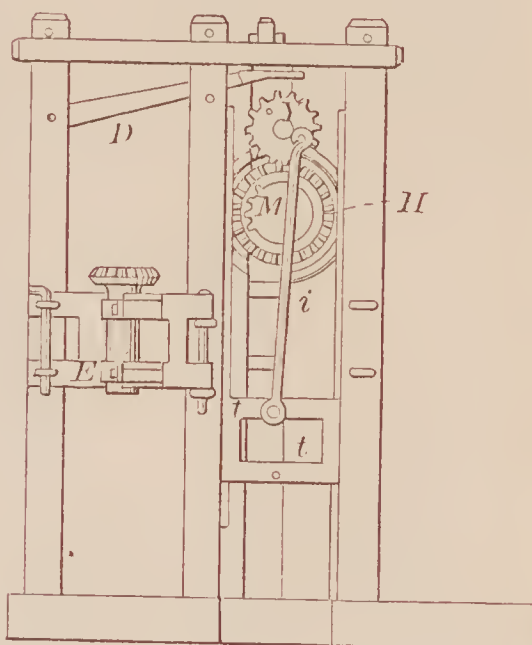
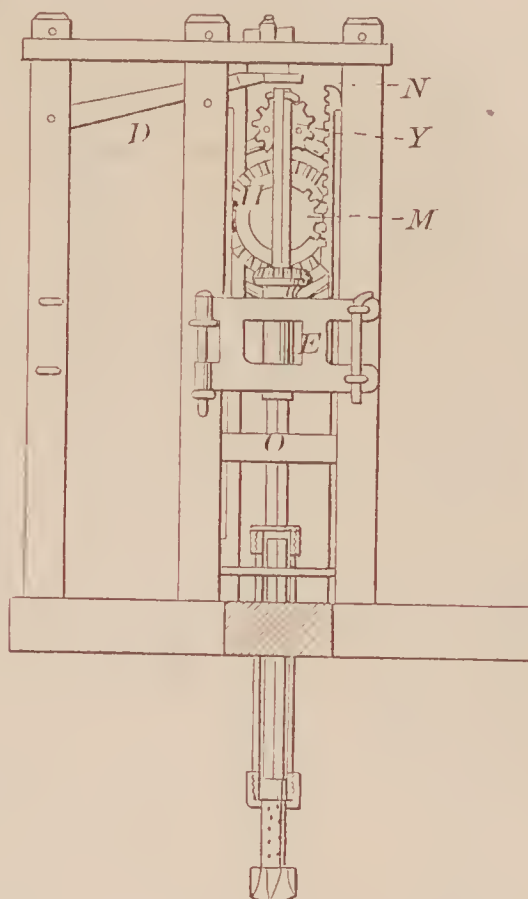
66373—J. S. McIntire—*Sleigh Runner for Buggies.*



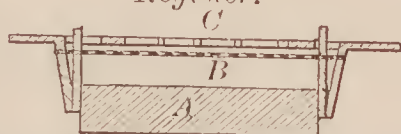
66375—G. W. Metcalfe—*To Cure Horses of Cribbing.*



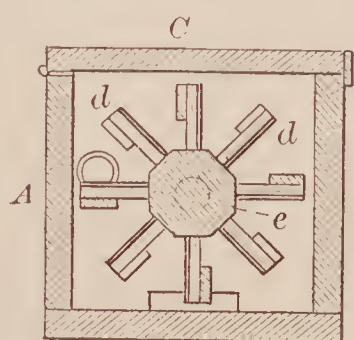
66372—M. T. McCormick—*Drilling and Pumping Apparatus.*



66374—J. McLaughlin—*Register.*



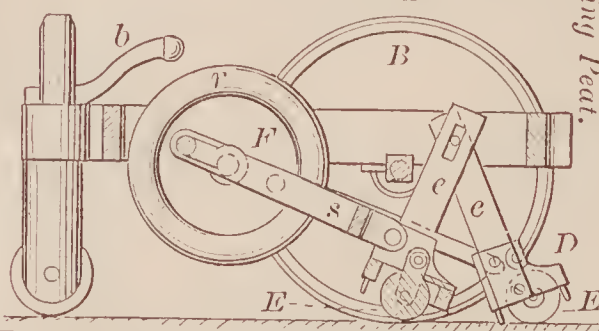
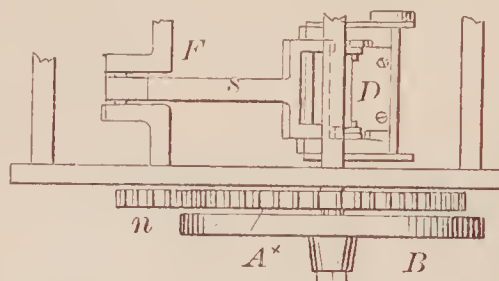
66377—Morillon & Naquin—*For Treating Cane Juice with Sulphurous Acid Gas.*



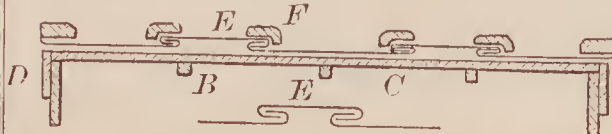
66380—Parker & Copeland—*Drain for Waste Water.*



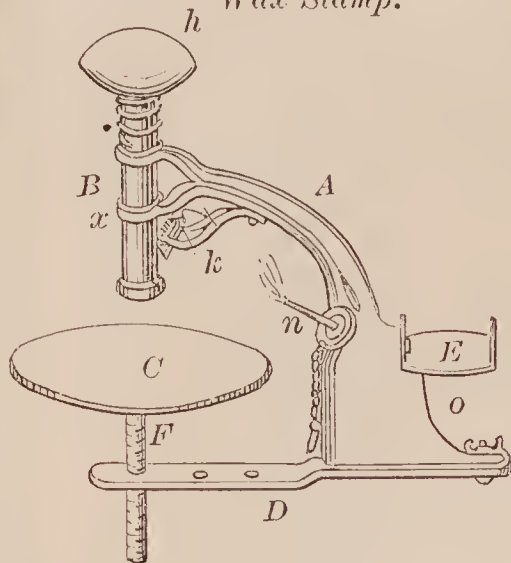
66376—A. Michelbacher—*For Disintegrating Peat.*



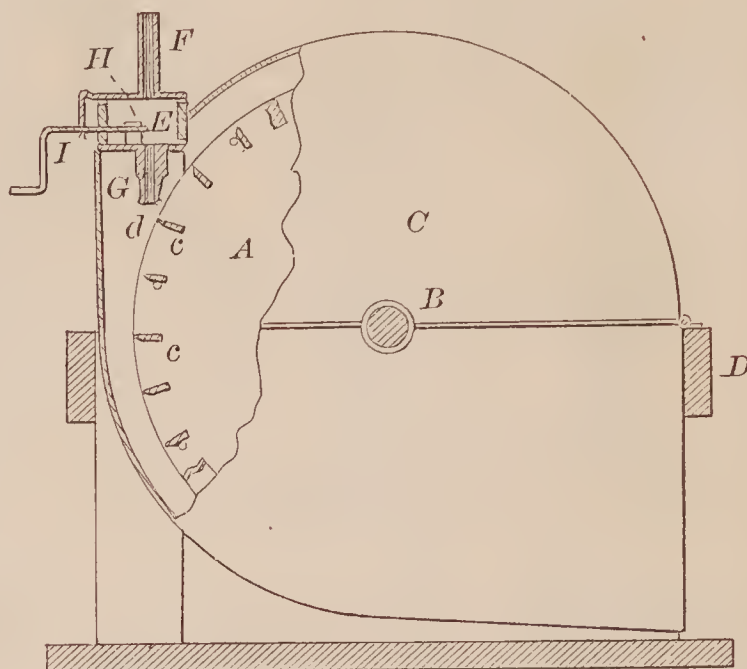
66379—J. Palmer—*Railroad Car Roof.*



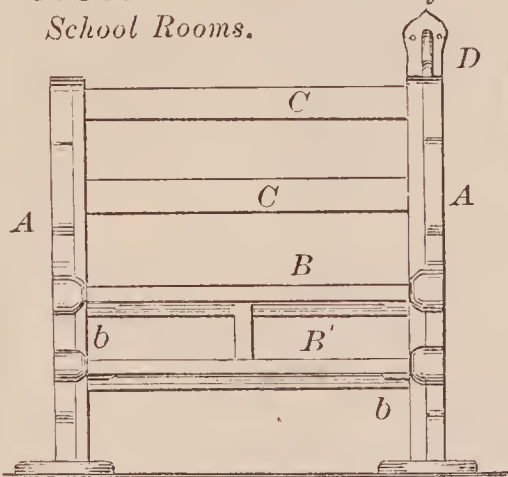
66381—J. H. Parsons—*Sealing Wax Stamp.*



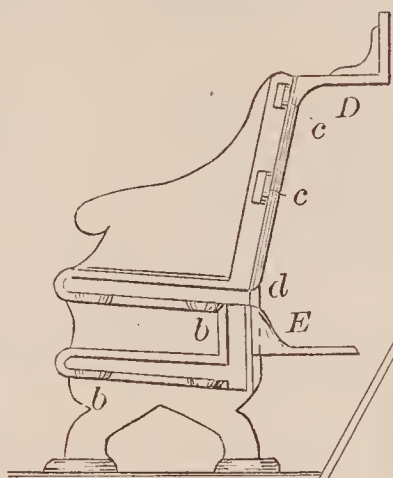
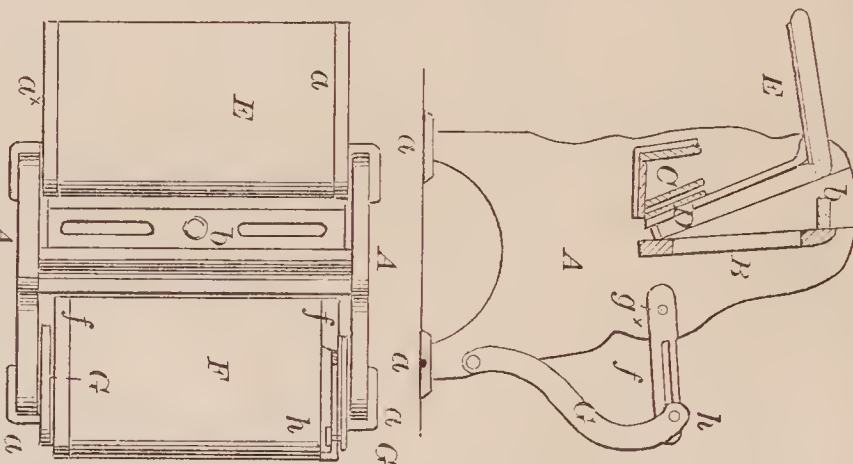
66382—T. Pattinson—*Water Wheel.*



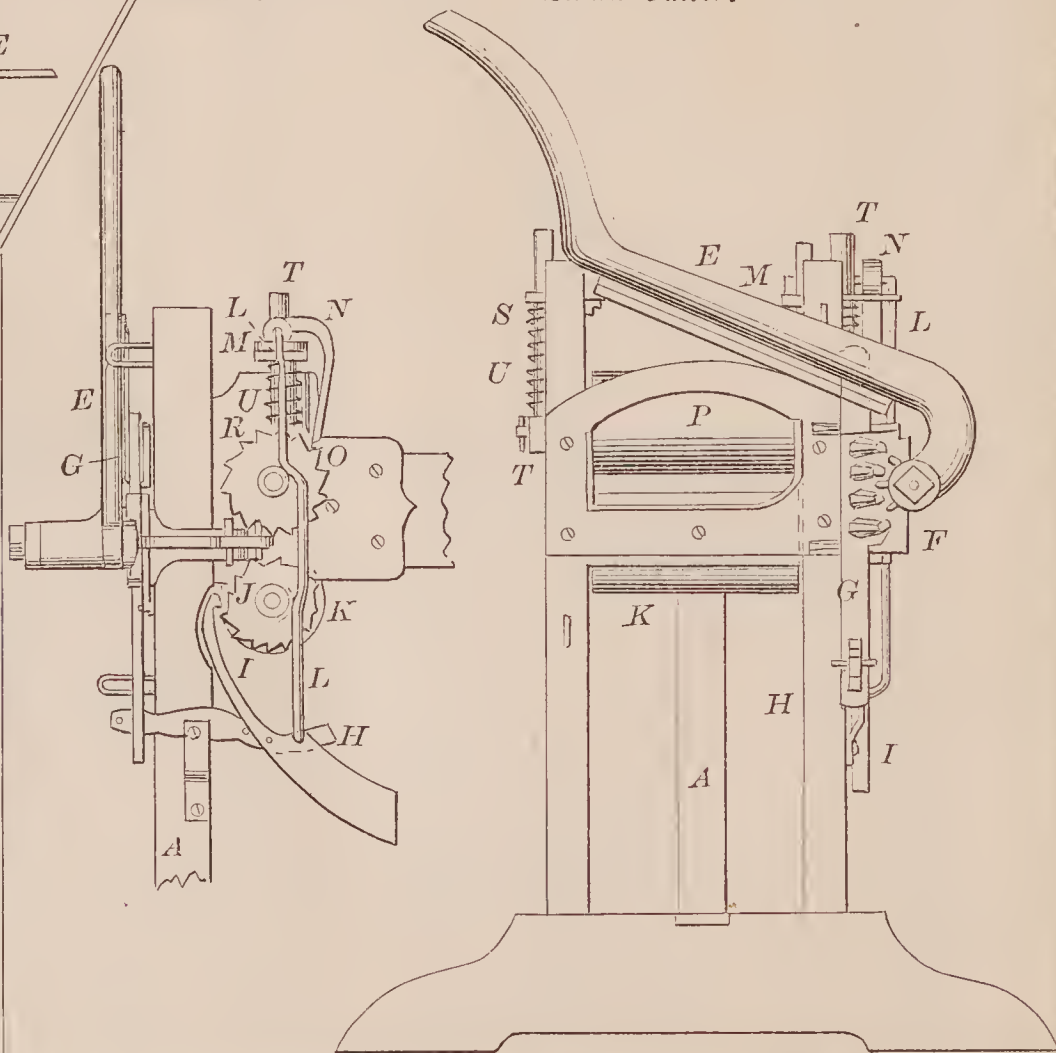
66383—J. Peard—*Settee for School Rooms.*



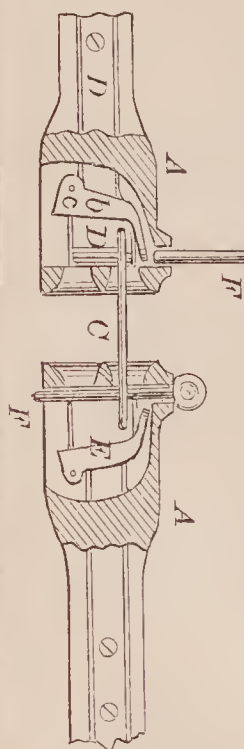
66384—J. Peard—*School Settee and Desk.*



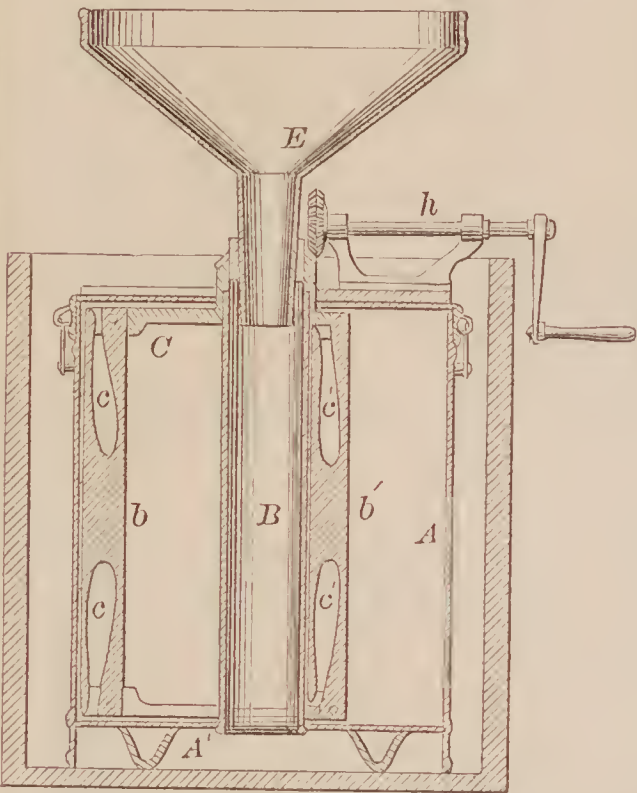
66386—S. Pettibone—*Straw Cutter.*



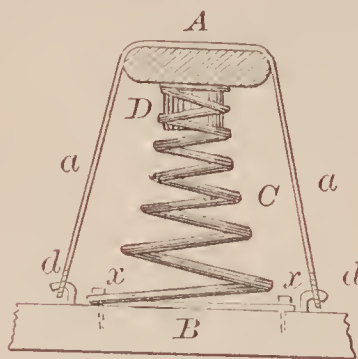
66385—J. Pettengill, Jr.—*Car Coupling.*



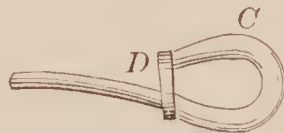
66389—J. H. Rac—Ice Cream Freezer.



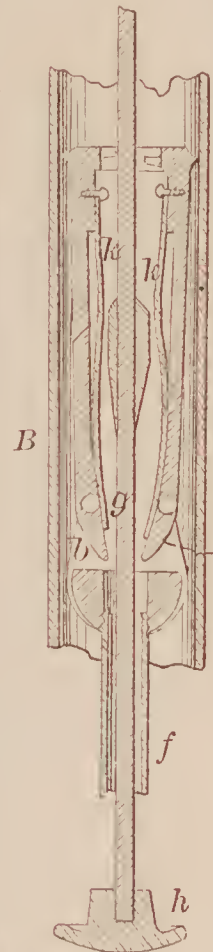
66390—C. D. Read—Bed Bottom.



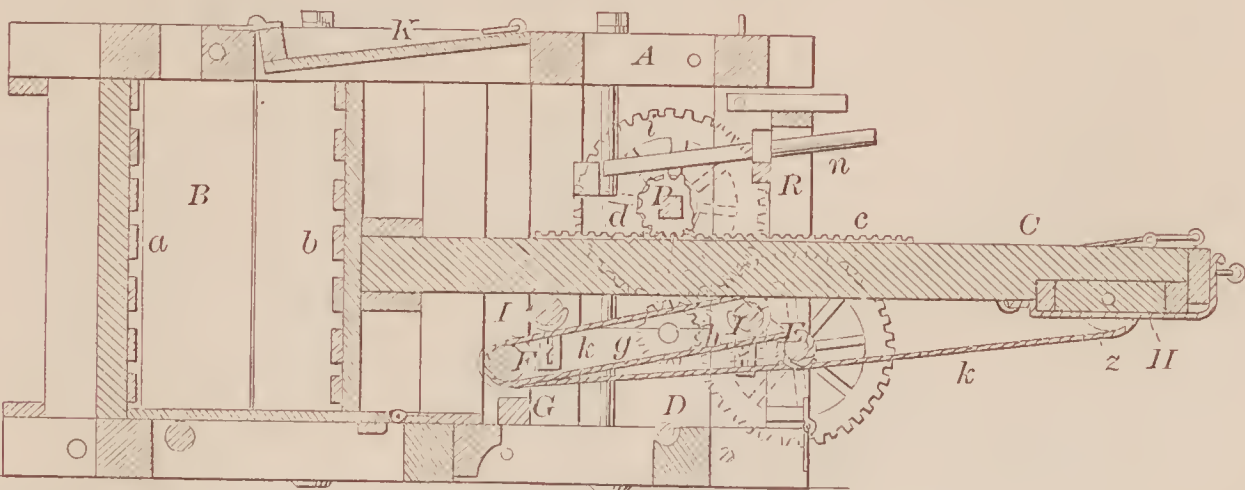
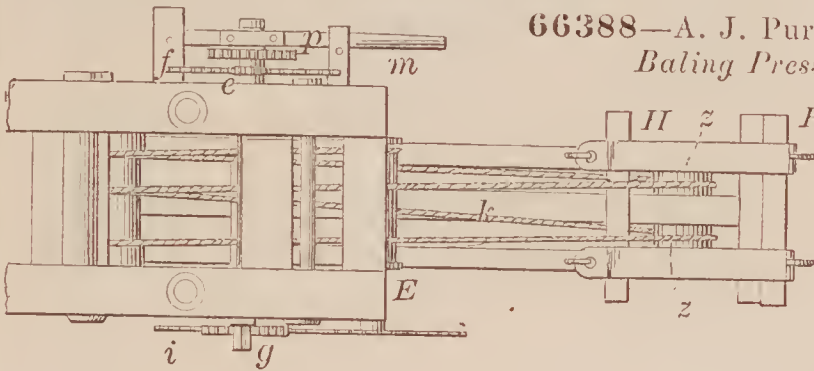
66391—I. C. Richmond—Harness Hook.



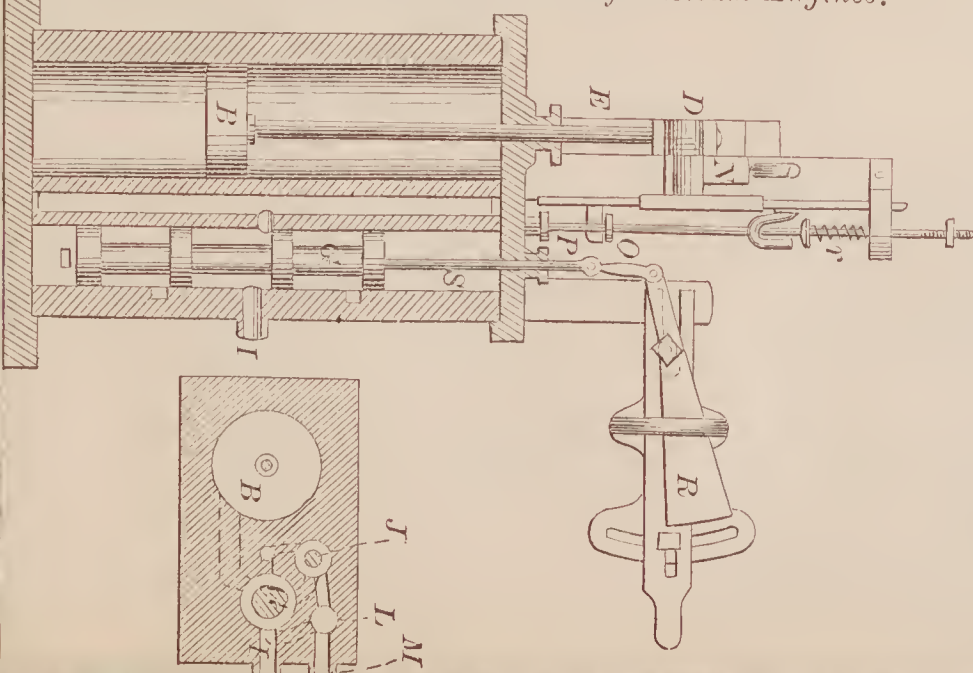
66387—E. L. Pratt—Boiler Tube Scraper.



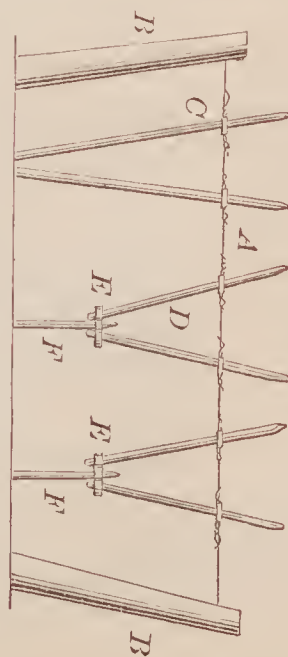
66388—A. J. Purviance—Baling Press.

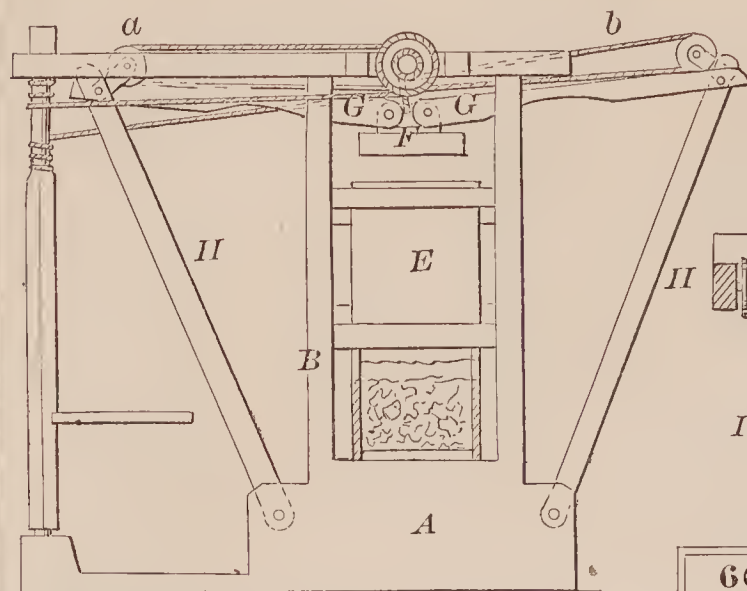
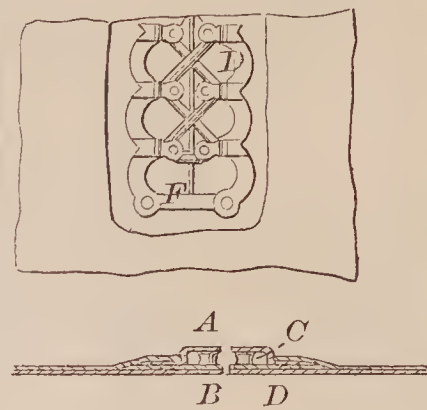
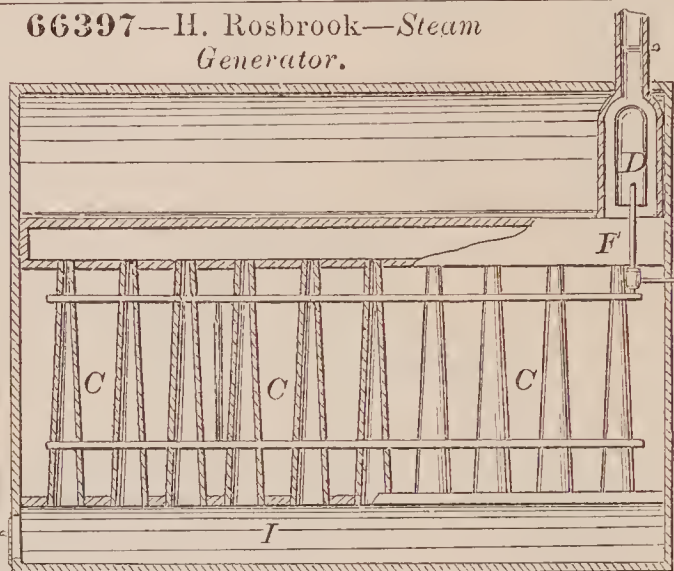
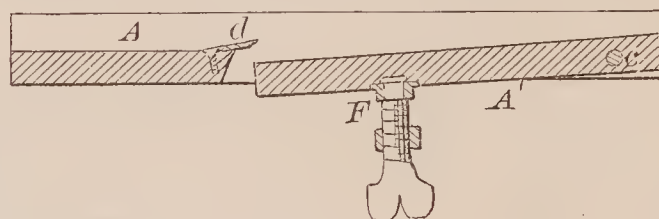
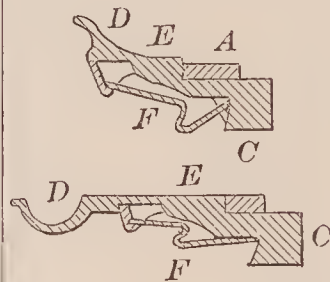
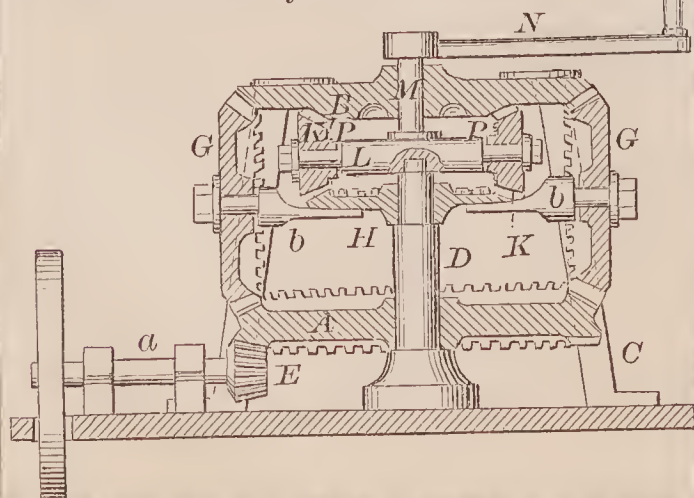
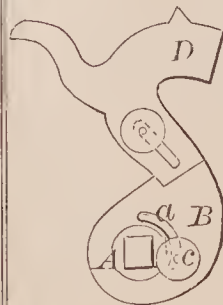
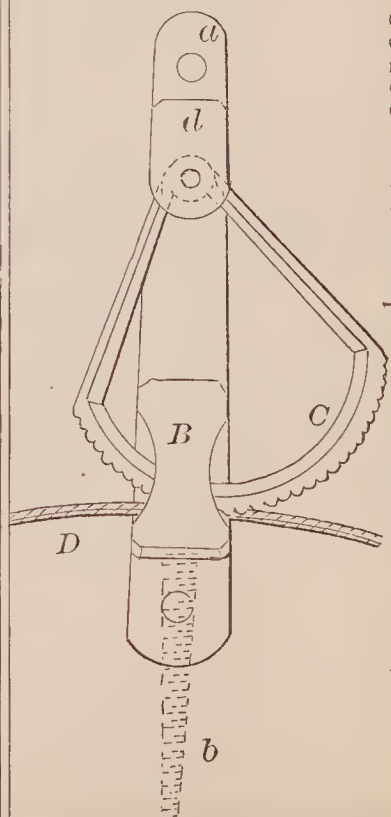


66392—A. K. Rider—Valve Gear for Steam Engines.

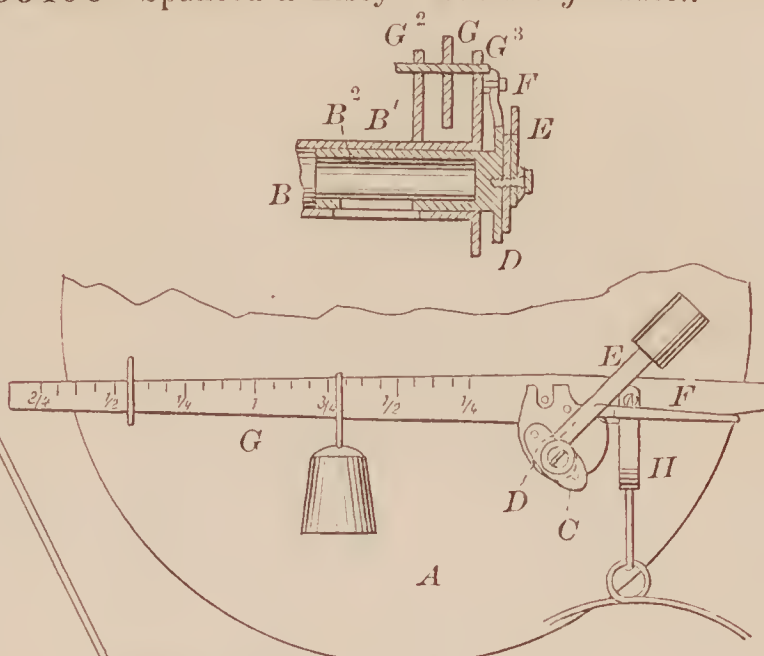


66393—Roberts & Badger—For Supporting Hop Vines.

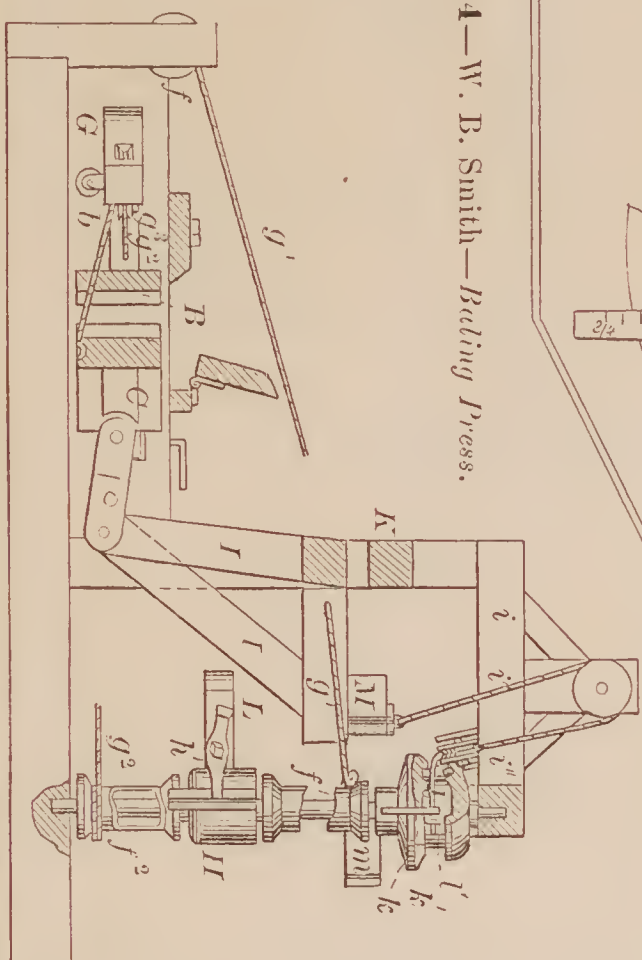


66394—S. D. Roberts—*Cotton Press.*66396—Rock & Moorhouse—*Shoe Lacing.*66397—H. Rosbrook—*Steam Generator.*66402—J. M. Schwartz—*Vegetable Cutter.*66400—Sawin & Titus—*Window Fastener.*66398—A. Rothwell—*Bedstead.*66401—J. Schley—*Horse Power.*66399—W. T. Round—*Gun Hammer Gauge.*66403—A. J. Simpson—*Clothes Line Holder.*

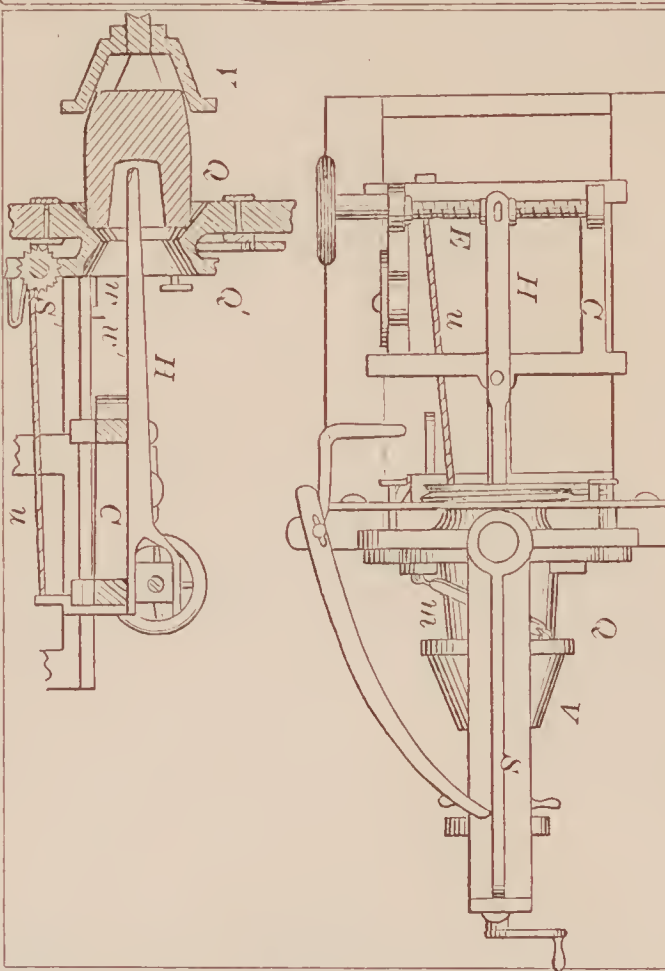
66406—Spafford & Elsey—Measuring Faucet.



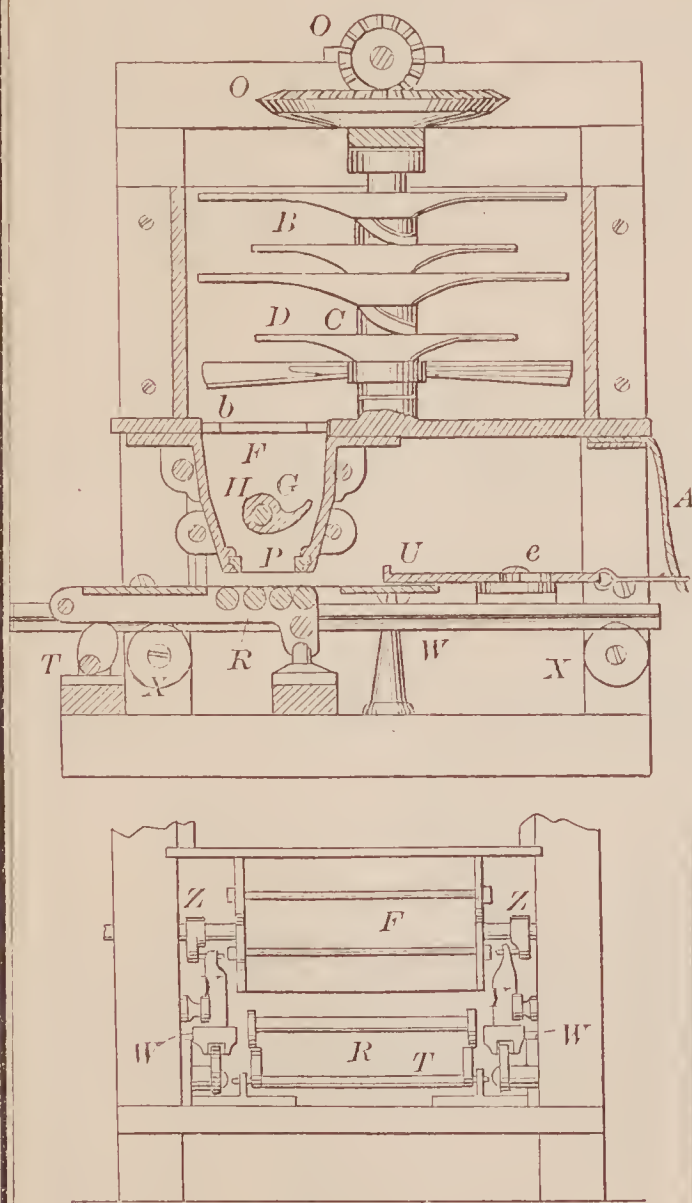
66404—W. B. Smith—Belting Press.



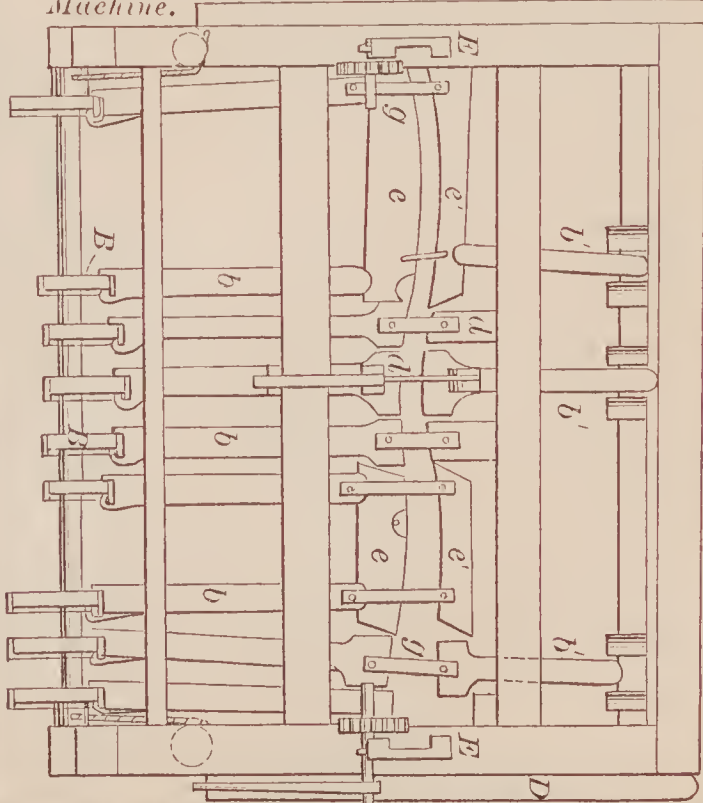
66405—W. Snodgrass—Hub Boring Machine.



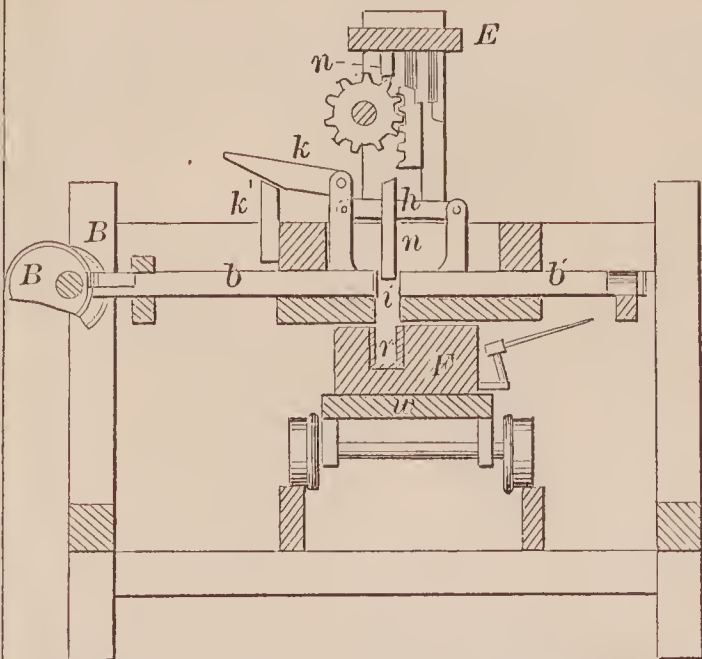
66408—A. J. Sprague—Brick Machine.



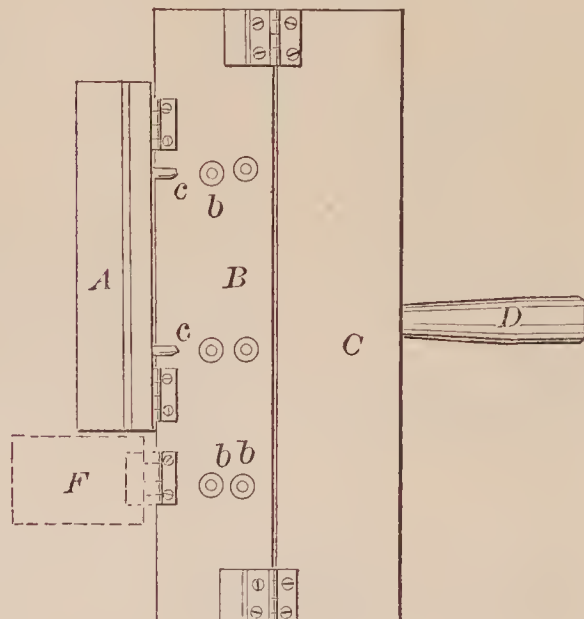
66409—O. W. Stearns—Wood Bending Machine.



66409—Continued.



66411—B. D. Stevens—For Forming Sheet Metal Pans.



66412—G. W. Swartz—Hay Raker and Loader.

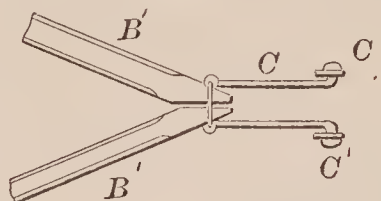
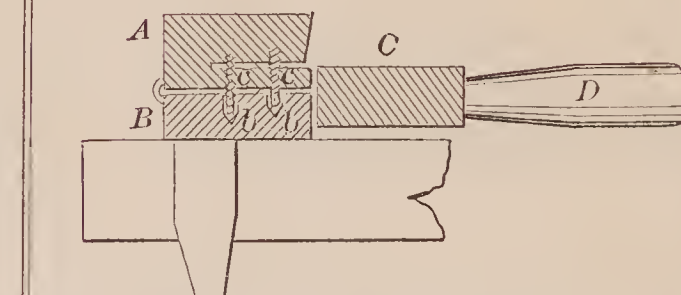
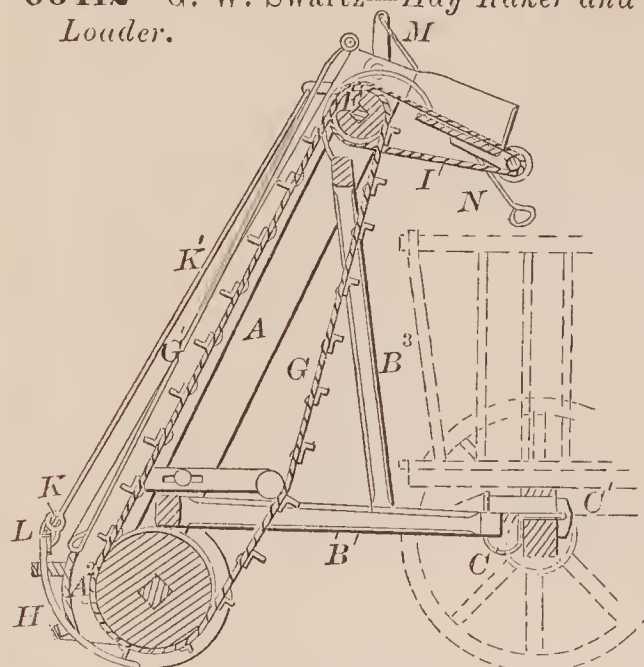
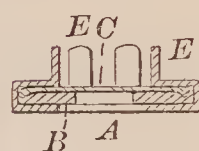
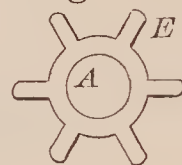
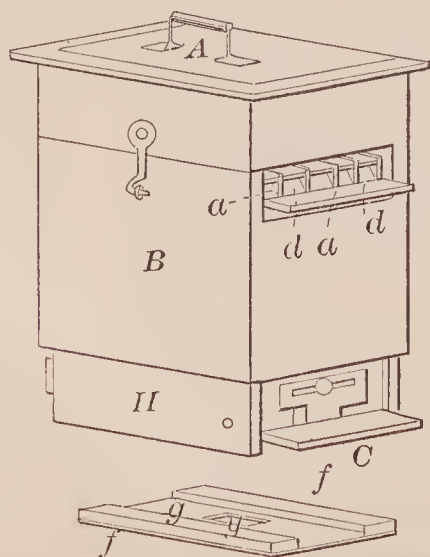
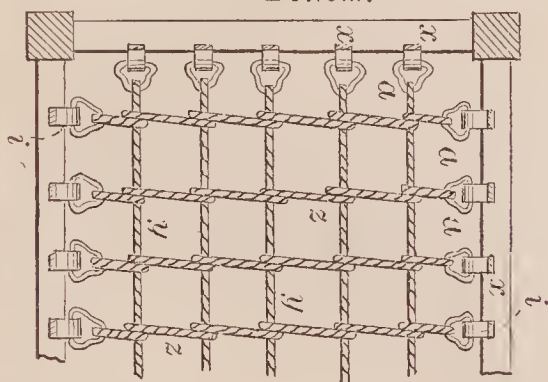


Fig. 3

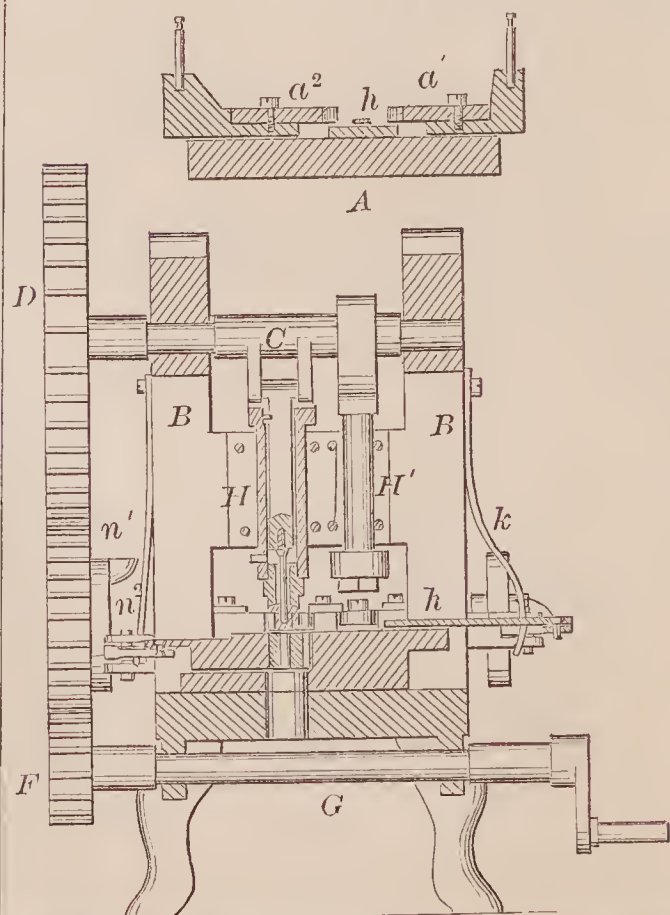


66413—S. C. Talcott—Button Hole for Carriages.

66410—Stenger & Beyrheimer—Bed Bottom.

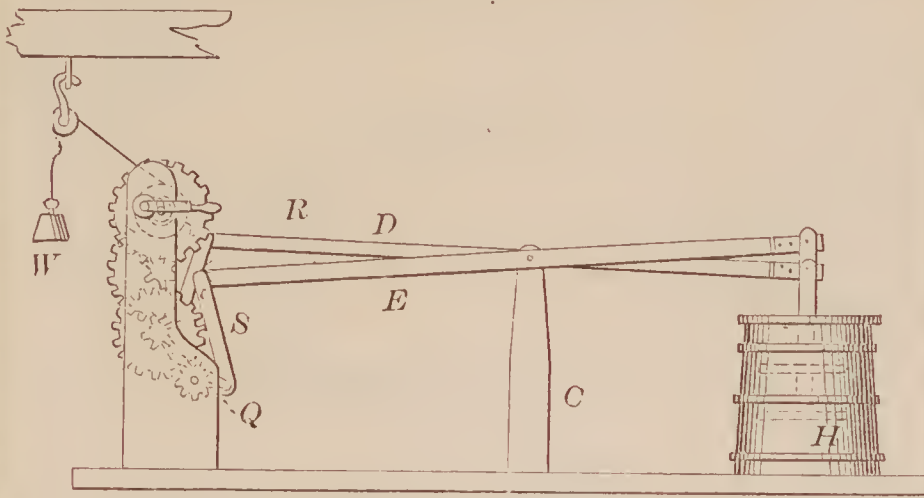


66415—J. H. Thomas—Beehive.

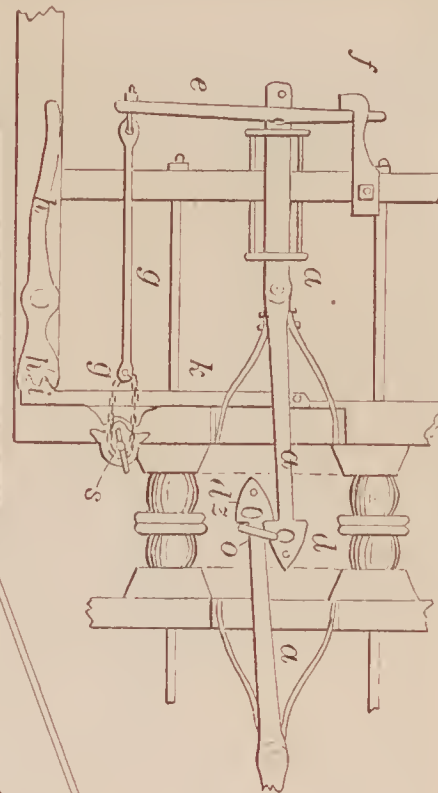


66414—Thierry & Hill—For Making Hot Pressed Nuts.

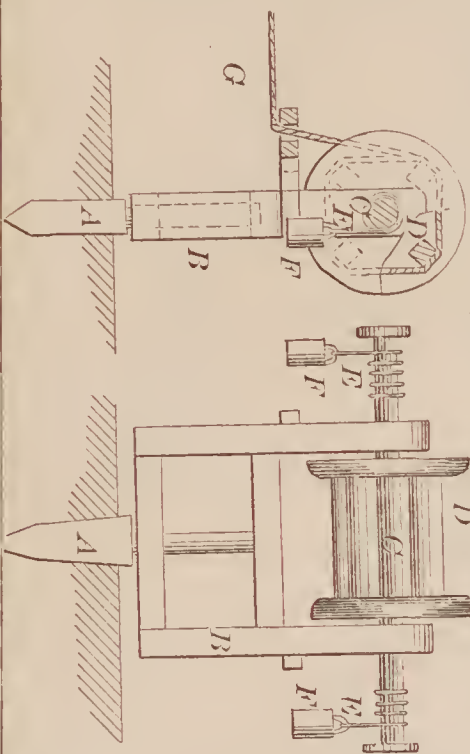
66416—J. Thompson—*Churning Apparatus.*



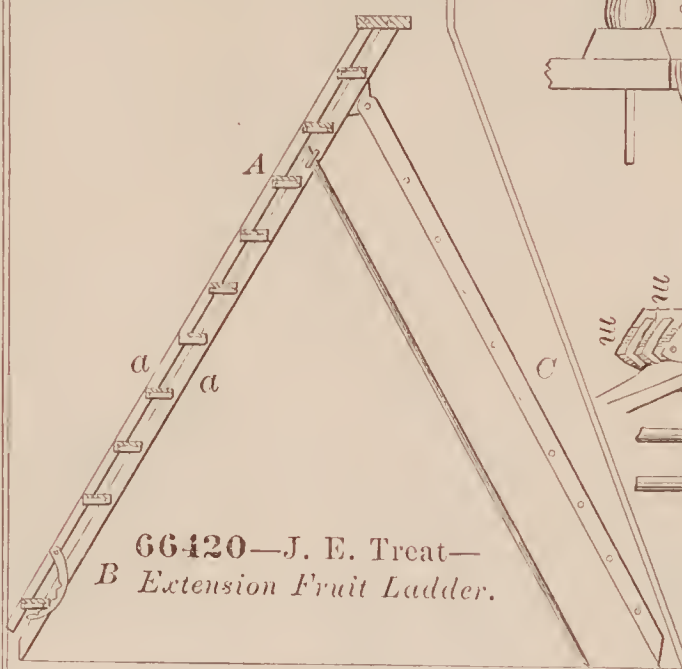
66418—D. J. Tittle—*Car Coupling.*



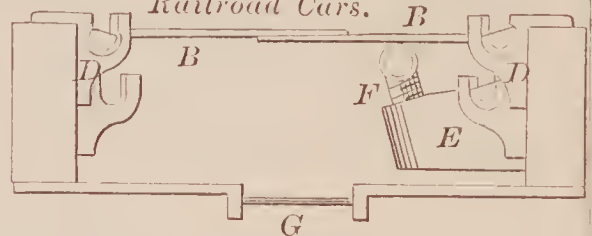
66417—J. P. Thorp—*For Tethering Animals.*



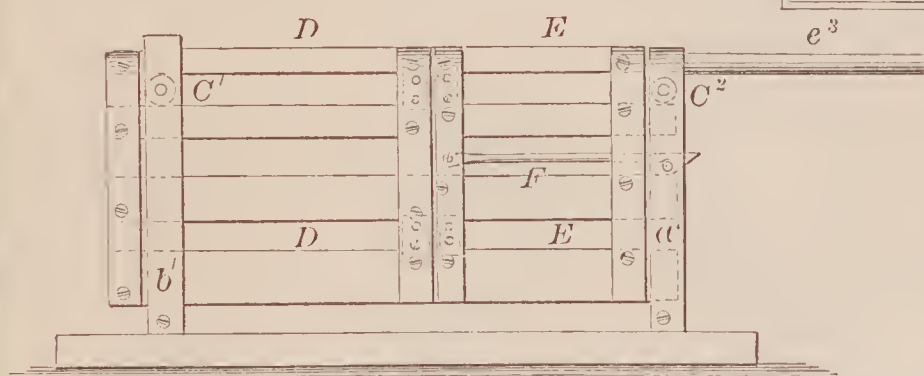
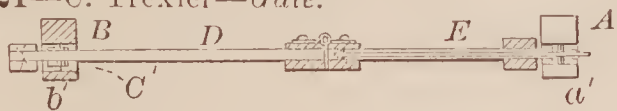
66420—J. E. Treat—*B Extension Fruit Ladder.*



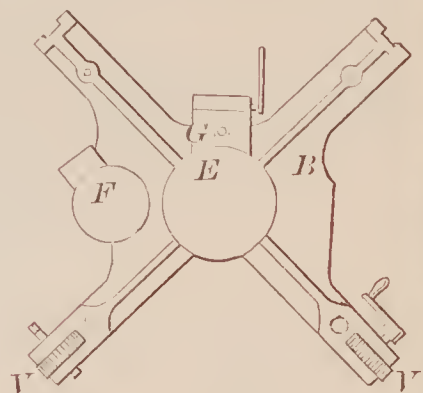
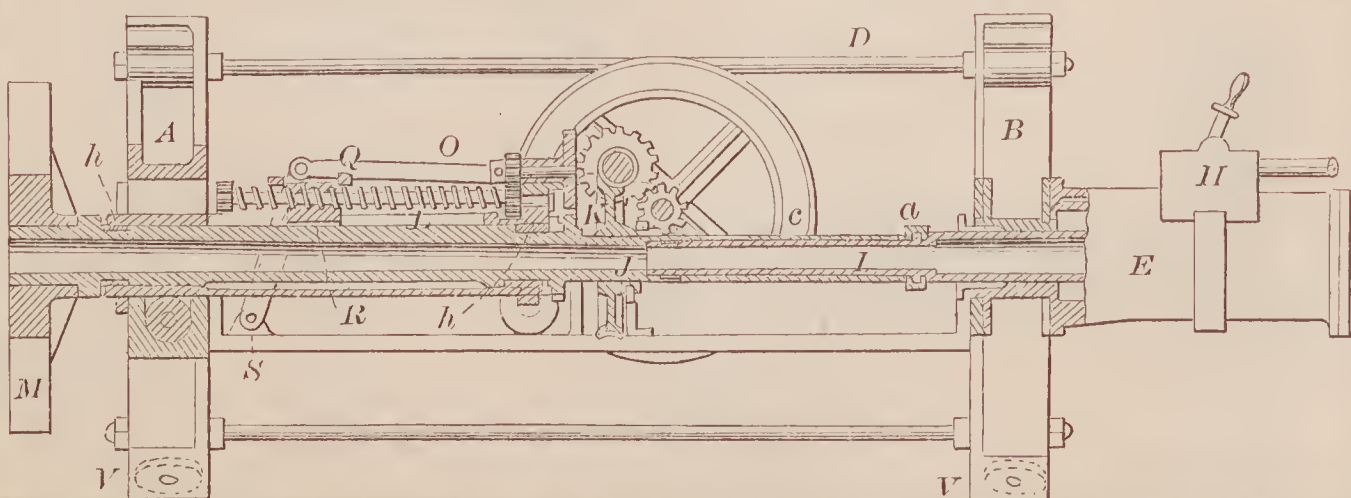
66419—L. Traxler—*Safety Bridge for Railroad Cars. B*

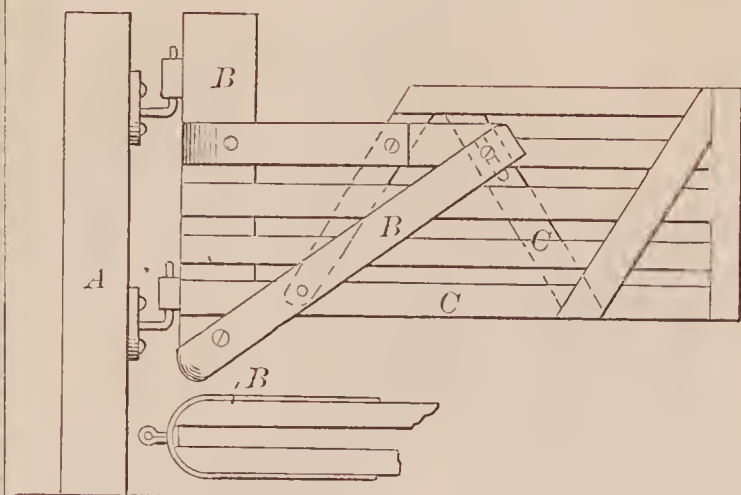
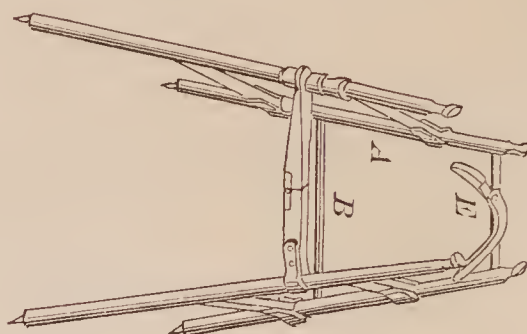
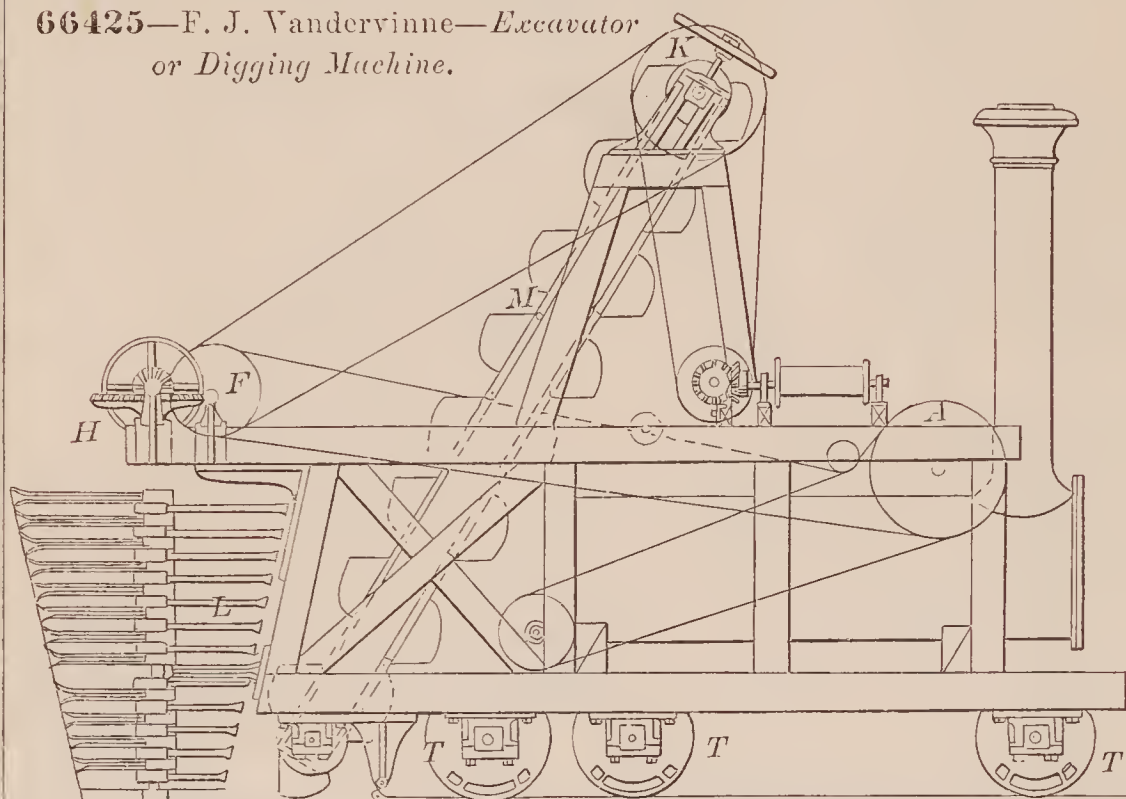
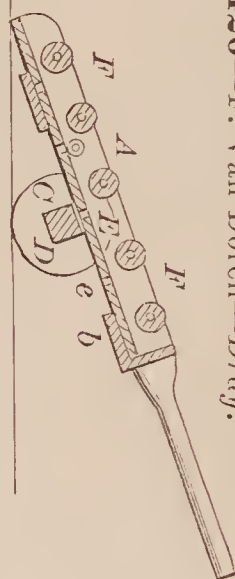
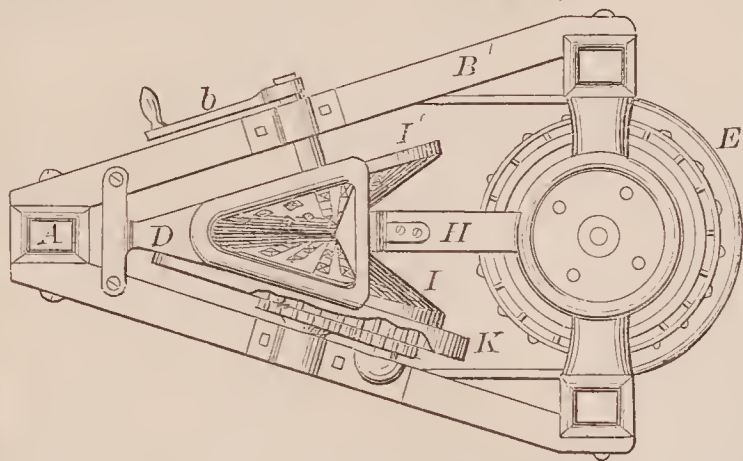
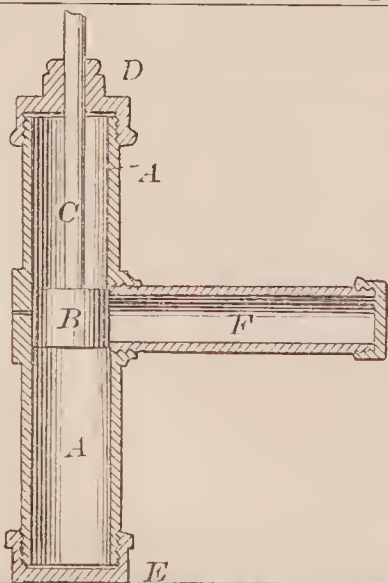
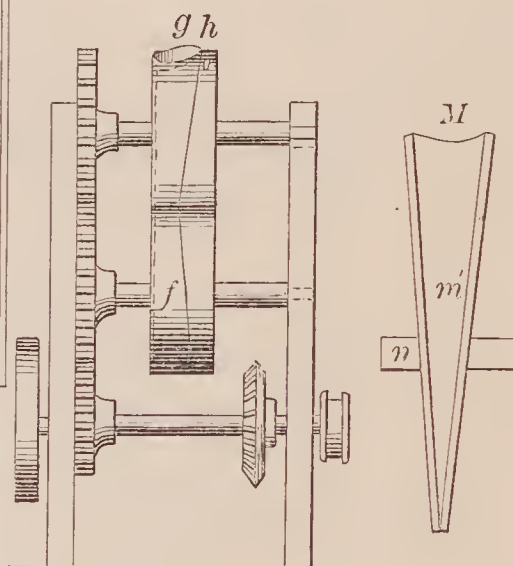
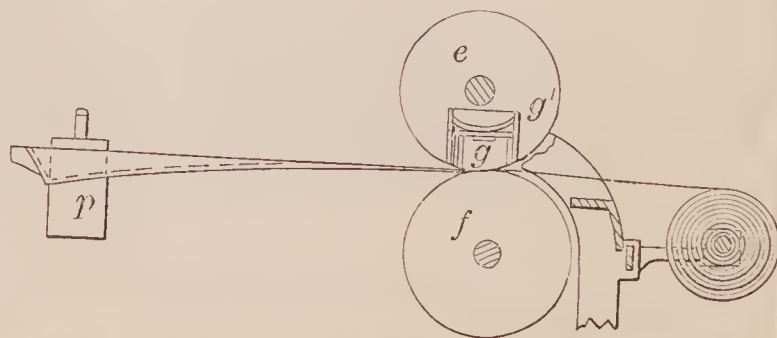


66421—C. Trexler—*Gate.*

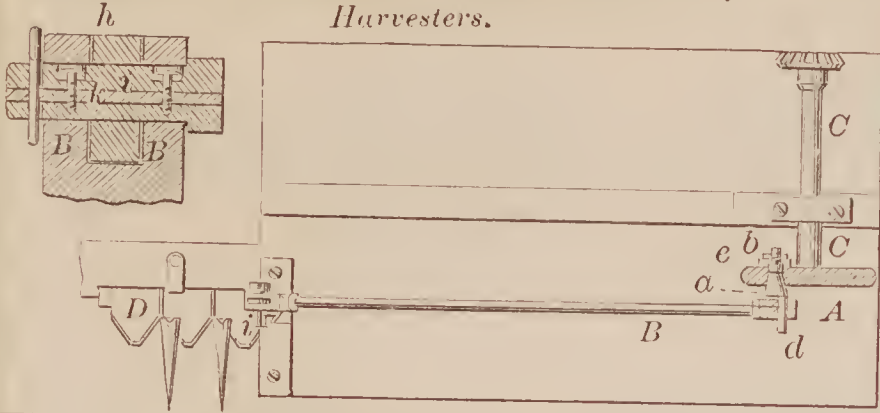


66422—E. M. Troth—*Rock Drilling Machine.*

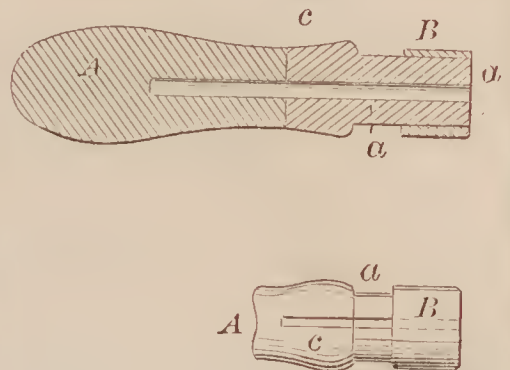


66423—H. Turner—*Gate.*66424—L. Turner—*Bag Holder*66425—F. J. Vandervinne—*Excavator or Digging Machine.*66426—F. Van Doren—*Dray.*66427—T. Van Kannel—*Cider Mill.*66429—W. H. Walton—*For Making Paper Collars.*66428—T. G. Walker—*Drying and Preparing Peat.*

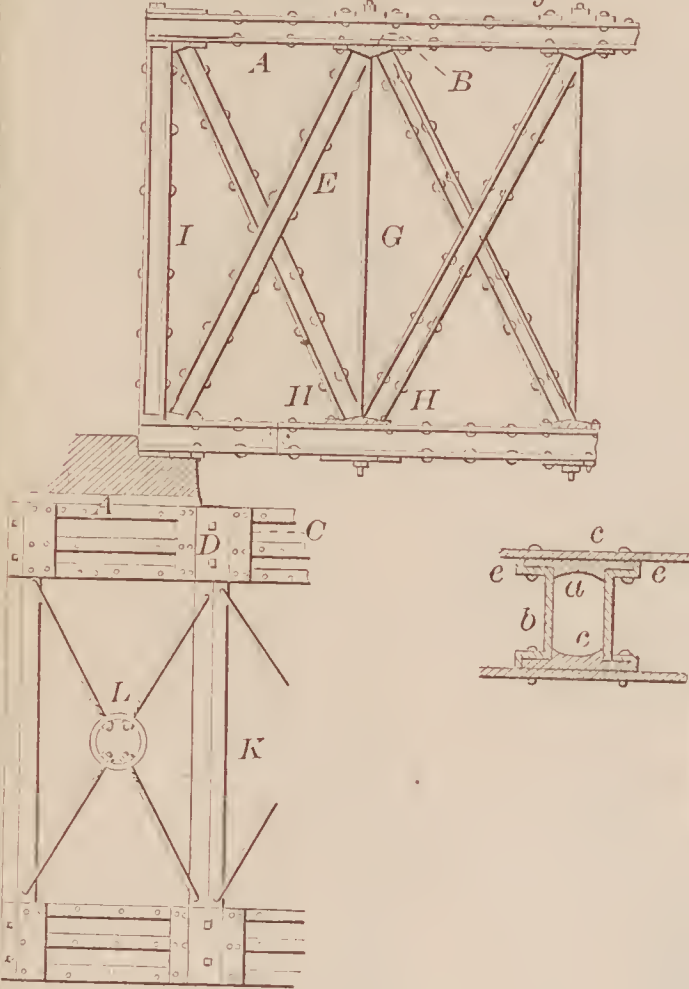
66430—H. L. Wanzer—*Pitman Connection for Harvesters.*



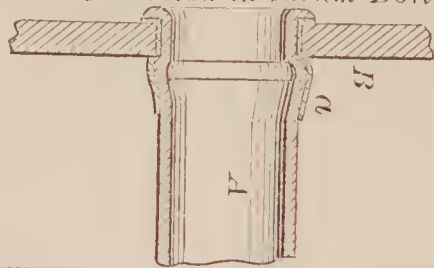
66434—L. P. Wilcox—*Attaching Tools to Handles.*



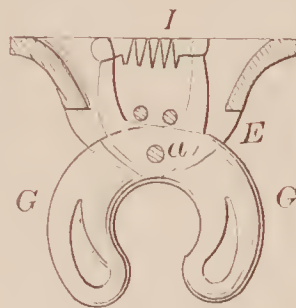
66433—T. B. White—*Iron Bridge.*



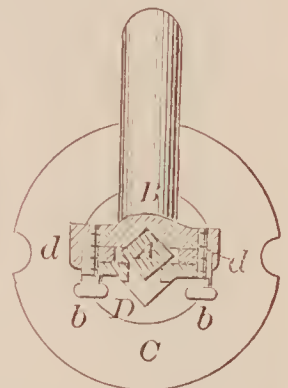
66435—P. Wineman—*Preventing Corrosion in Steam Boiler Flues.*



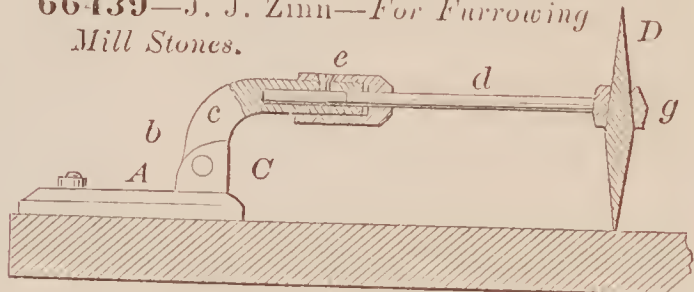
66431—H. W. Warner—*Broom Holder.*



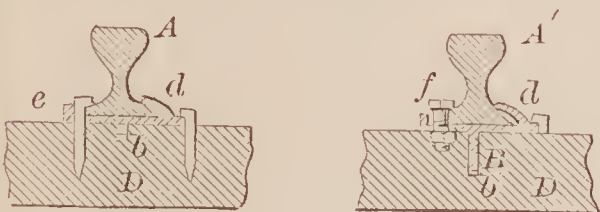
66436—L. Wolf—*Punch.*



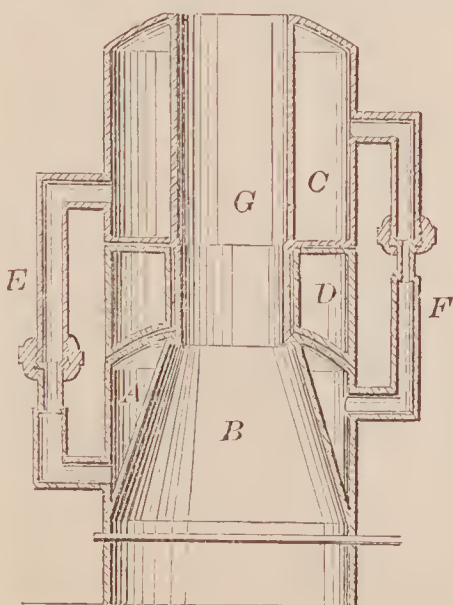
66439—J. J. Zinn—*For Furrowing Mill Stones.*



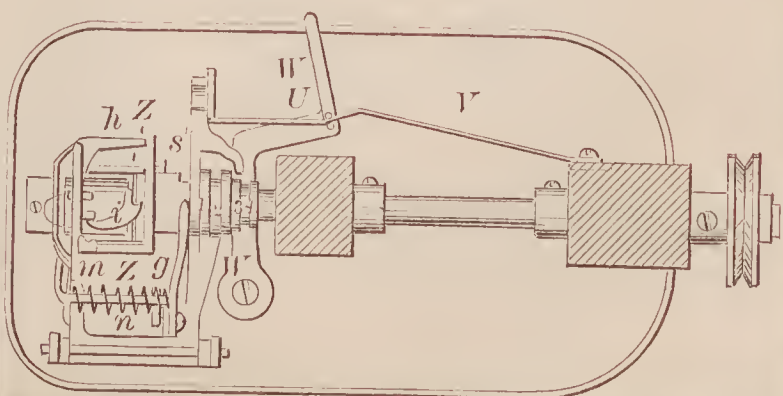
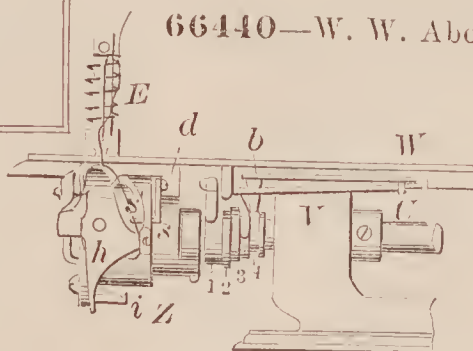
66437—J. E. Wootten—*Railway Chair.*



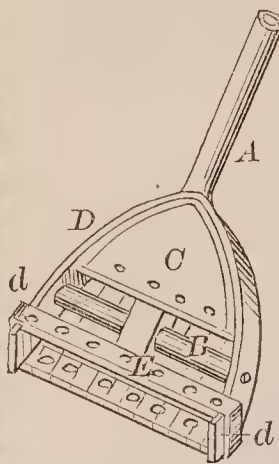
66438—W. Young—*Steam Generator.*



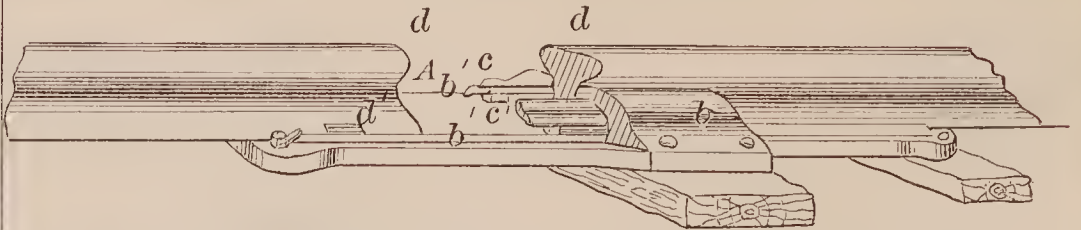
66440—W. W. Abbott—*Sewing Machine.*



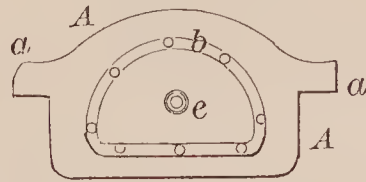
66441—L. Allen—Broom Head.



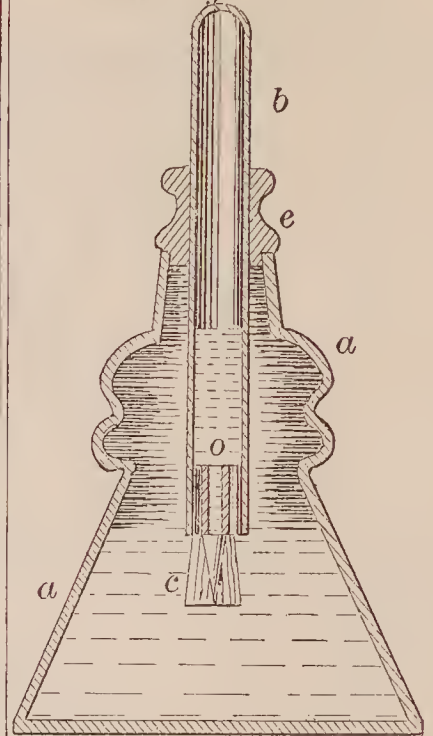
66443—Balding & Blake—Railway Chair.



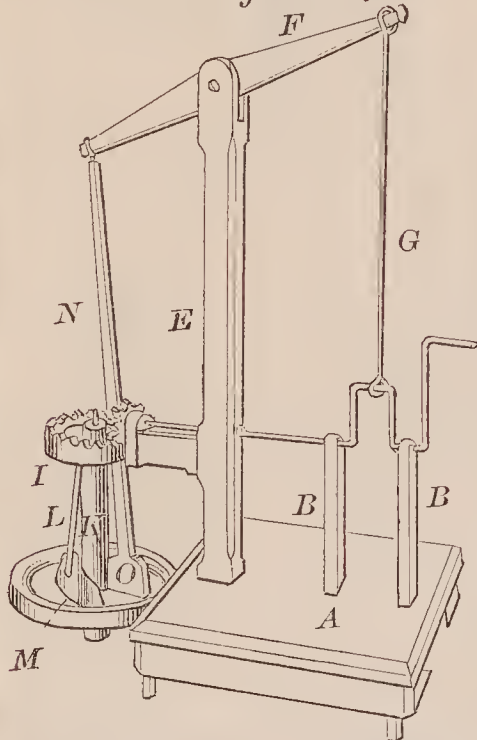
66444—B. H. Bartol—Cover for Gas Retorts.



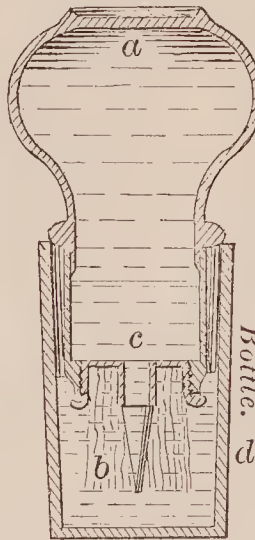
66446—W. W. Beach—Mucilage Brush.



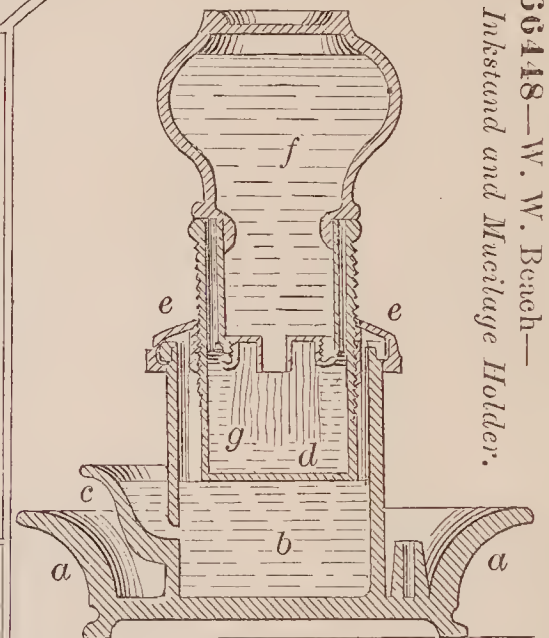
66445—W. D. Baughn—Churning and Working Butter.



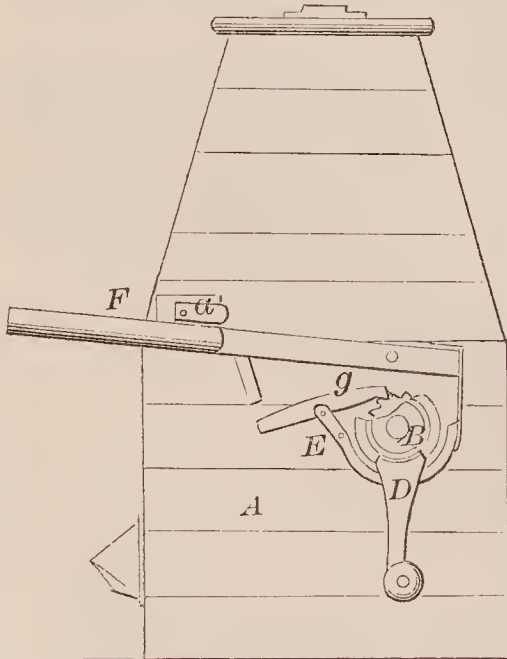
66447—W. W. Beach—Mucilage Bottle.



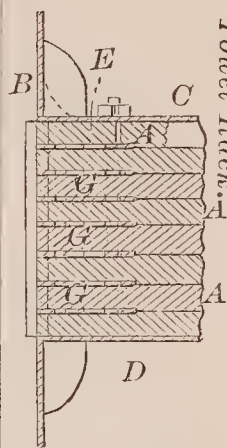
66448—W. W. Beach—Instand and Mucilage Holder.



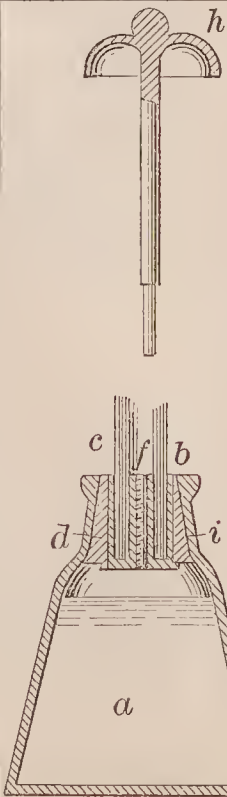
66451—Bowles & Preston—Water Elevator.



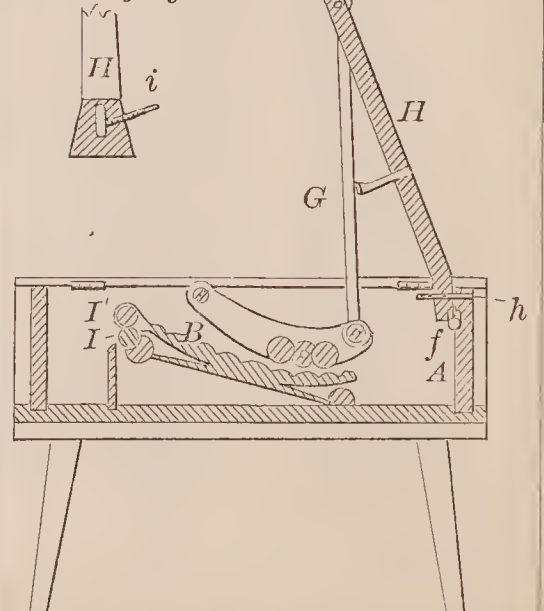
66442—F. A. Balch—Clothes or Towel Rack.



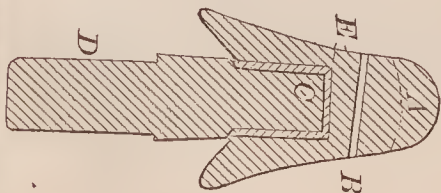
66449—W. W. Beach—Mucilage Holder.



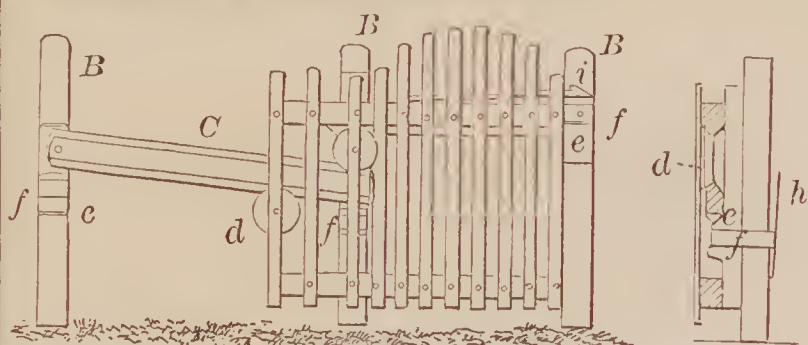
66450—C. F. & F. Blood—Washing and Wringing Machine.



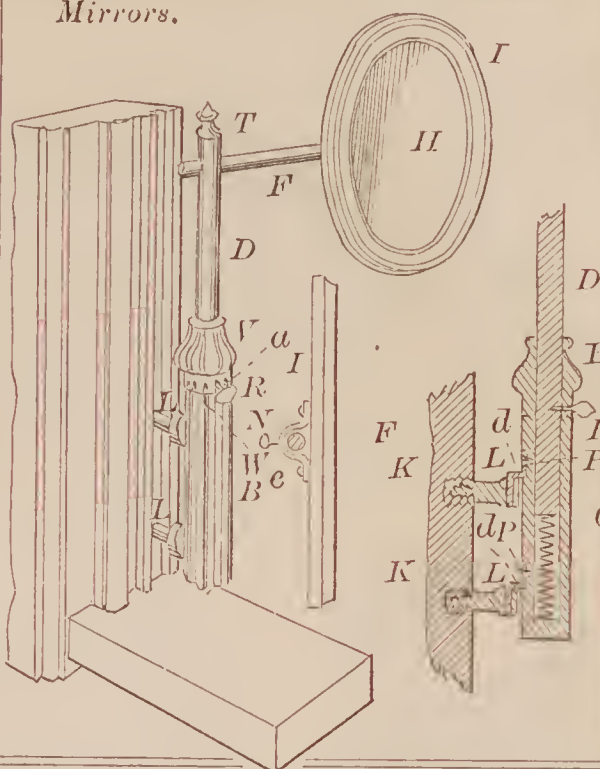
66453—J. F. Boynton—Telegraph Insulator.



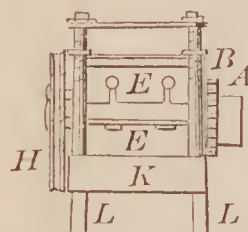
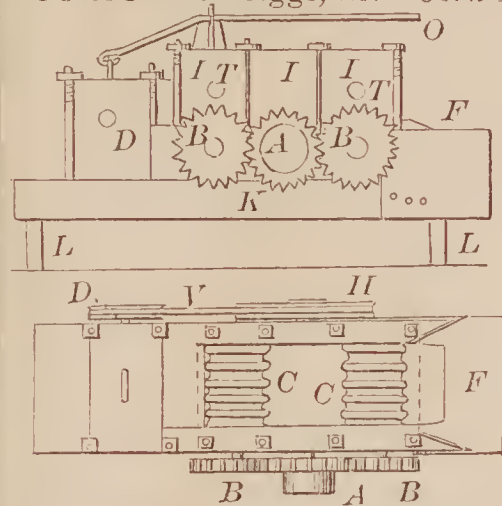
66454—J. W. Brewster—Farm Gate.



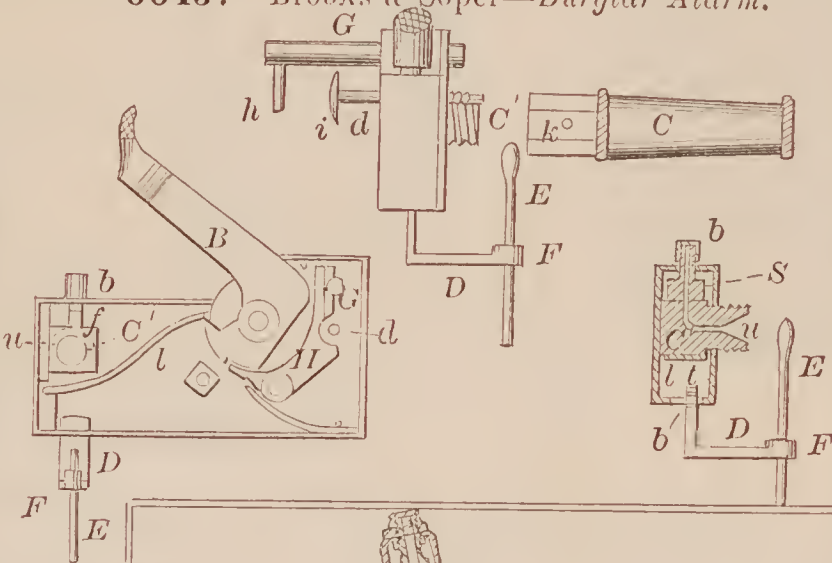
66458—F. Brown—For Hanging Mirrors.



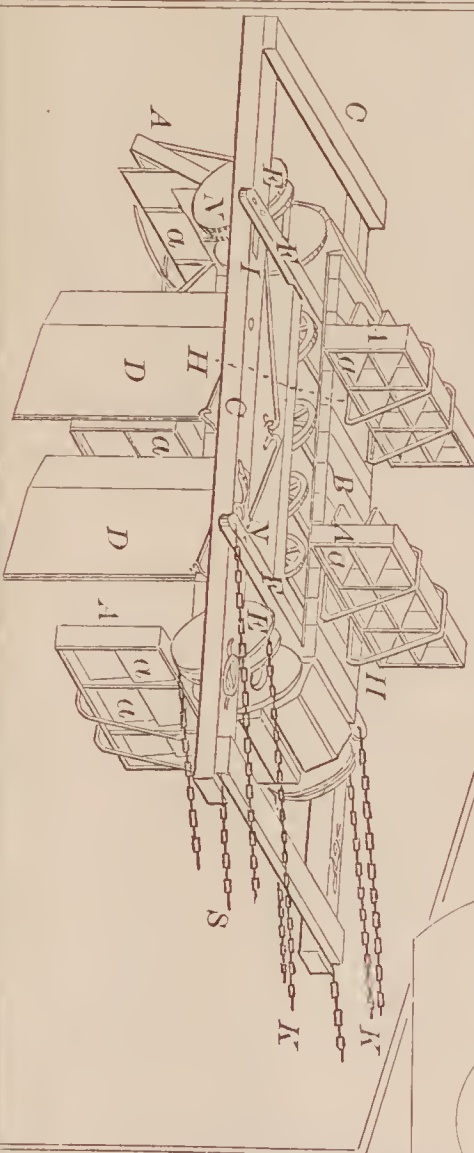
66455—E. Briggs, Sr.—Corn Husker and Stalk Cutter.



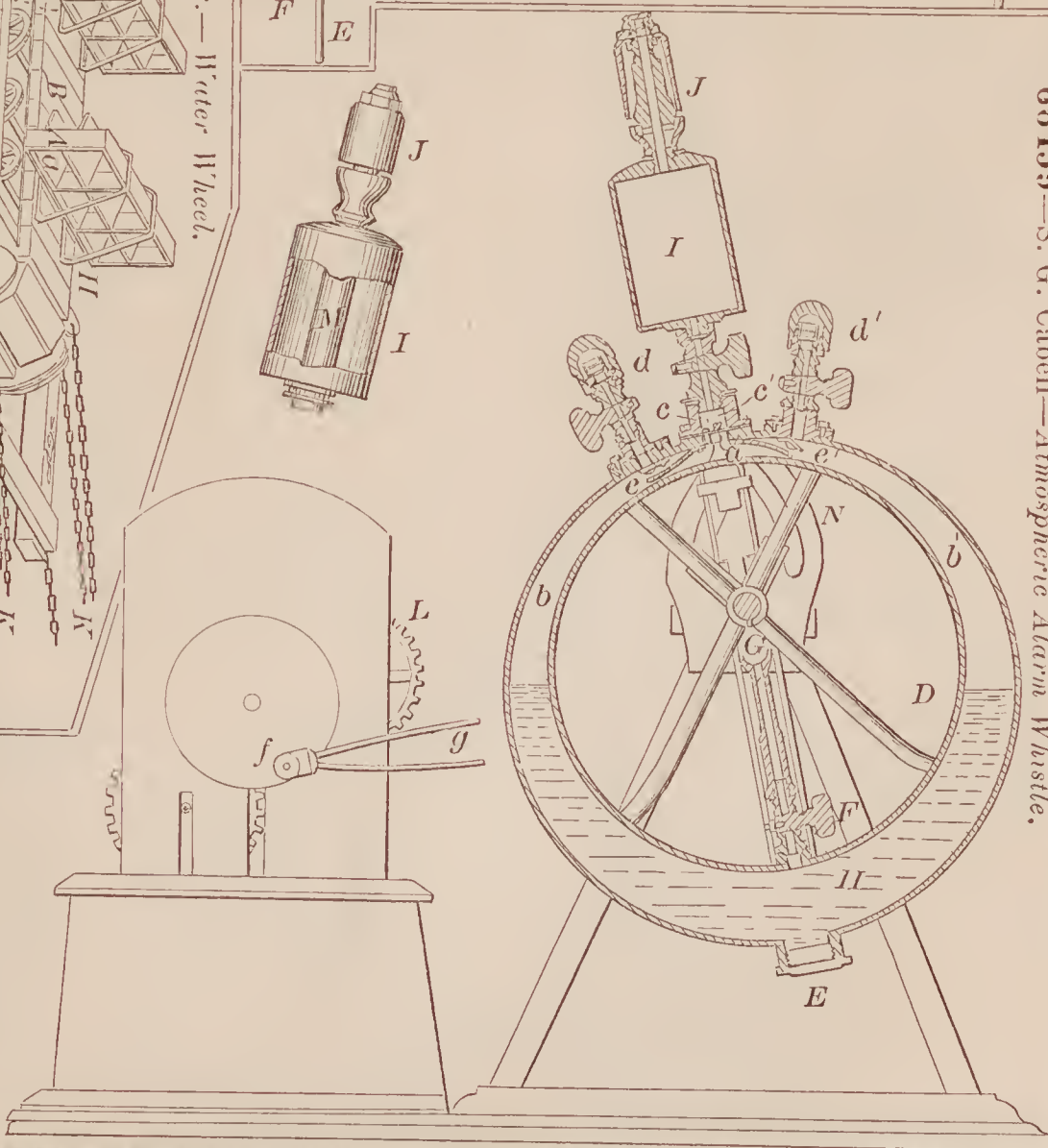
66457—Brooks & Soper—Burglar Alarm.



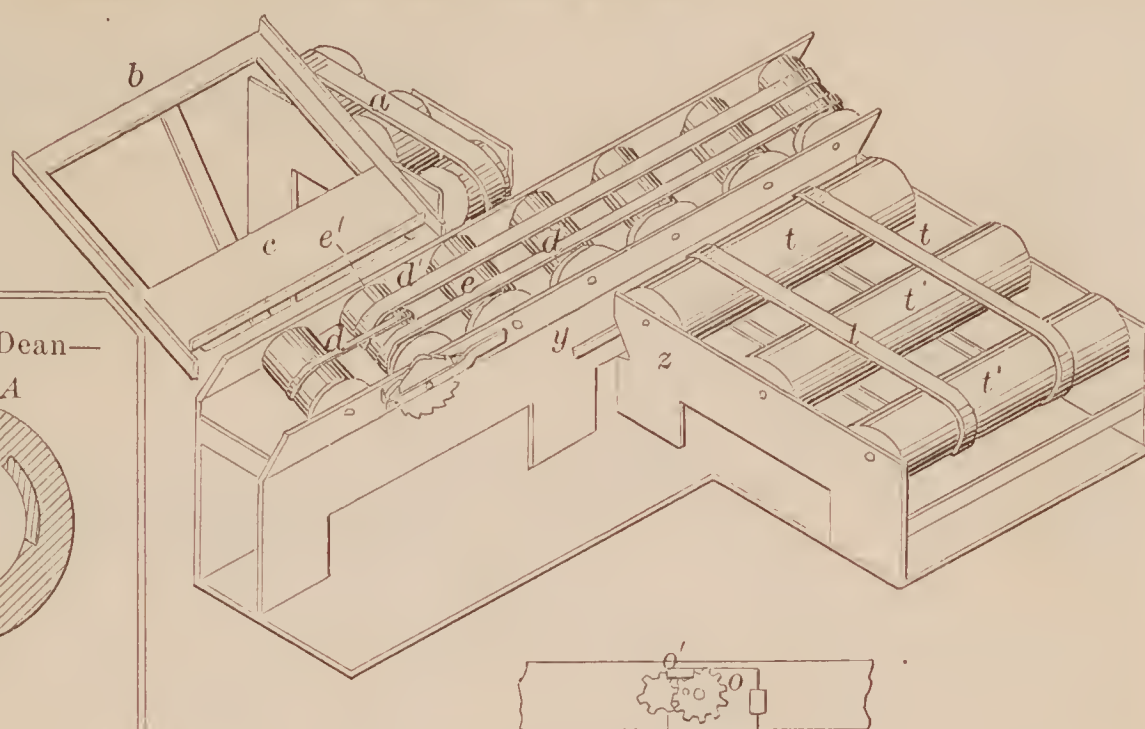
66456—E. Briggs, Sr.—Water Wheel.



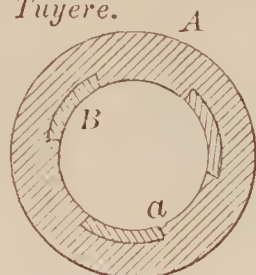
66459—S. G. Cabell—Atmospheric Alarm Whistle.



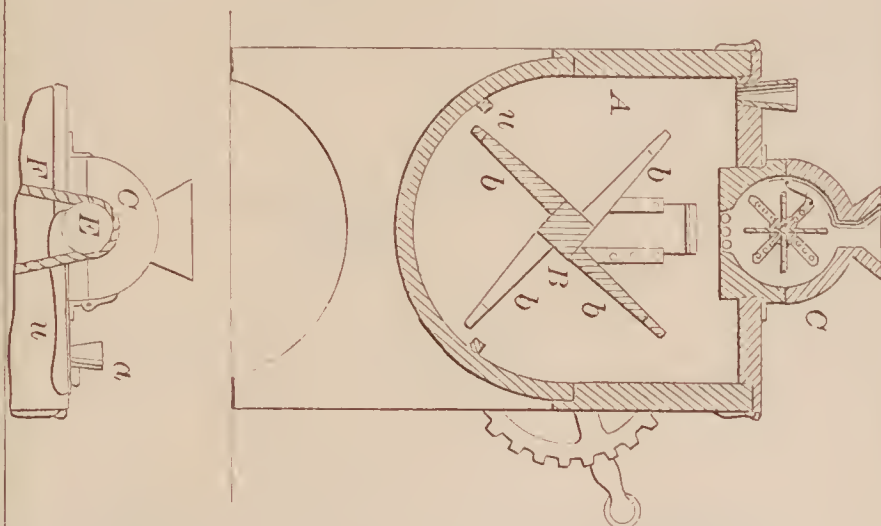
66468—L. B. Crittenden—Brick Machine.



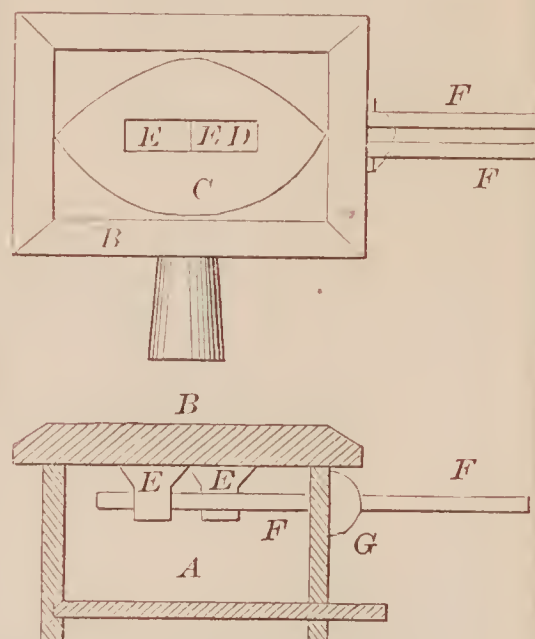
66470—H. Dean—Tuyere.



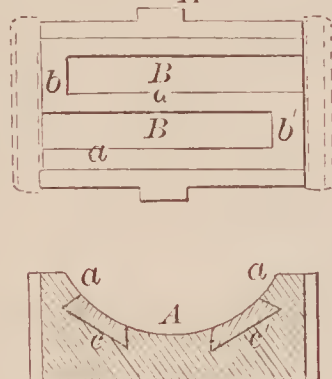
66469—J. Davies—Churn.



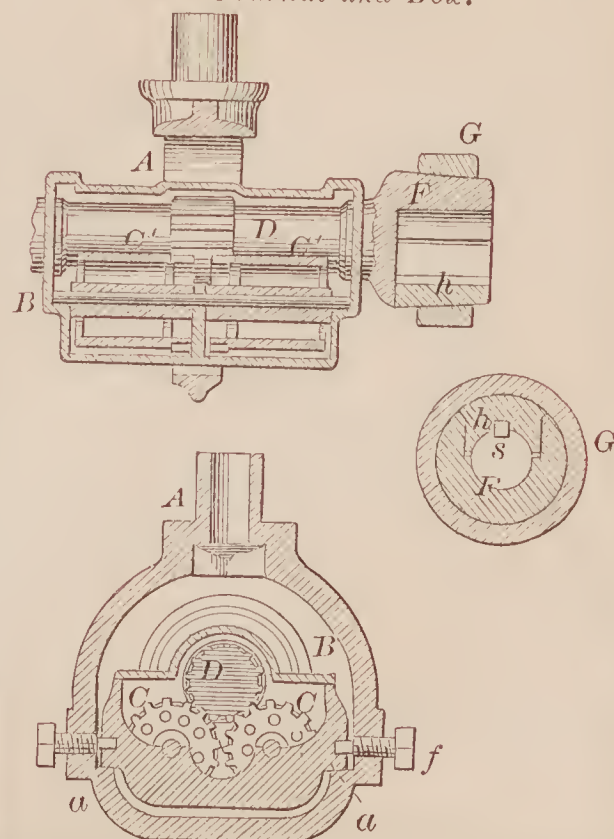
66471—P. S. Devlan—Journal and Axle Box.



66472—P. S. Devlan—Lining for Journal and Axle Boxes. A



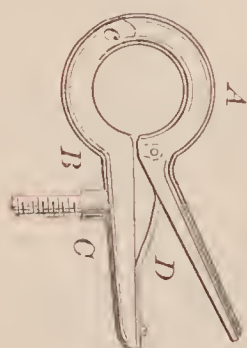
66474—D. H. Dotterer—Coupling Journal and Box.



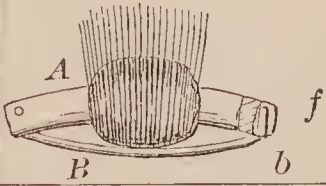
66475—B. A. Drayton—Paint Brush.



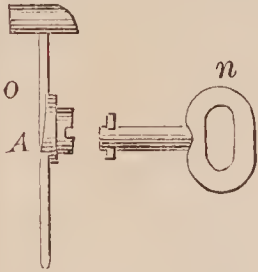
66473—N. Dieterich—Check Hook.



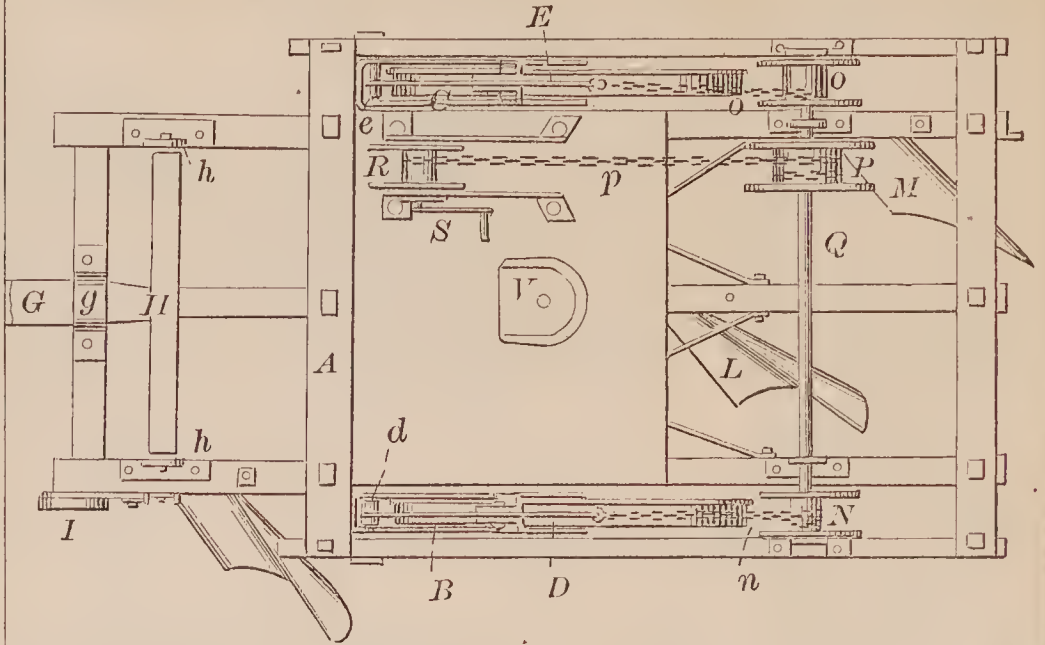
66476—S. A. Early—*Hair Curler.*



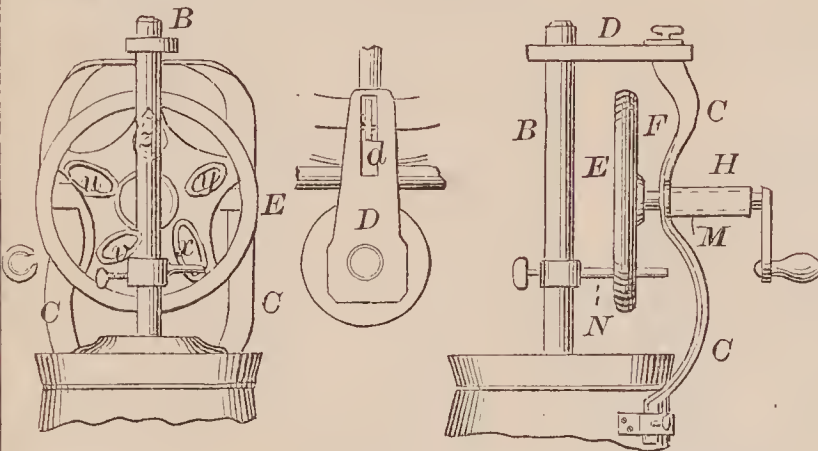
66479—M. P. Ford—*Car Seat Lock.*



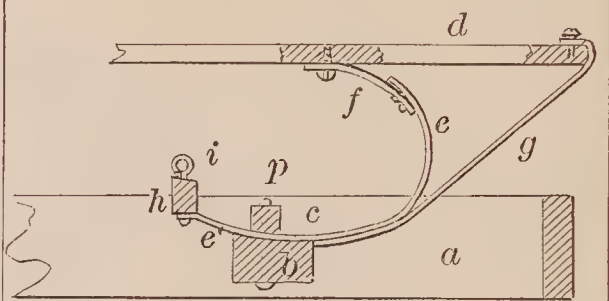
66477—H. H. Ebaugh—*Plow.*



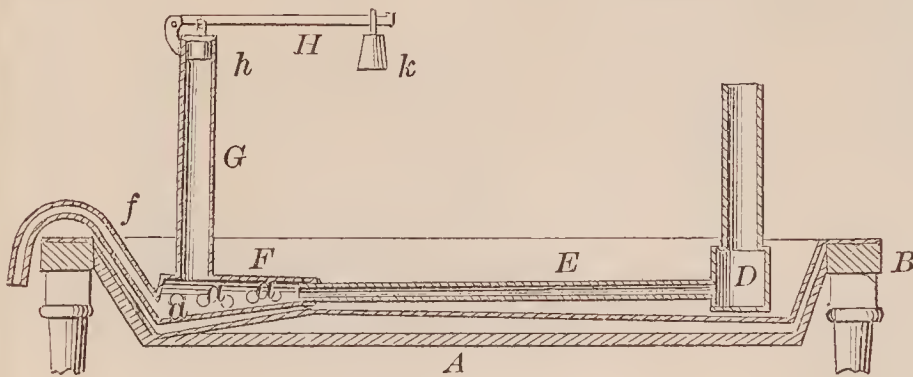
66478—J. P. Edmonds—*Churn.*



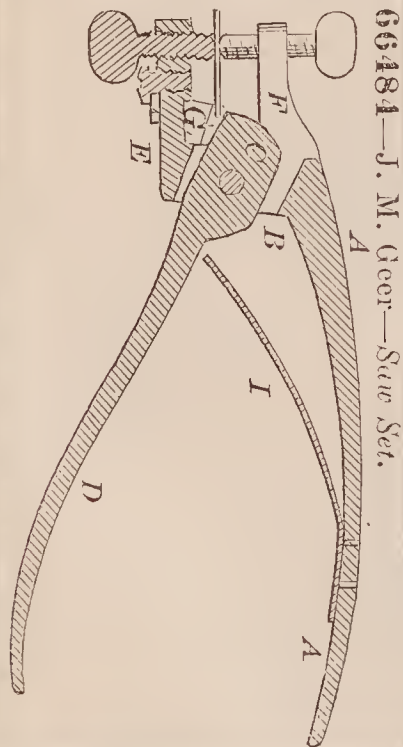
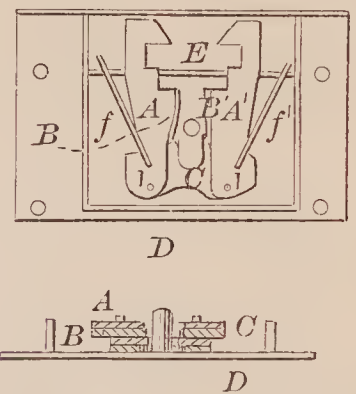
66481—F. S. Frost—*Bed Bottom.*



66480—H. Fowler—*For Evaporating Sorghum Juice.*

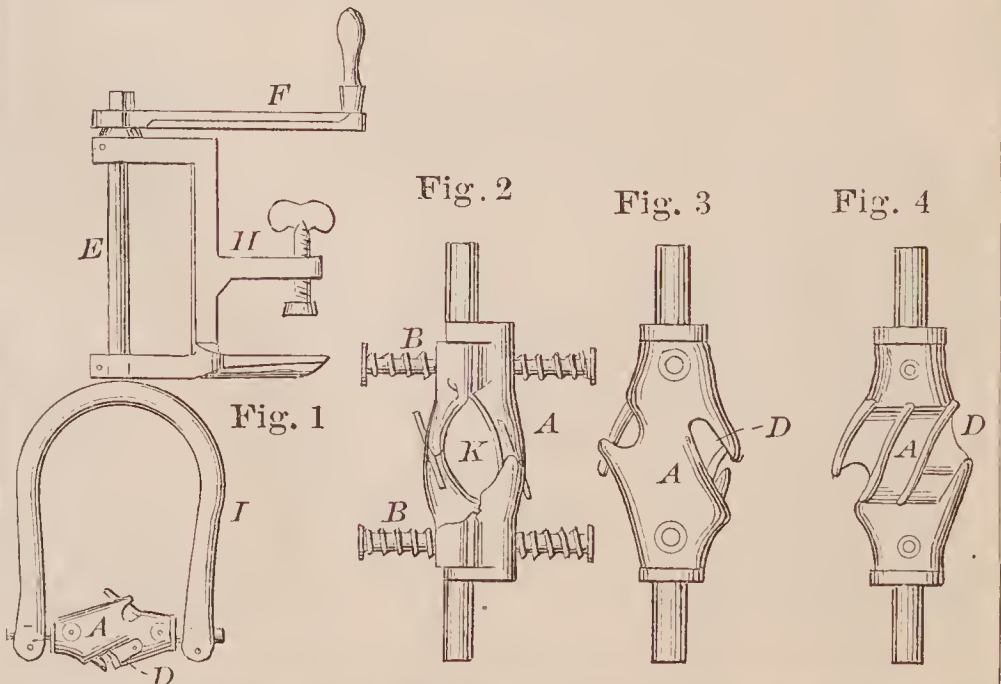


66483—S. Gaylord—*Trunk Lock.*

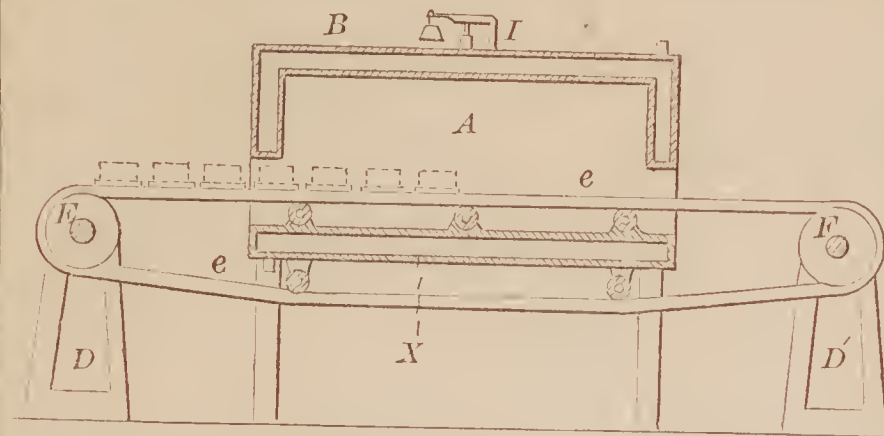


66484—J. M. Geer—*Same Set.*

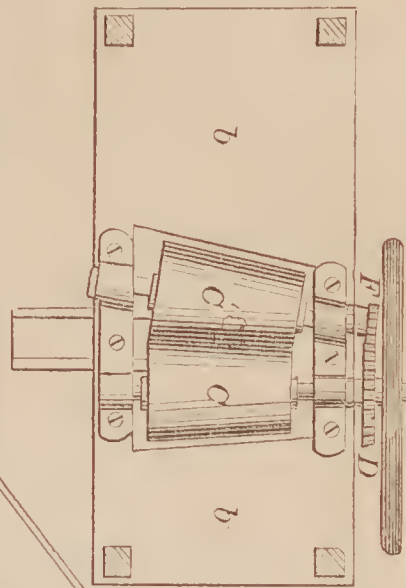
66485—H. A. Graeff—*Corn Sheller.*



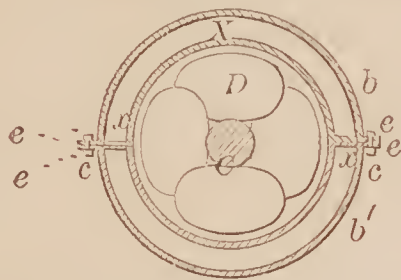
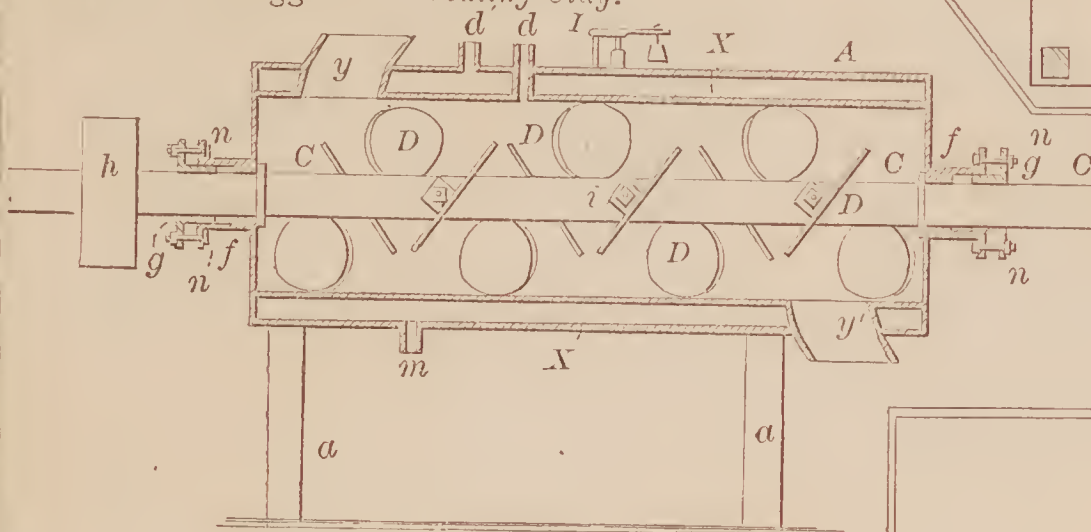
66486—I. Gregg—Drying Bricks.



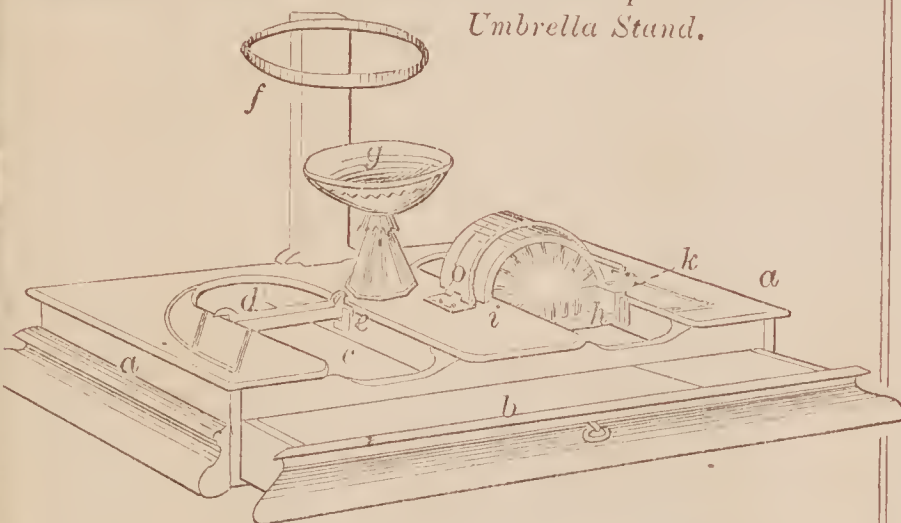
66488—I. Gregg—For Treating Clay.



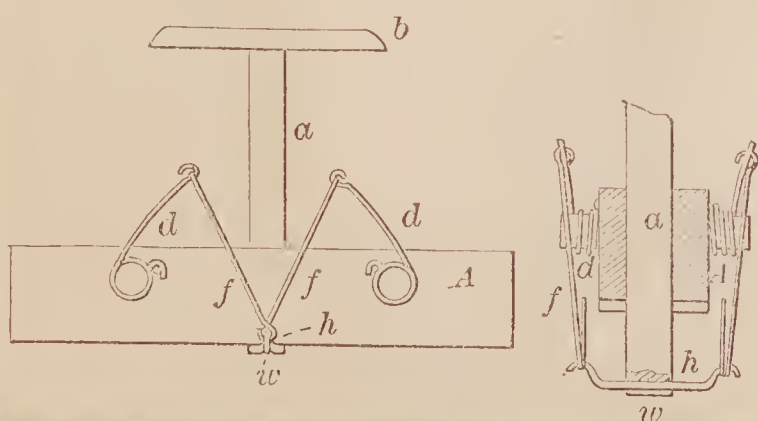
66487—I. Gregg—For Treating Clay.



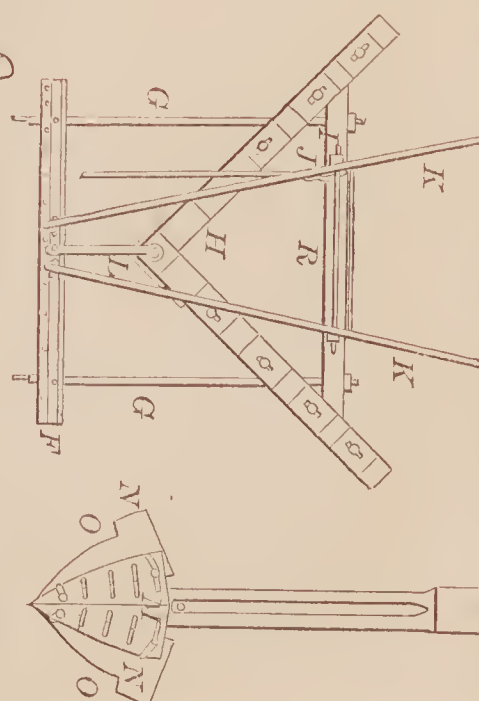
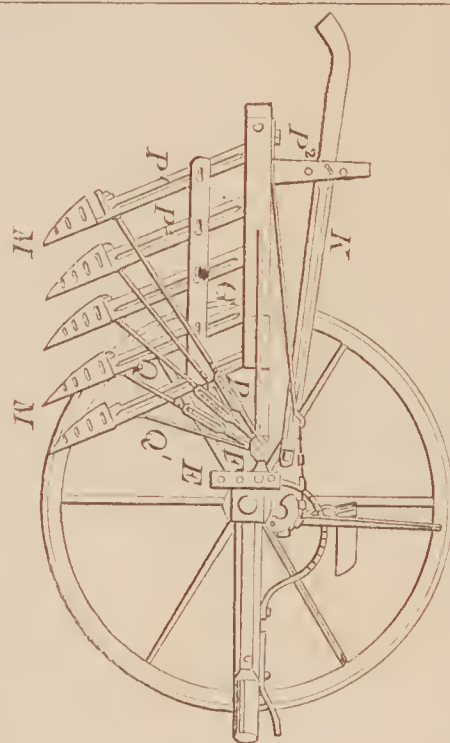
66489—Gudehus & Staake—Foot Scraper and Umbrella Stand.

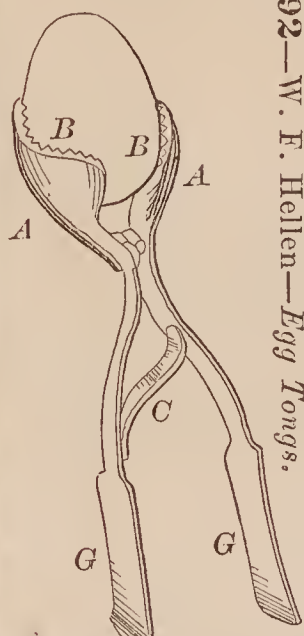
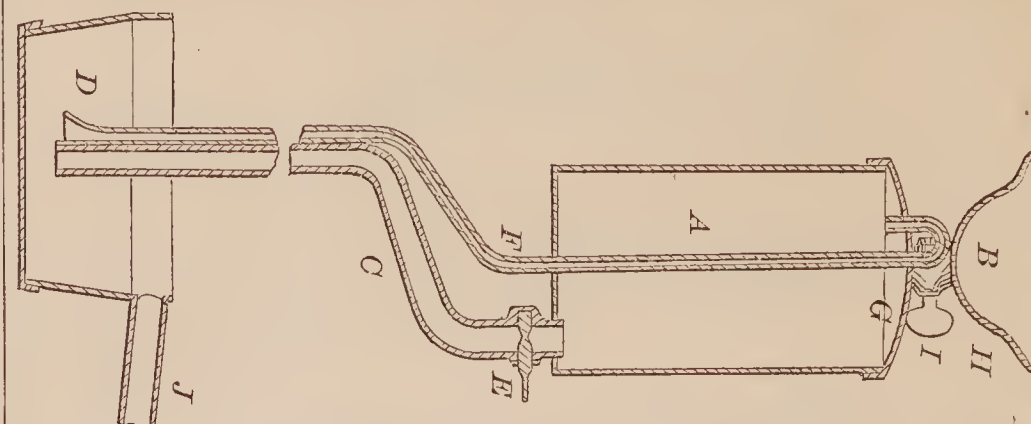
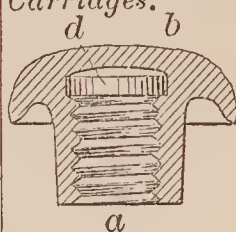
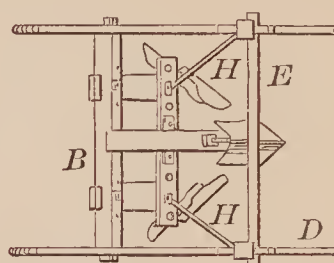
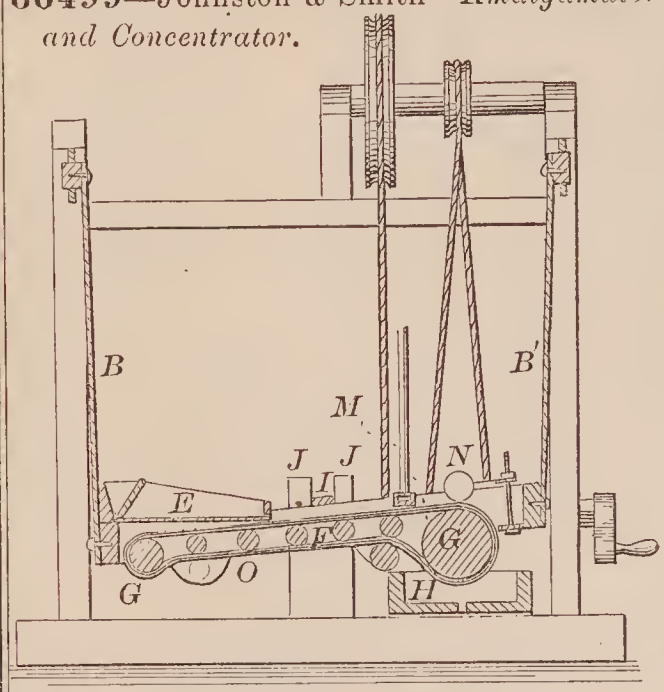
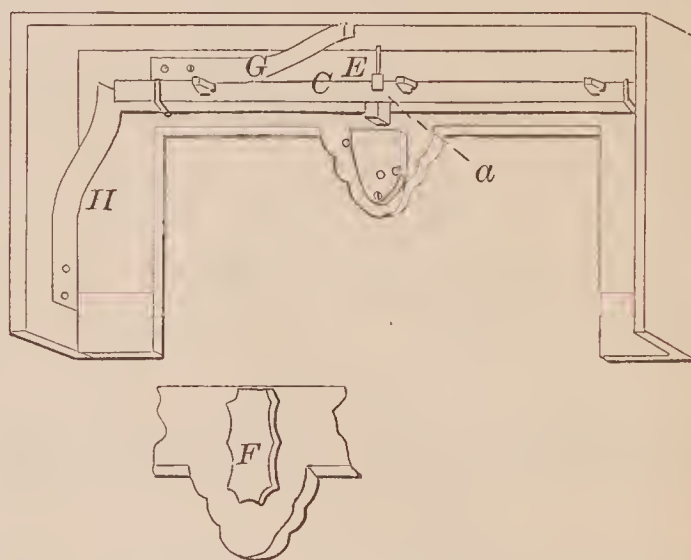
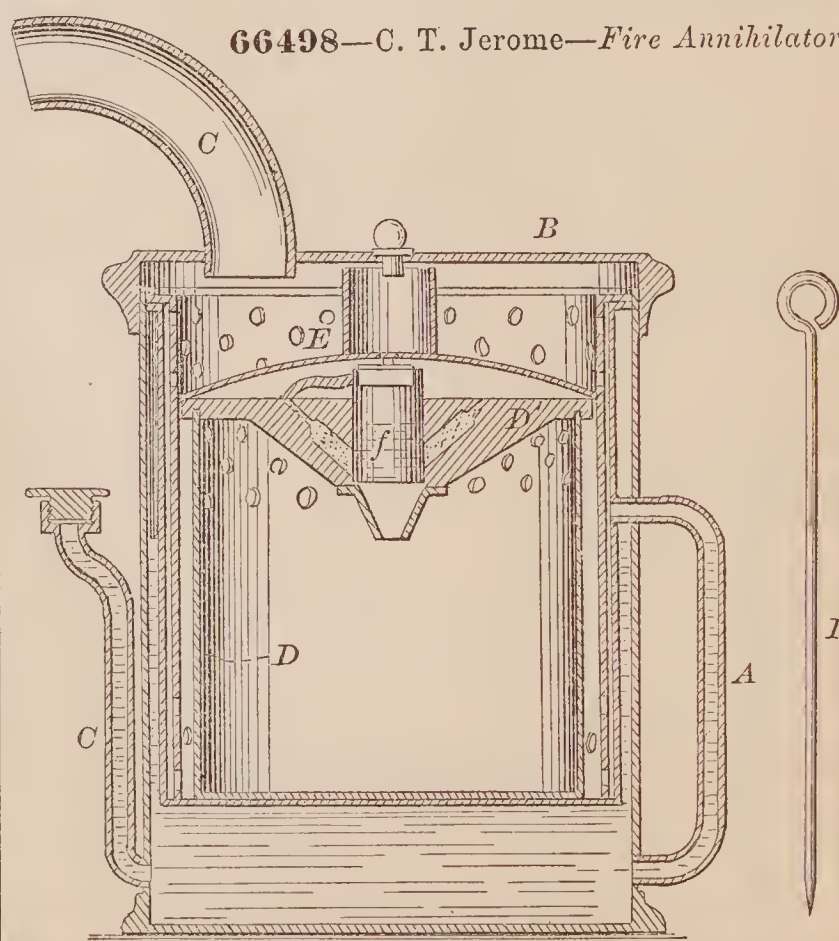
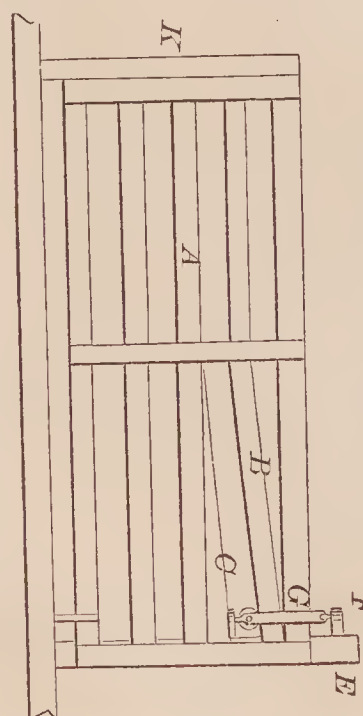


66490—D. F. Haasz—Bed Spring.

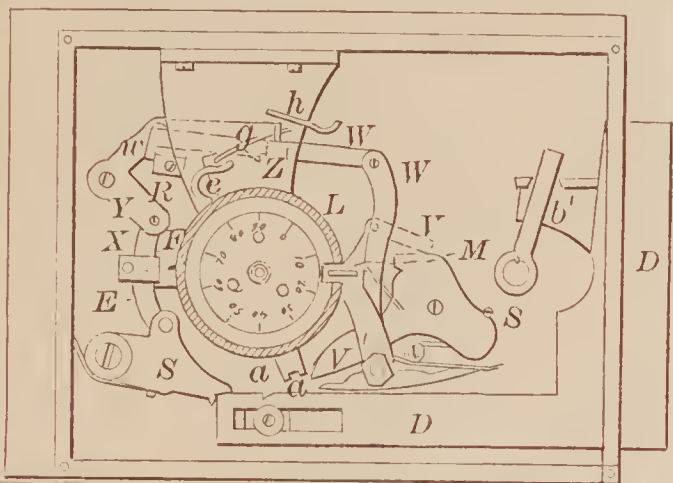
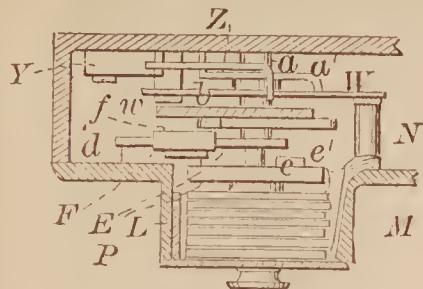


66491—Haskins & Hart—Cultivator.

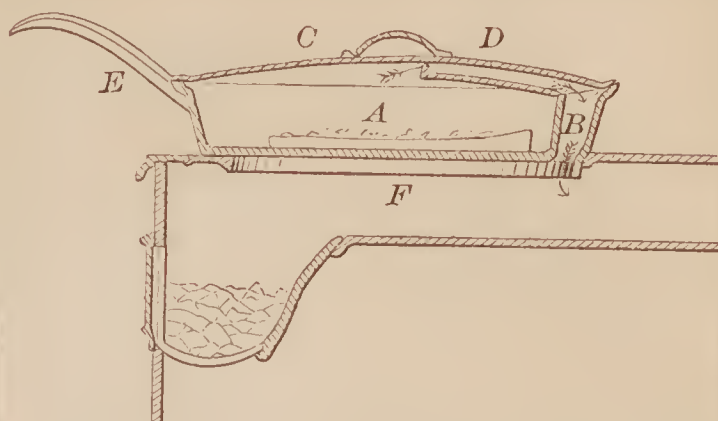


66492—W. F. Hellen—*Egg Tongs.*66494—H. Holcomb—*Automatic Feed for Steam Pans.*66496—J. Ives—*Top Prop Nut for Carriages.*66495—H. Ingraham—*Cultivator.*66499—Johnston & Smith—*Amalgamator and Concentrator.*66497—T. James—*Valise Lock.*66493—H. R. Hoagland—*Thill Attachment.*66498—C. T. Jerome—*Fire Annihilator.*66501—H. H. Kelly—*Farm Gate.*

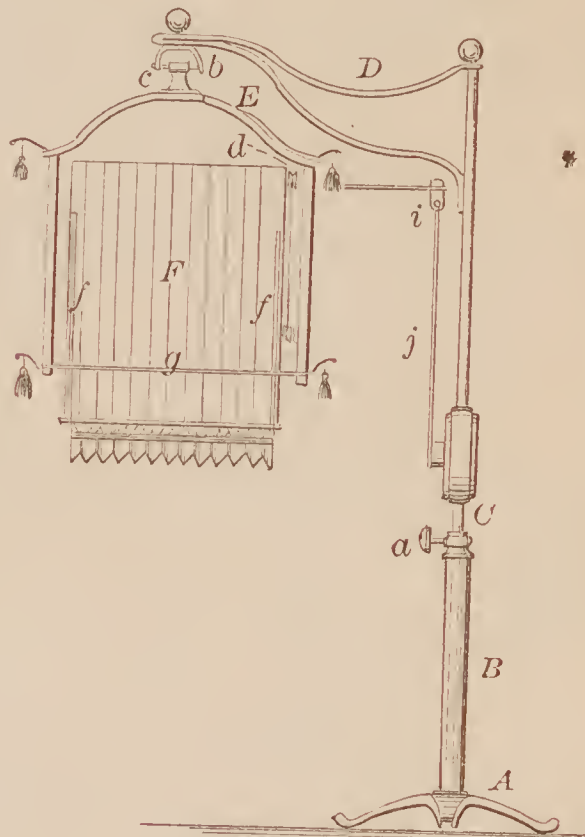
66502—W. F. Kistler—*Permutation Lock.*



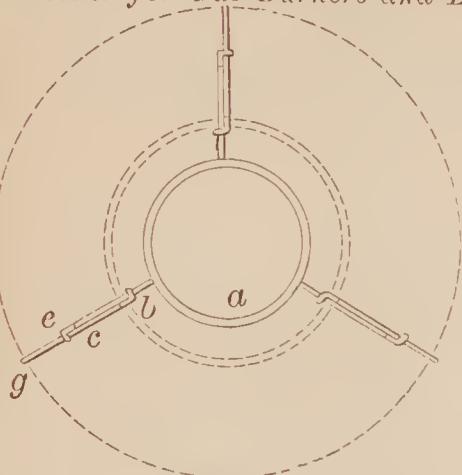
66503—G. H. Knight—*Frying Pan.*



66507—W. O. Loeffler—*Automatic Fan.*



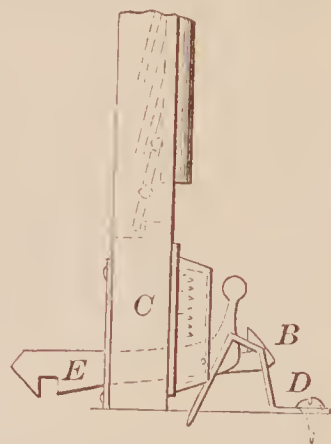
66504—H. Knowles—*Shade Holder for Gas Burners and Lamps.*



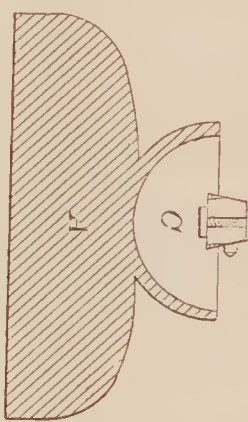
66505—S. Littlefield—Feed Bar for Sewing Machines.



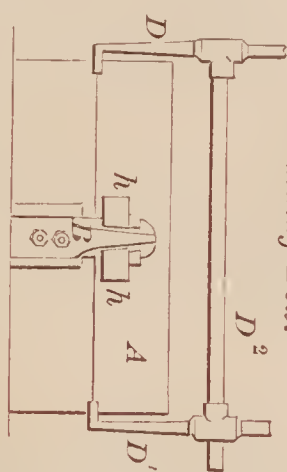
66510—N. F. Mathewson—
Window Blind Fastening.



66513—Minor & Colburn—
Tailors' Dragon Sharpener.



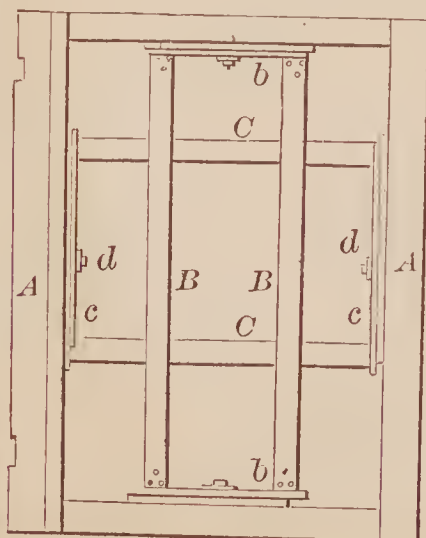
66508—T. L. Lunders—
Moulding Box.



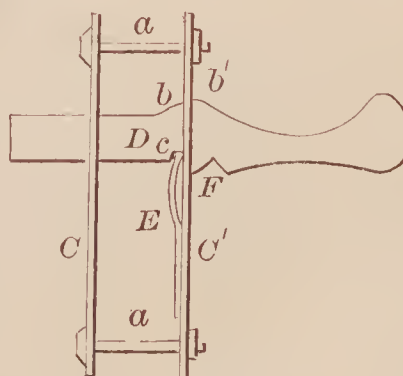
66506—I. A. Livingston—*Well Tube and Point.*

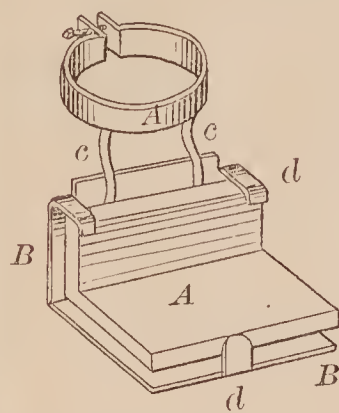
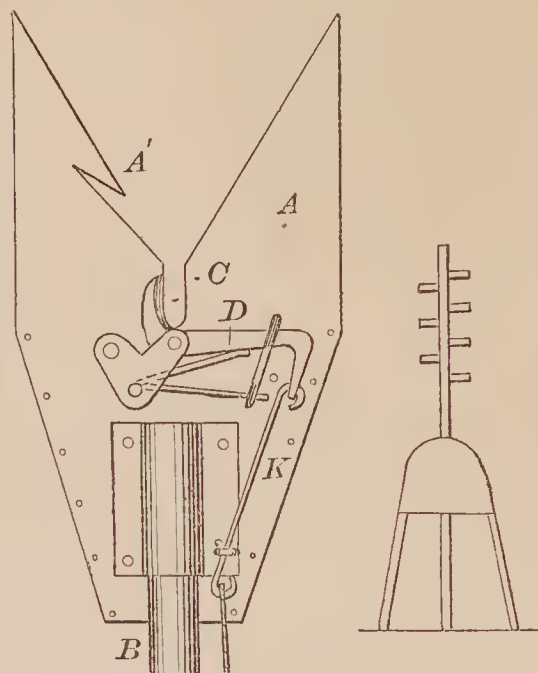
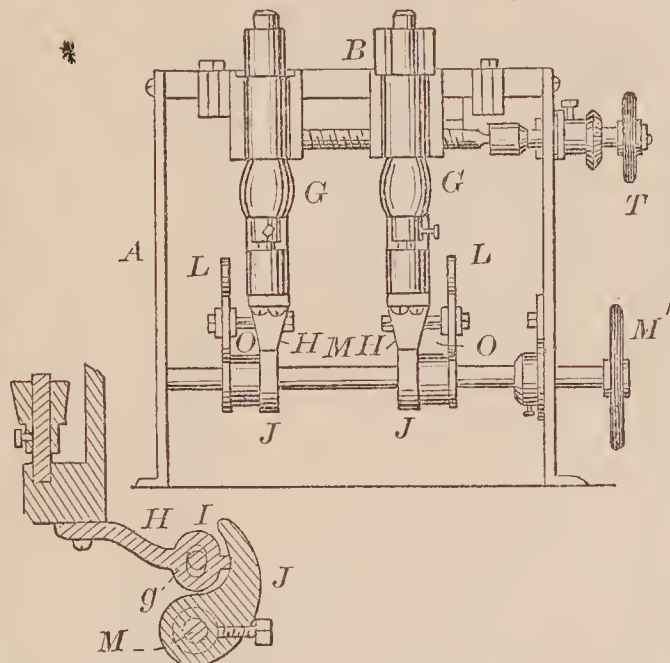
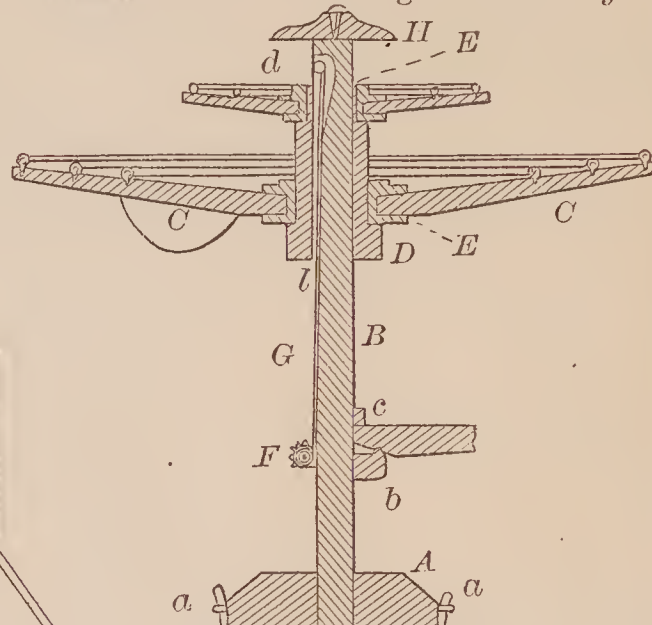
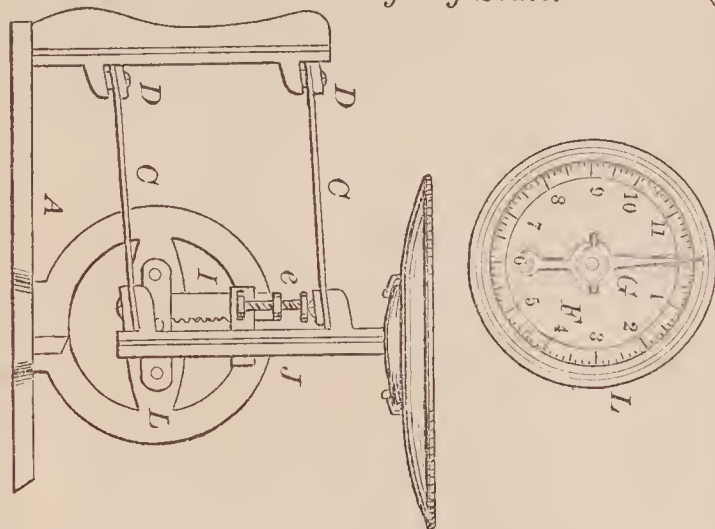
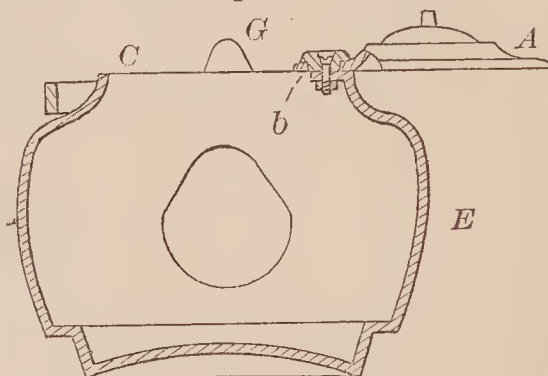
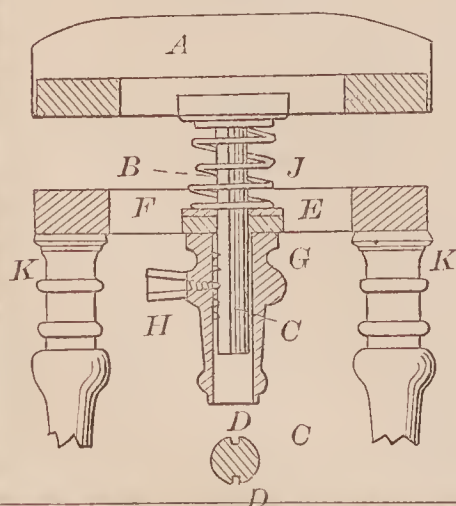
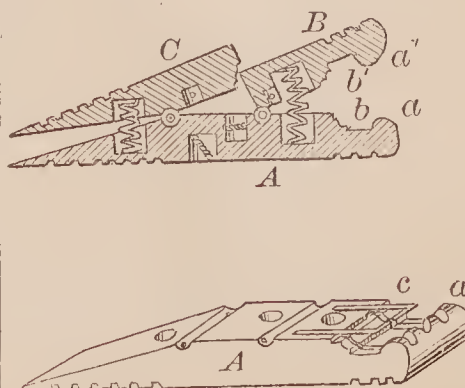
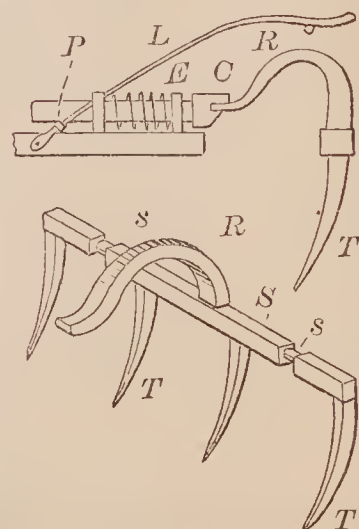


66514—J. N. Murray—*Printers' Chase.*

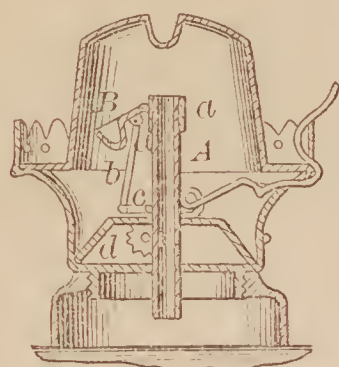


66515—E. Nicholson—*Gate Latch.*

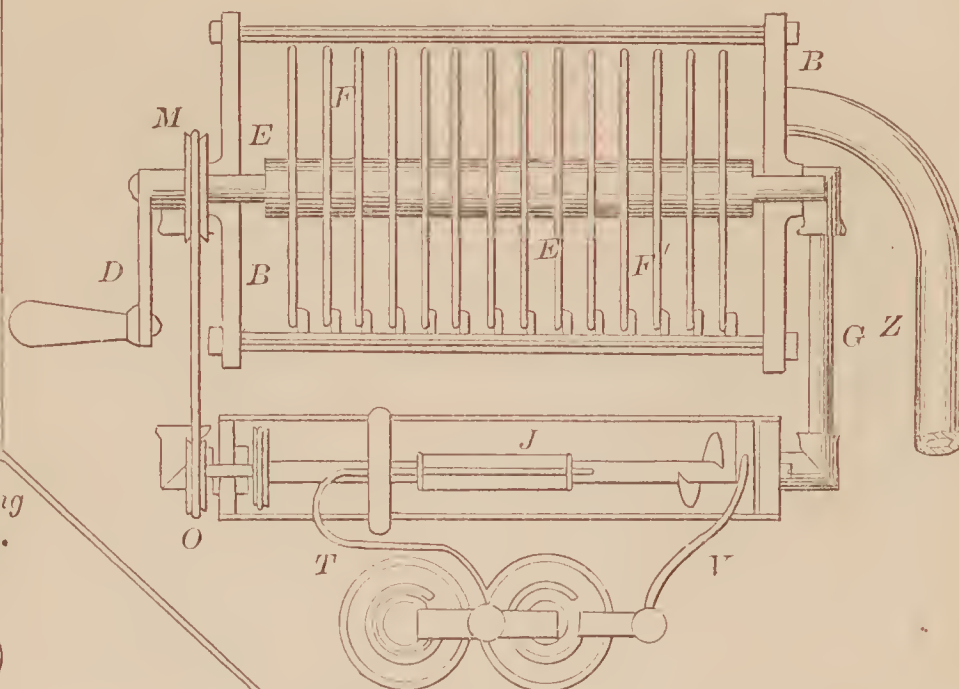


66516—L. Olds—*Stove Pipe Shelf.*66518—Perry & Torrey—*Manufacture of Rubber Hose.*66517—S. Page—*Fruit Picker.*66519—F. J. Plummer—*Planing Machine.*66520—W. F. Redding—*Clothes Dryer.*66524—R. Shaler—*Weighing Scale.*66521—E. Ripley—*Tea Kettle.*66522—G. Schmidt—*Piano Forte Stool.*66523—E. Seaver—*Clothes Pin.*66525—A. H. Shock—*Manure Drag.*

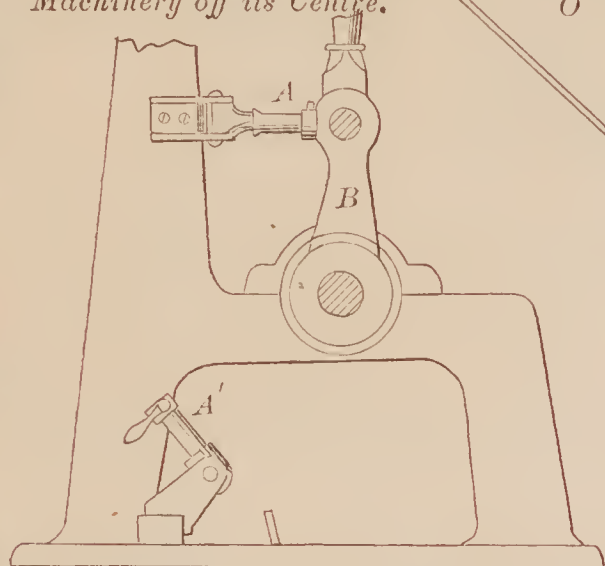
66526—Simpson & Edmunds—*Lamp Extinguisher.*



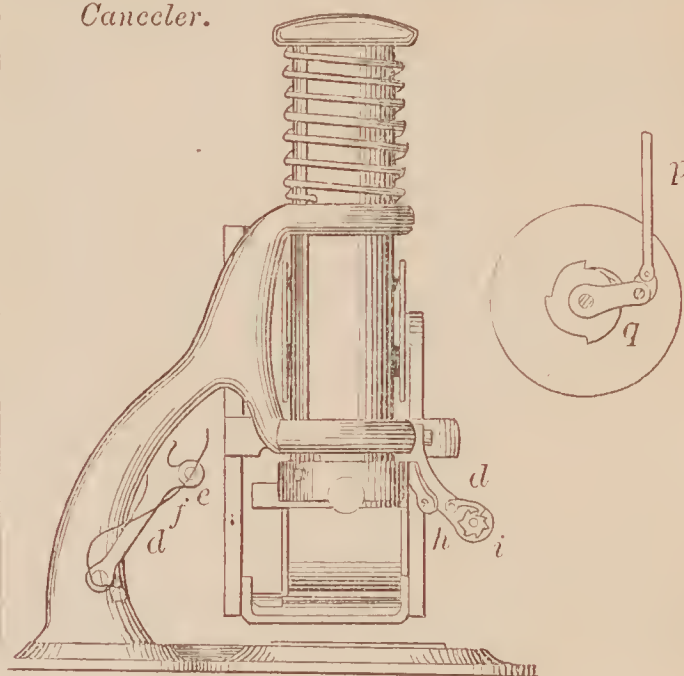
66529—H. J. Smith—*Amalgamating Precious Metals.*



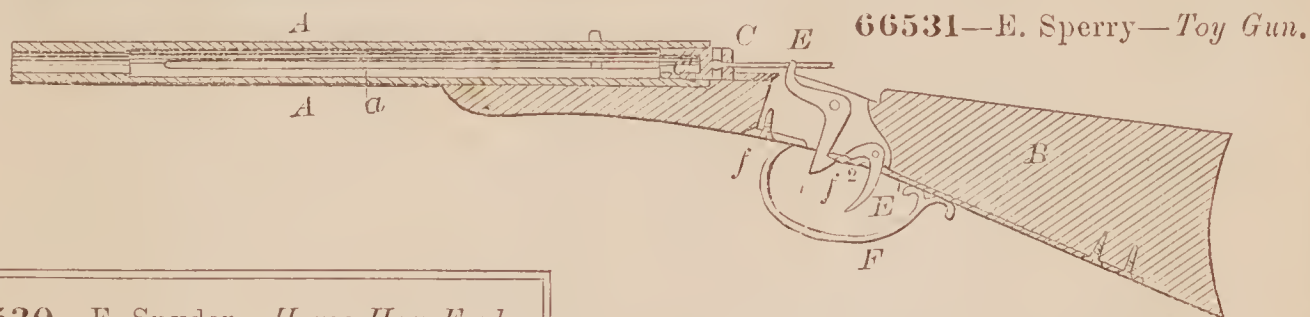
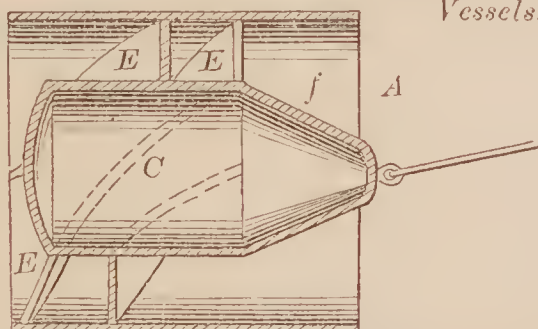
66527—A. Sims—*Starting Machinery off its Centre.*



66528—T. A. Slack—*Stamp Affixer and Canceller.*

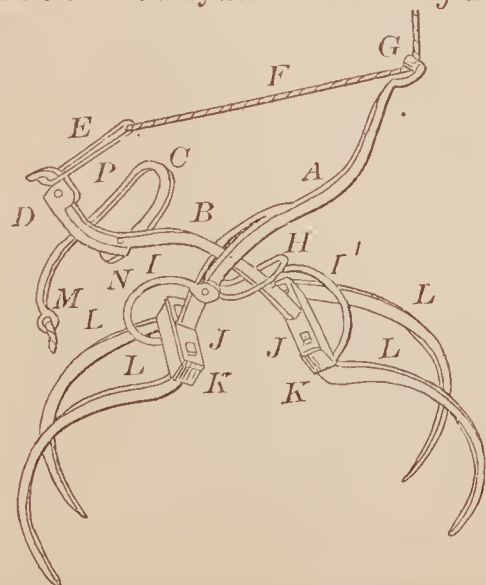


66532—J. Spilman—*Floating Wheel for Vessels.*

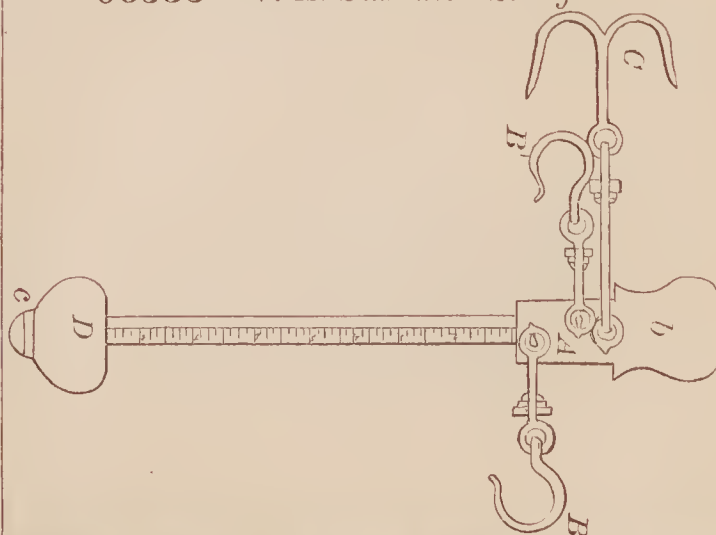


66531—E. Sperry—*Toy Gun.*

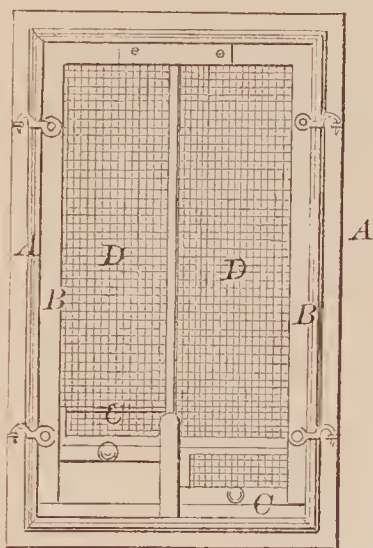
66530—F. Snyder—*Horse Hay Fork.*



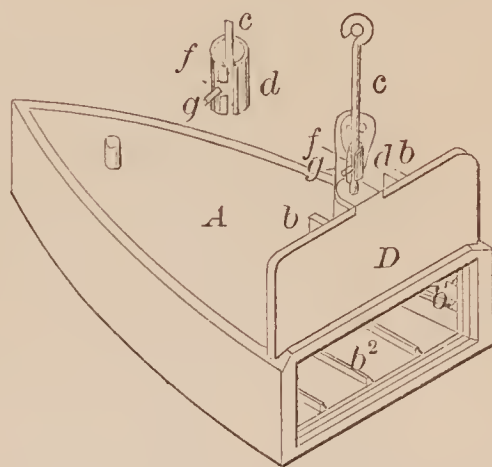
66533—W. A. Starratt—*Steelyards.*



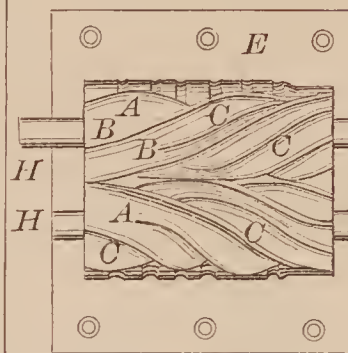
66534—T. Stover—*Mosquito Screen.*



66535—E. H. Taylor—*Sad Iron.*



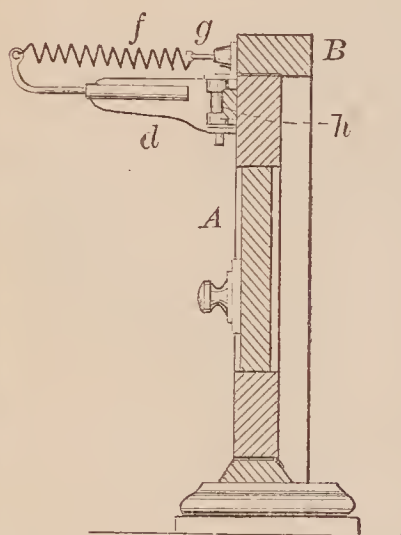
66536—W. H. Thomas—*For Grinding Clay.*



66539—E. Waite—*Carpet Wadding.*



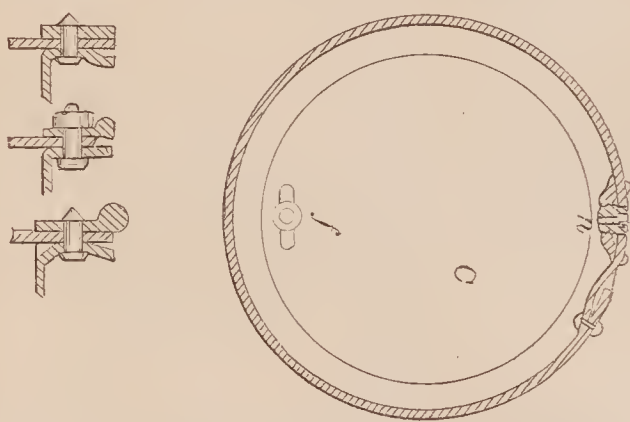
66538—T. Van Kannel—*Door Spring.*



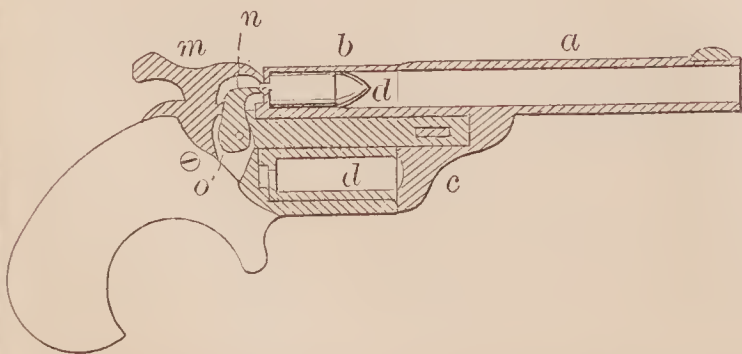
66537—T. Thuber—*Piston Packing.*



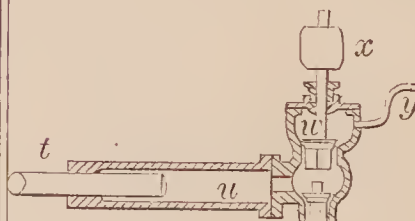
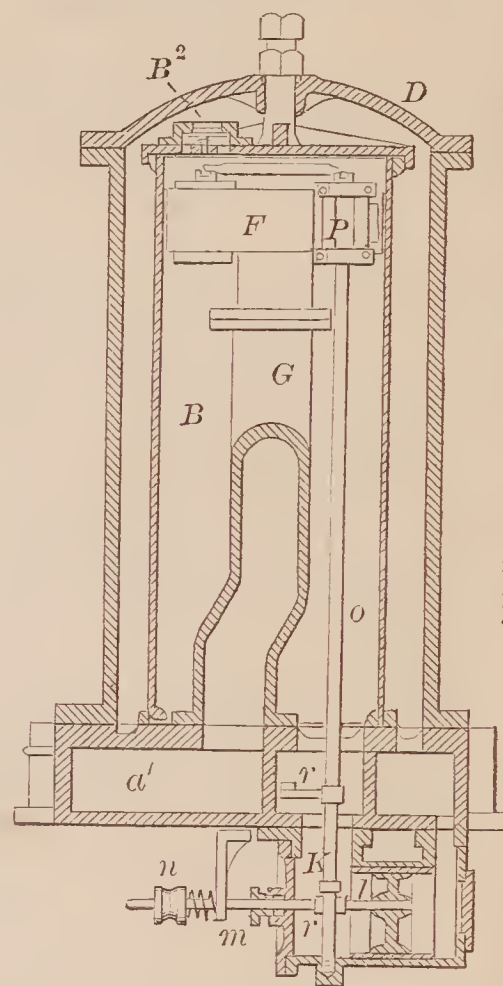
66540—M. Wappich—*Joint of Metallic Casks.*



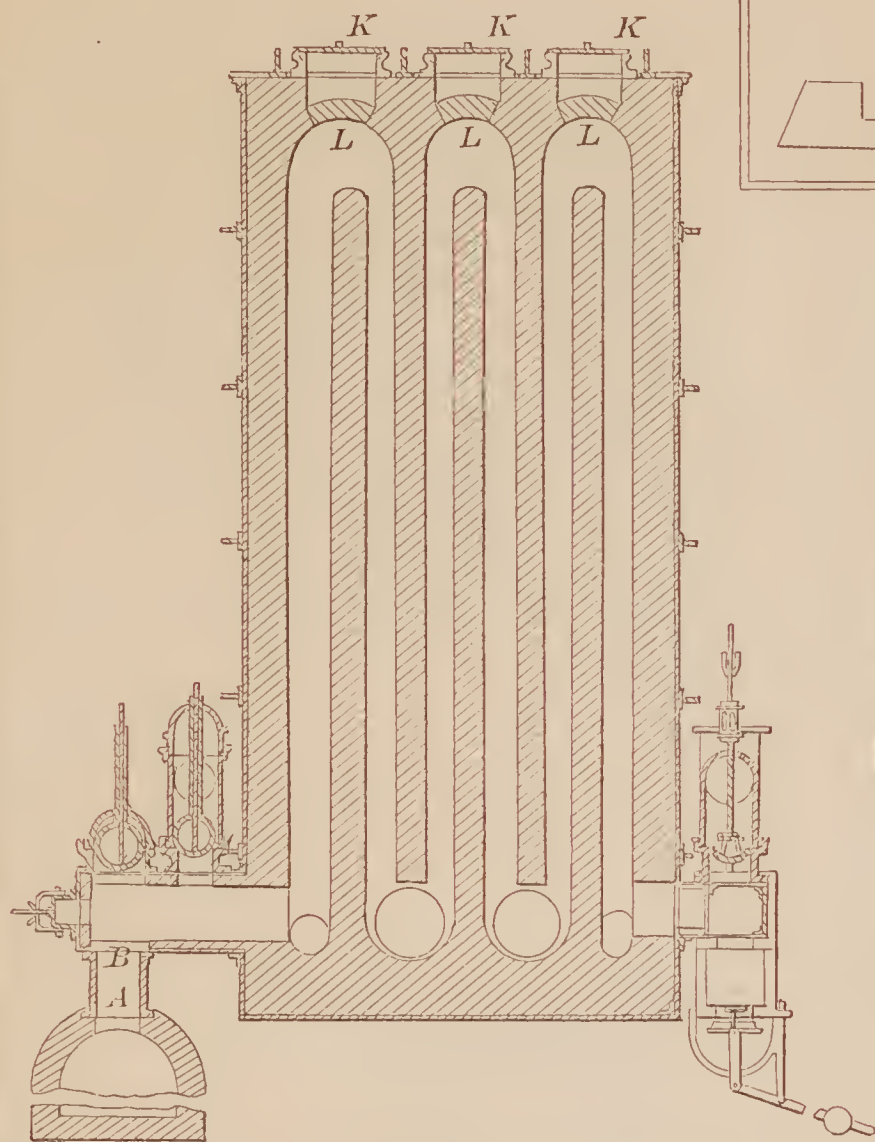
66542—R. White—*Revolving Fire Arm.*



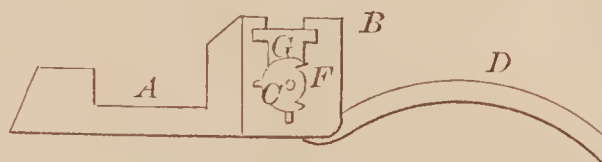
66541—N. W. Wheeler—*Condenser.*



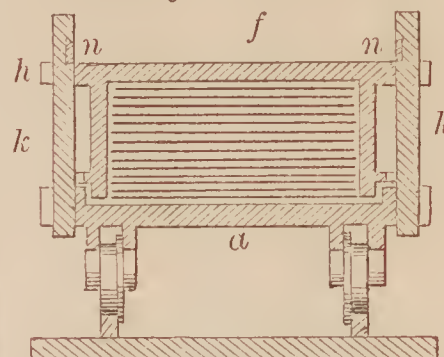
66543—T. Whitwell—*Blast Furnace.*



66544—C. A. Willard—*Carriage Shaft Coupling.*



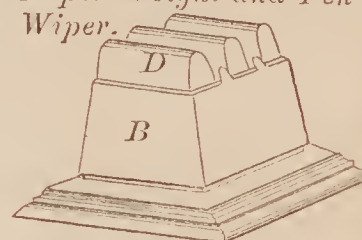
66546—W D Wood—*Annealing Sheet Iron.*



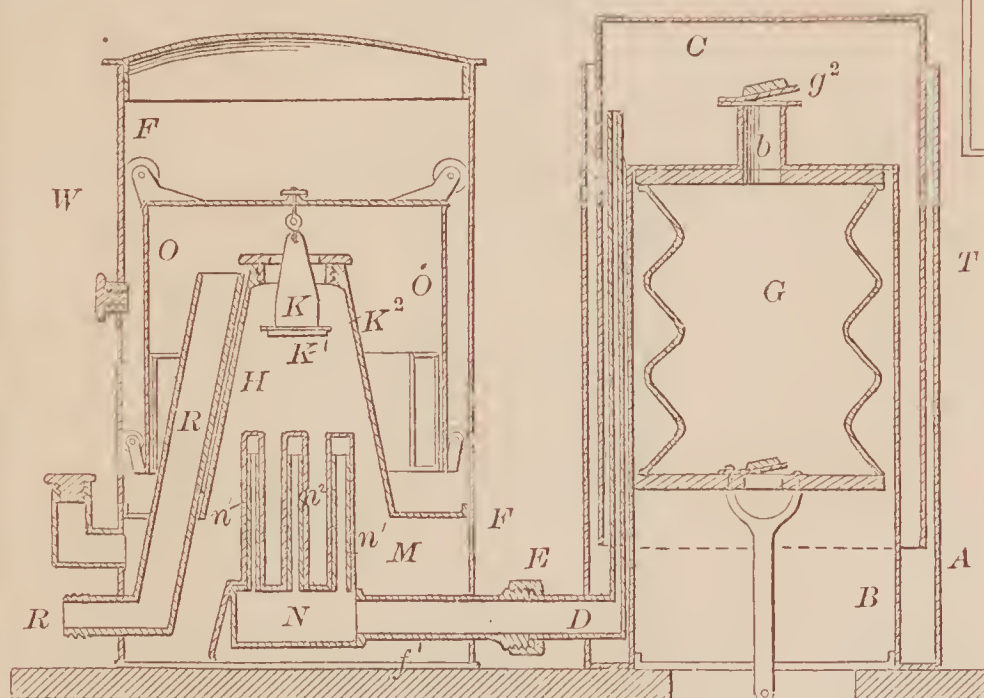
66548—F. Ashley—*Boot and Shoe Sole.*



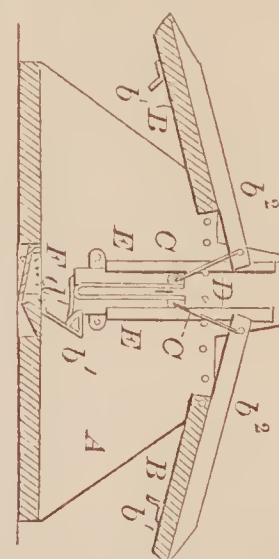
66547—D. W. Wright—*Paper Weight and Pen Wiper.*



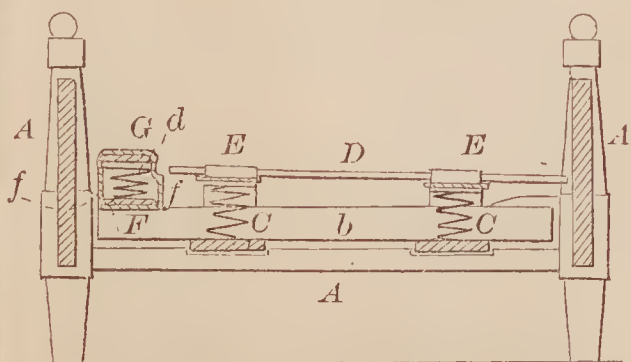
66545—J. S. Wood—*For Carburetting Air.*



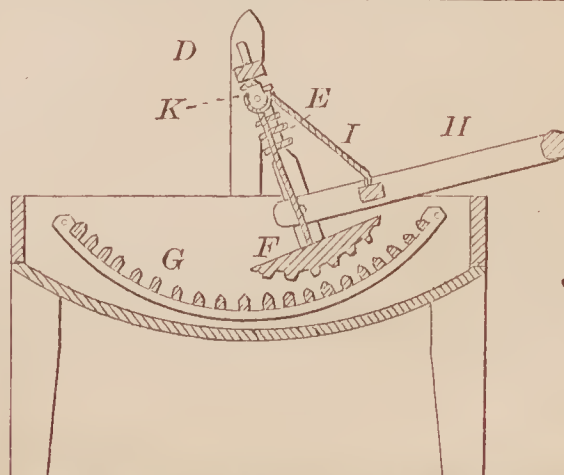
66550—L. V. Badger—*Animal Trap.*

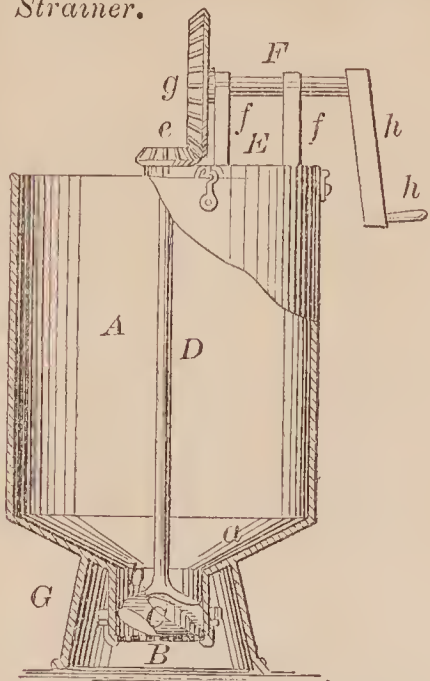
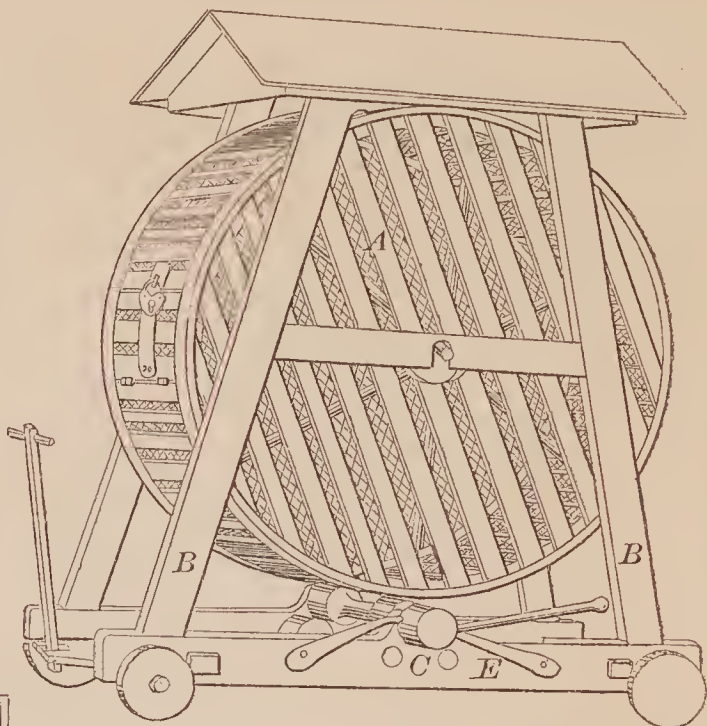
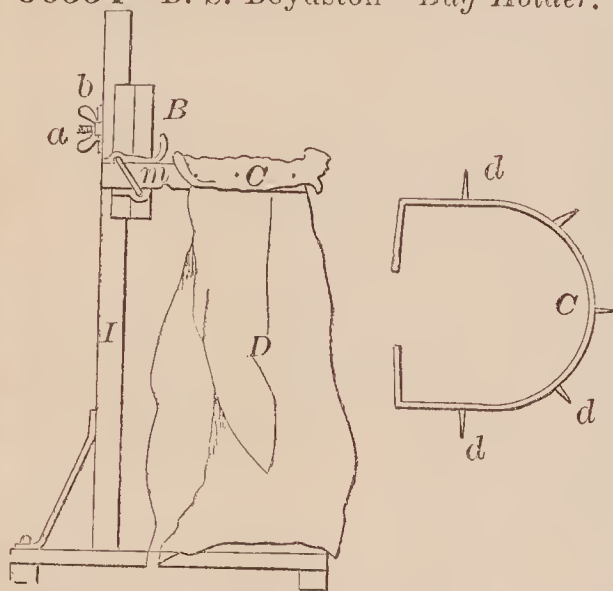
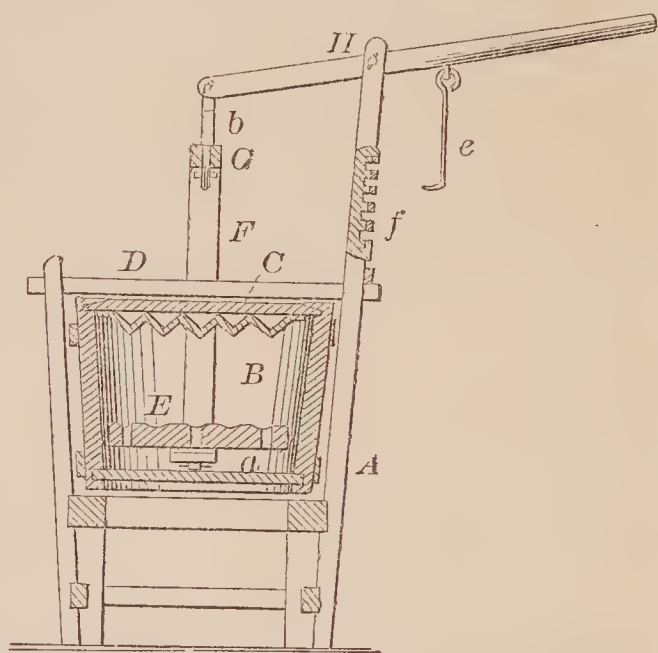
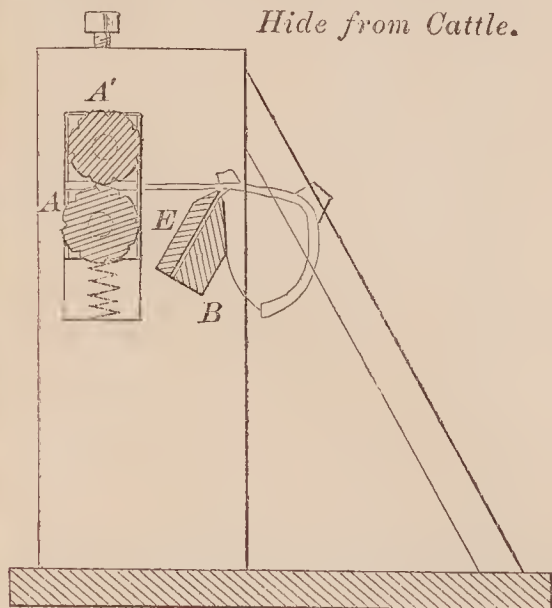
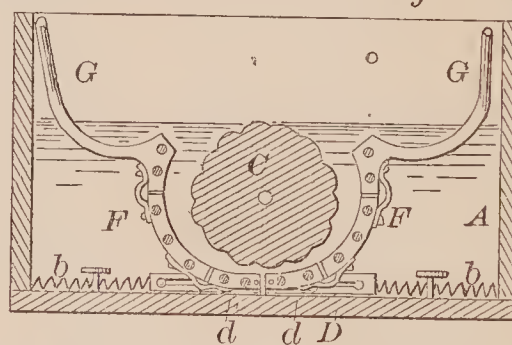
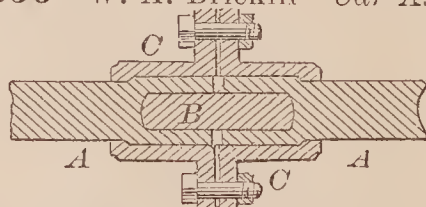
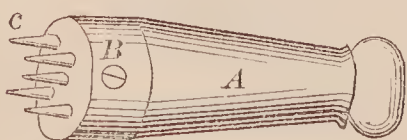
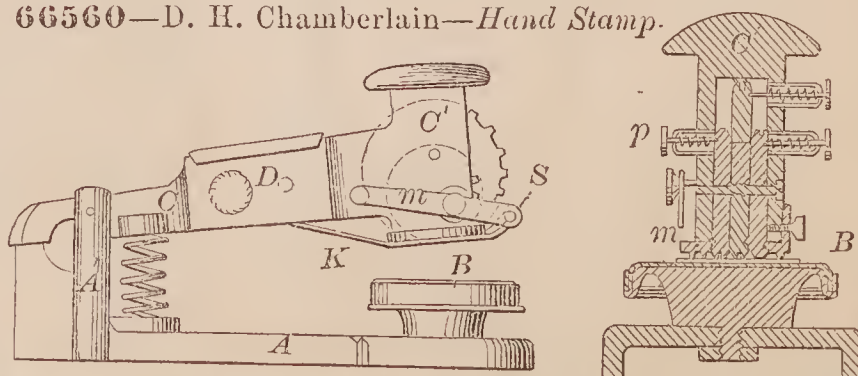


66549—D. Babcock—*Bed Bottom.*

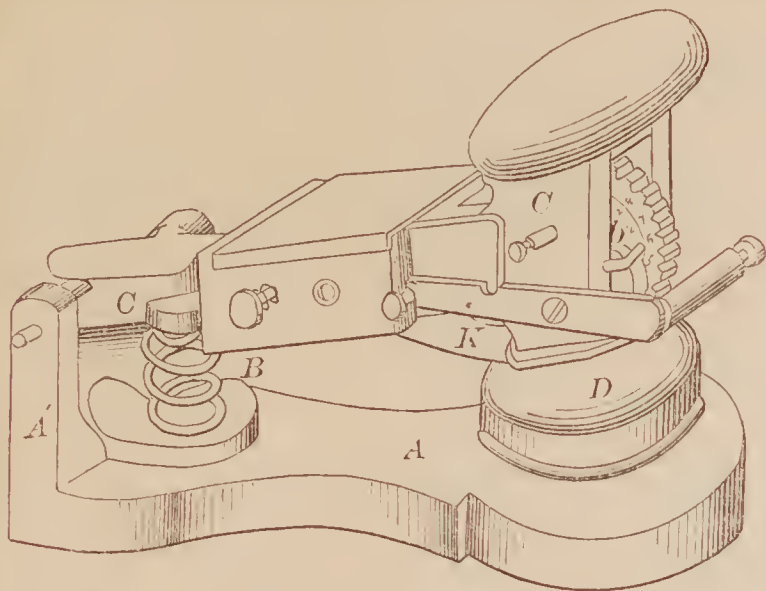


66551—D. S. Beckley—*Washing Machine.*

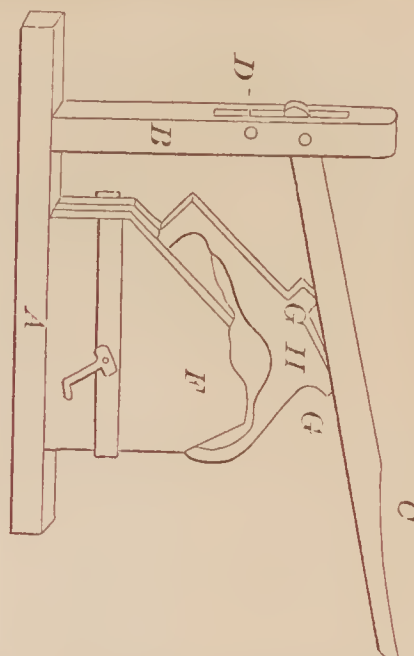


66552—G. J. Bennett—*Cream Strainer.*66559—J. Burt—*Grain Dryer.*66554—B. S. Boydston—*Bag Holder.*66553—W. Bicknell—*Washing Machine.*66558—C. Bruhl—*For Stripping the Hide from Cattle.*66555—S. Brackett—*Washing Machine.*66556—W. A. Brickill—*Car Axle.*66557—J. H. Bridgins—*Ice Pick.*66560—D. H. Chamberlain—*Hand Stamp.*

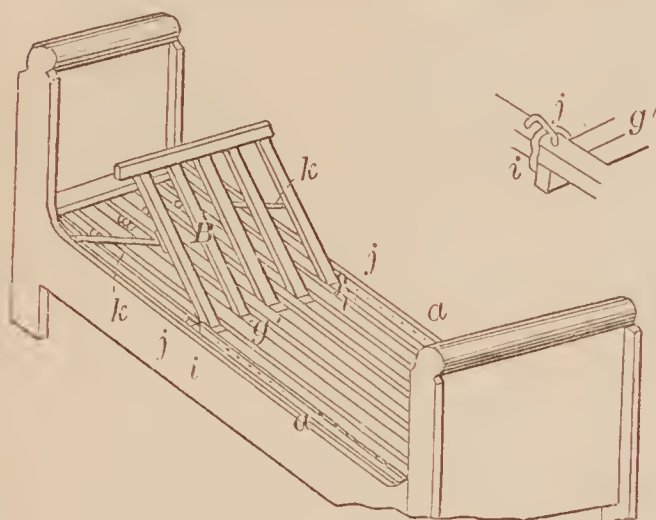
66561—D. H. Chamberlain—*Hand Stamp.*



66566—H. Conklin—*Boot Crimping Machine.*



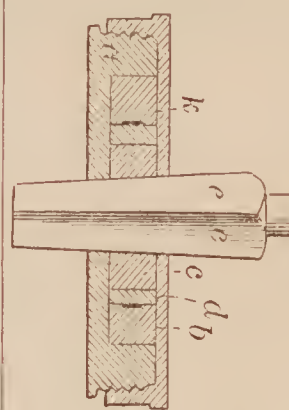
66564—D. C. Colby—*Bed Bottom.*



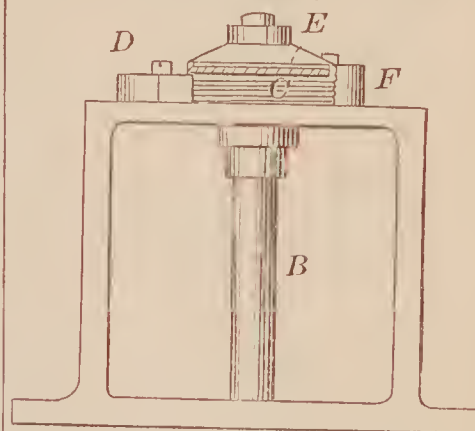
66563—D. W. Colburn—*Axe.*



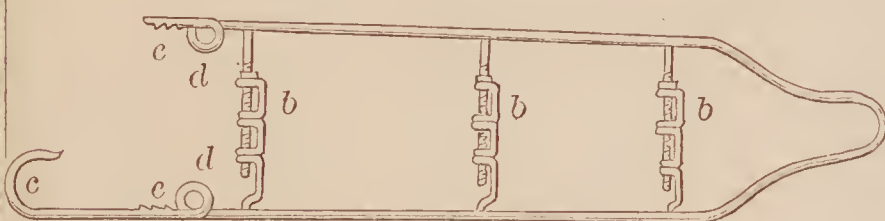
66562—N. L. Chamberlain—*Die for Raising Letters.*



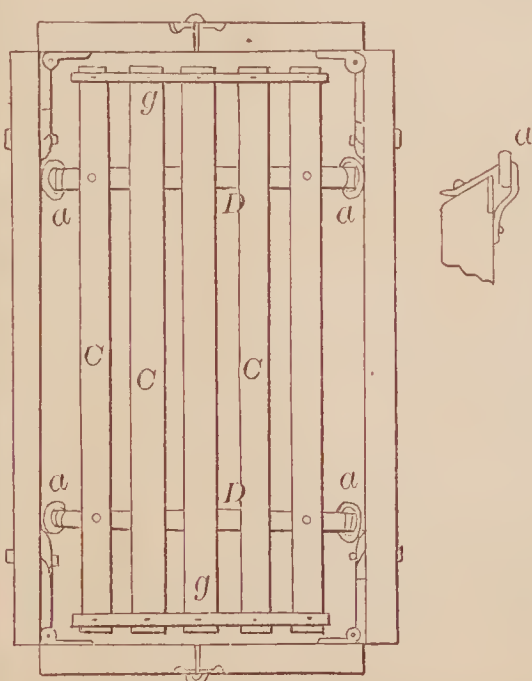
66568—E. Croft—*For Making Screws.*



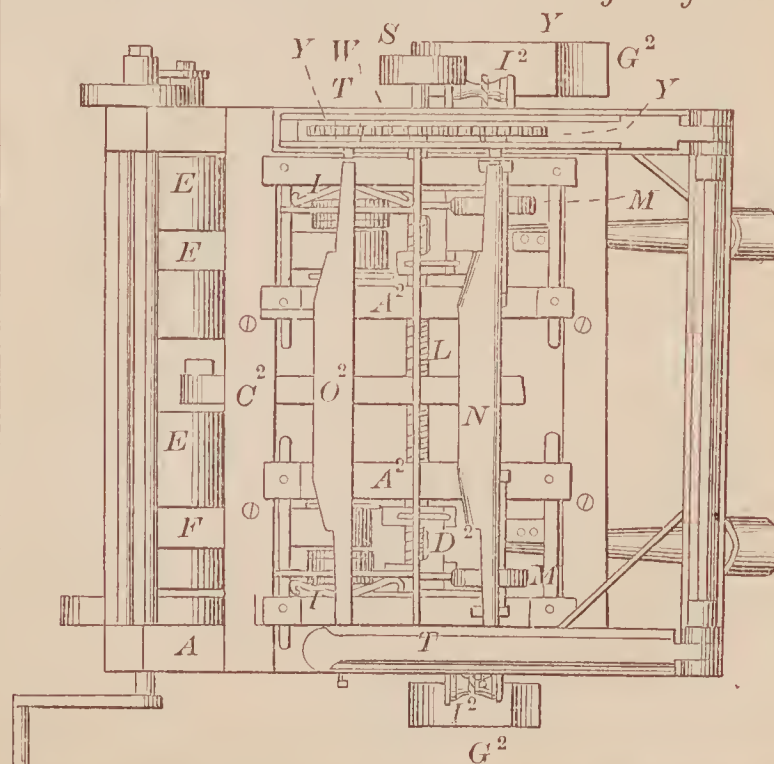
66565—V. Colvin—*For Stretching and Drying Skins.*

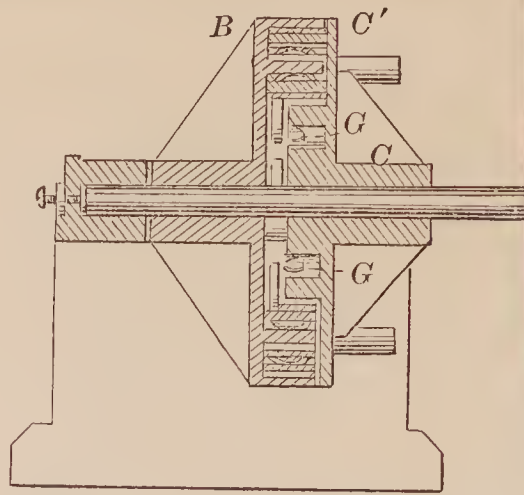
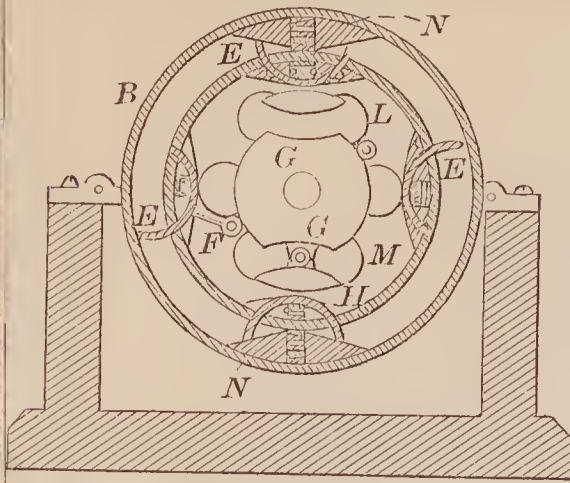
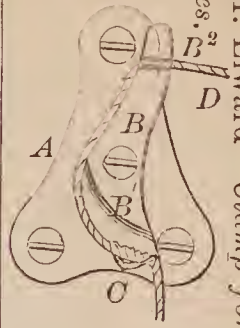
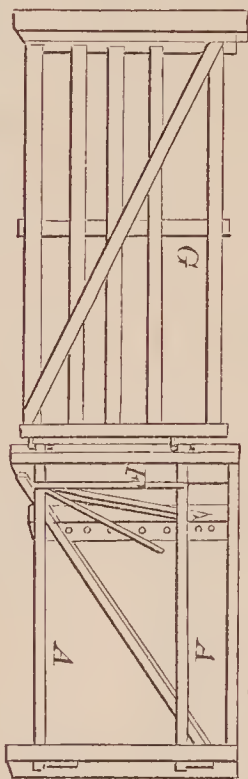
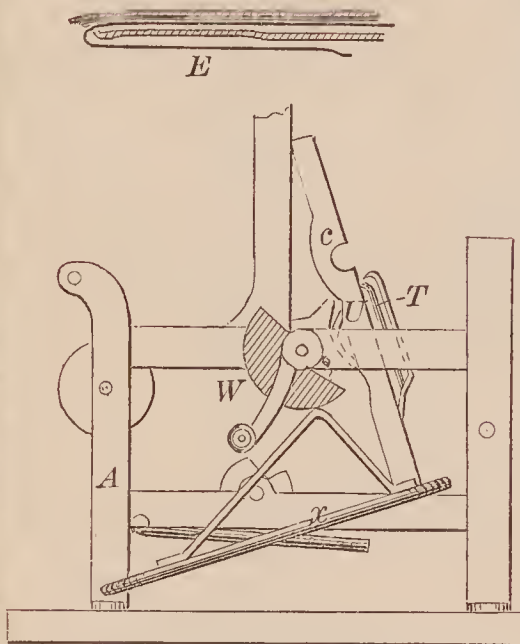
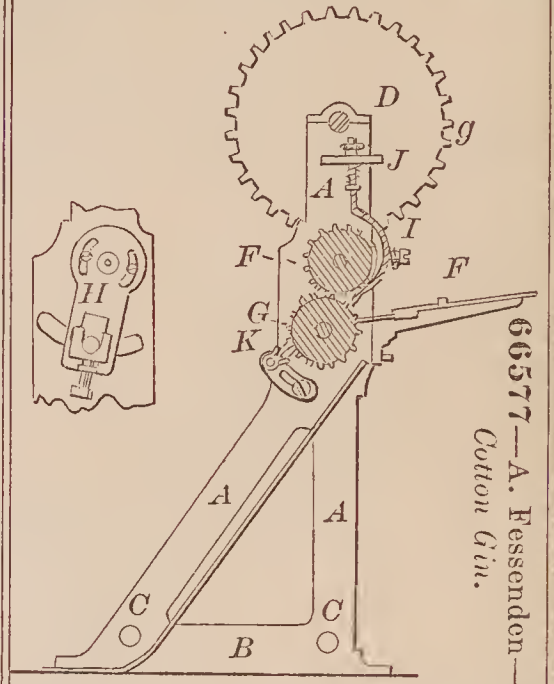
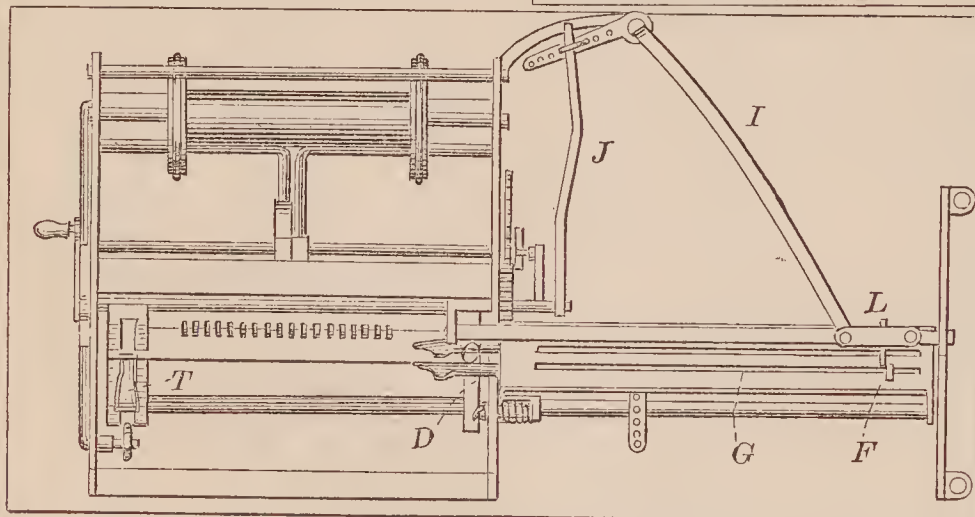
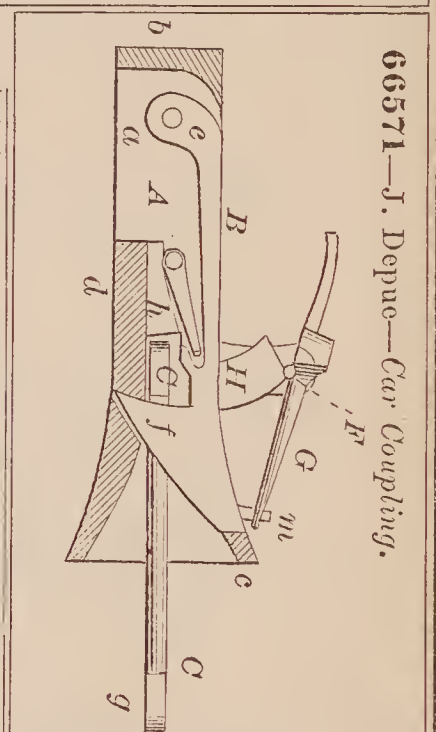
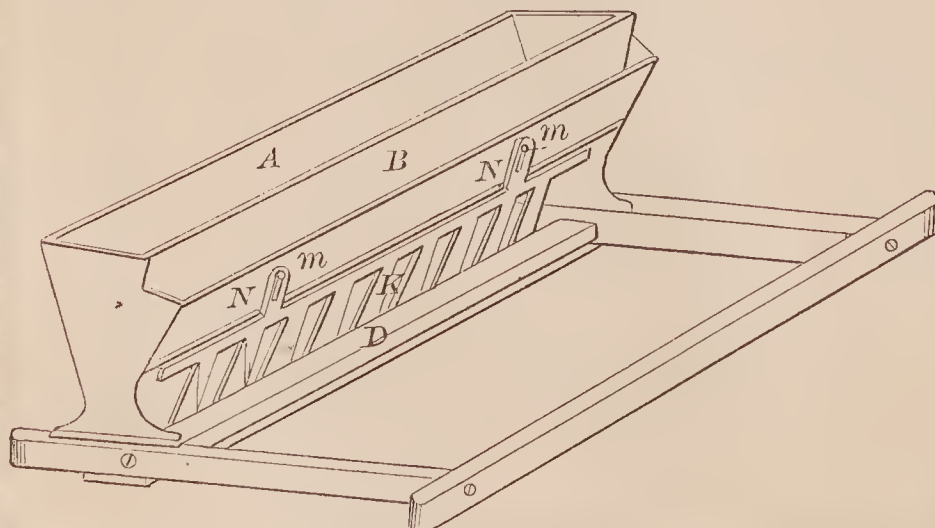
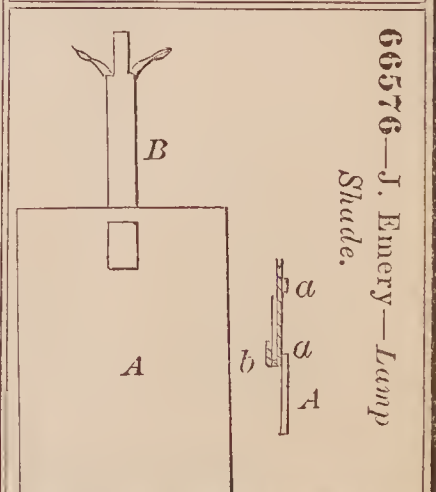


66567—H. A. Cooke—*Bed Bottom.*

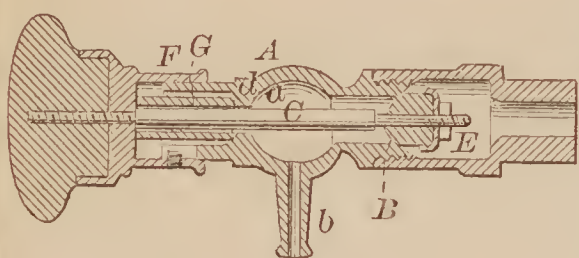


66569—J. E. Cromwell—*For Forming Wagon Axles.*

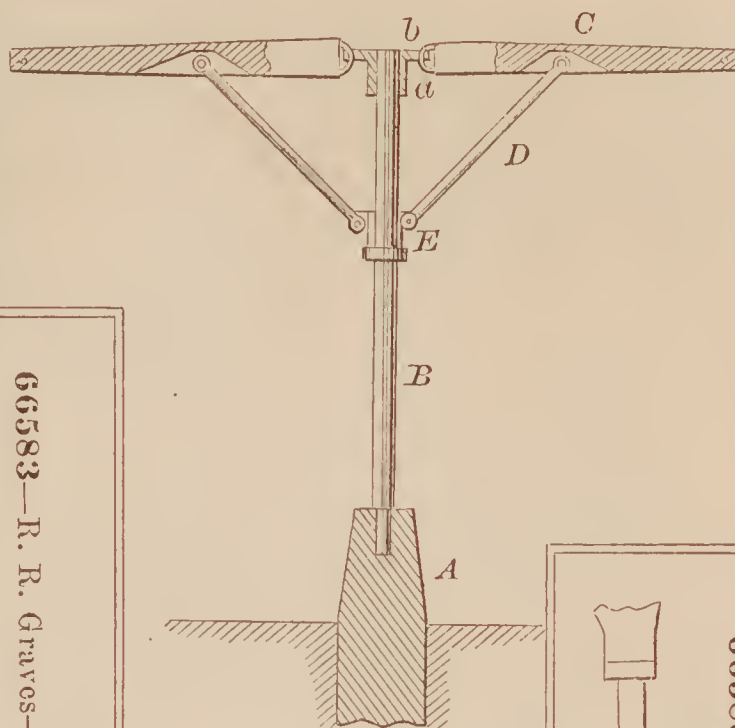


66570—J. Darling—*Rotary Steam Engine.*66575—J. H. Elward—*Clamp for Ropes or Wires.*66574—J. Earnshaw—*Loom.*66572—W. R. Dugdale—*Gate.*66577—A. Fessenden—*Cotton Gin.*66578—J. P. Fulghum—*Seed Drill.*66571—J. Depue—*Car Coupling.*66576—J. Emery—*Lamp Shade.*

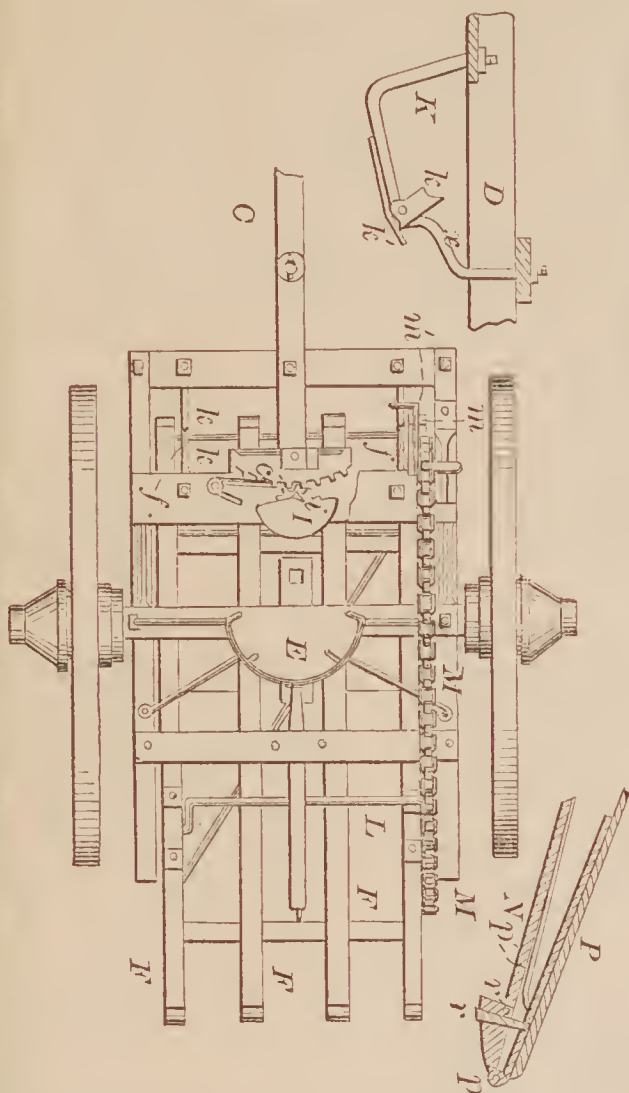
66579—A. Fuller—*Gauge Cock.*



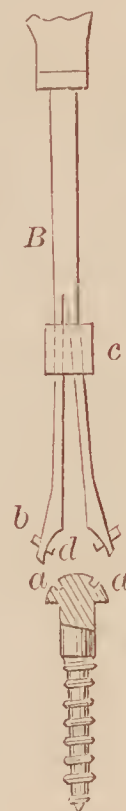
66582—H. Gransden—*Clothes Dryer.*



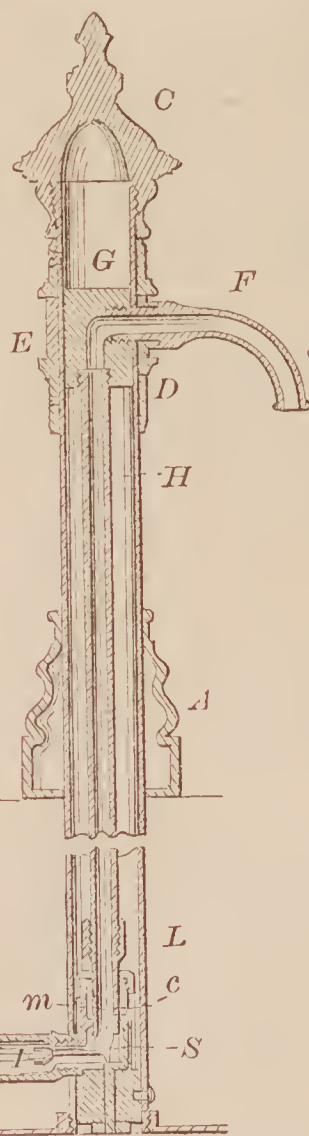
66583—R. R. Graves—*Gang Plow.*



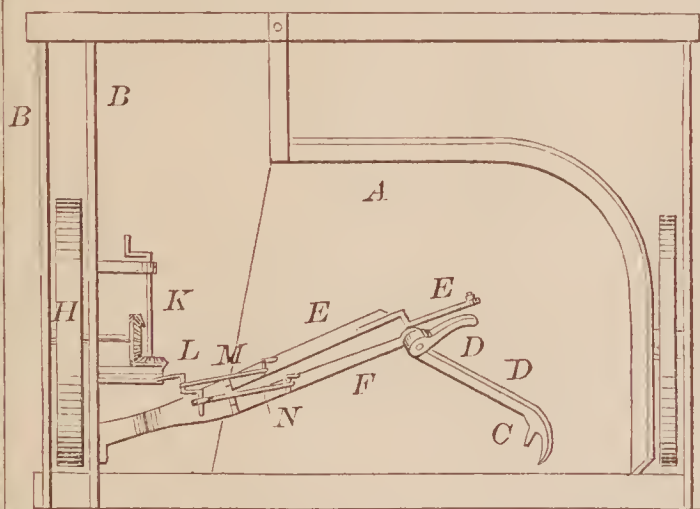
66585—H. A. Harvey—*Screw.*



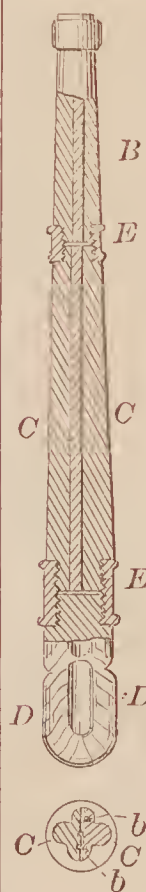
66580—A. Fuller—*Hydrant Valve.*



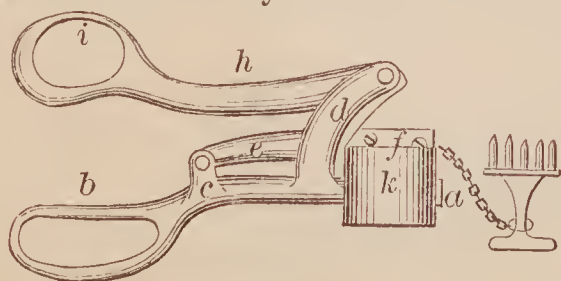
66584—J. C. Hall—*Harvester Rake.*



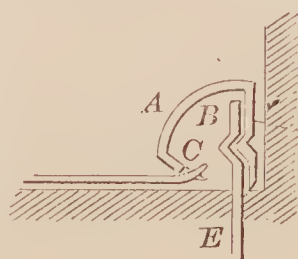
66586—J. Harvey—*Bone Handle for Cunes.*

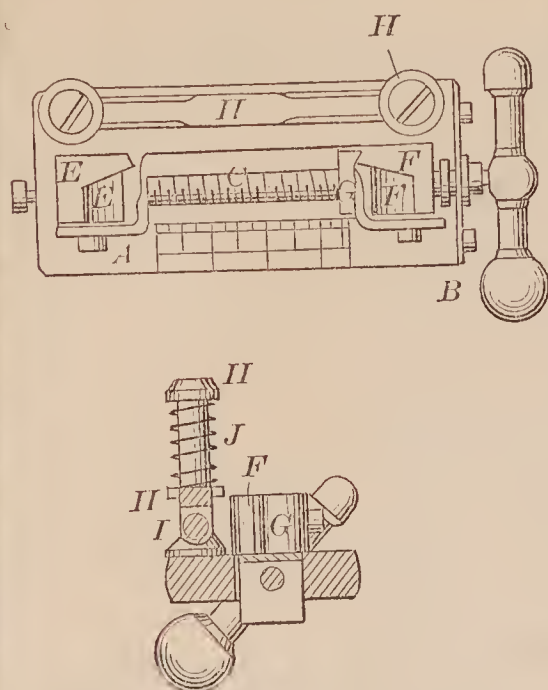
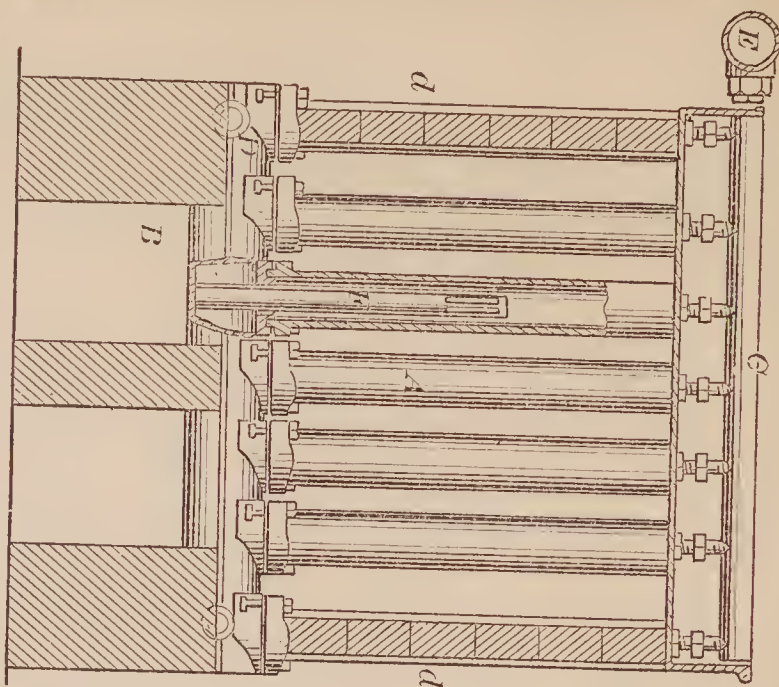
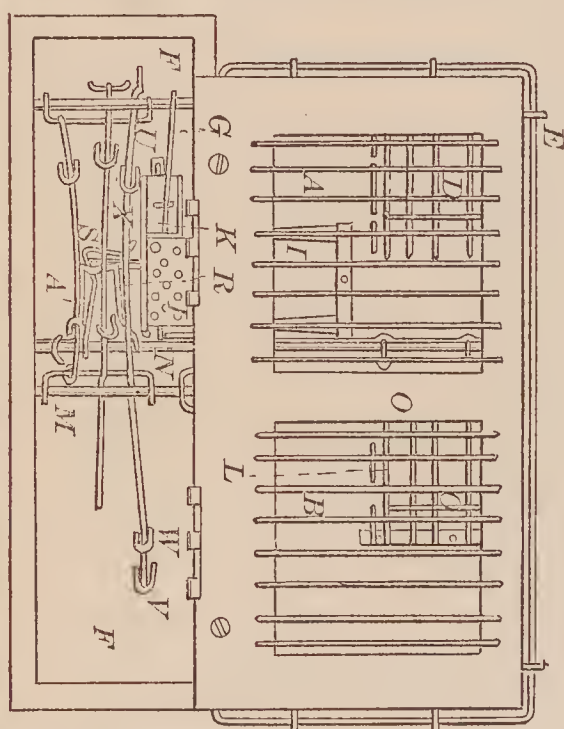
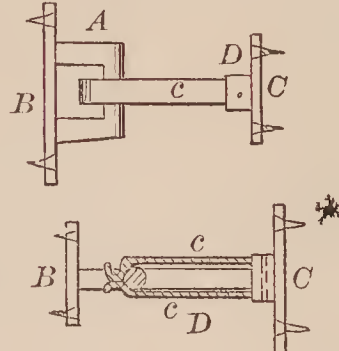
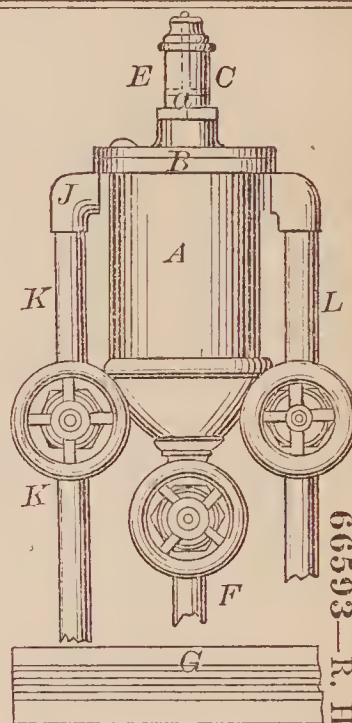
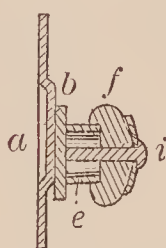
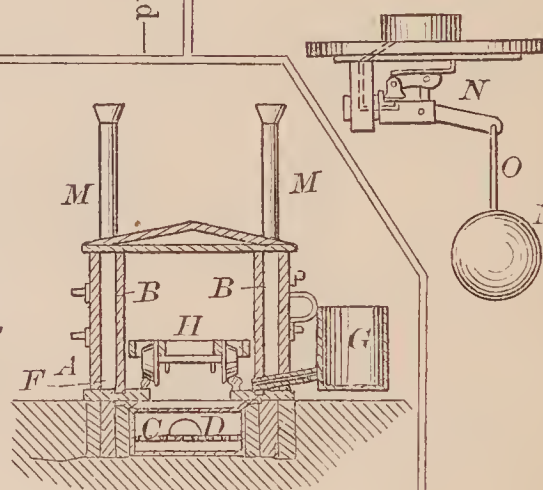
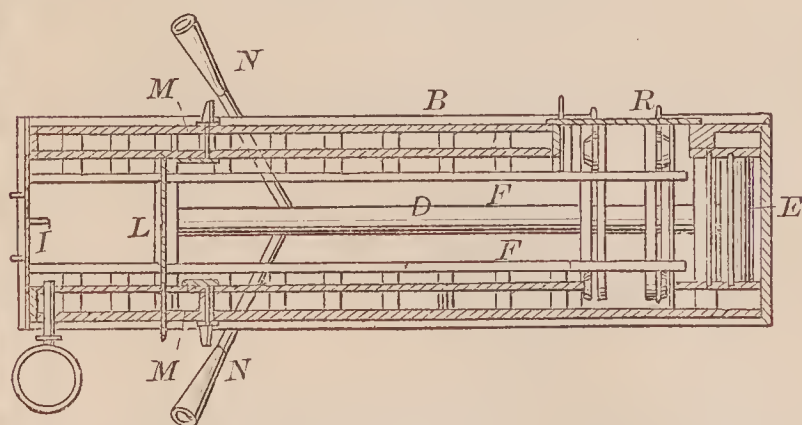
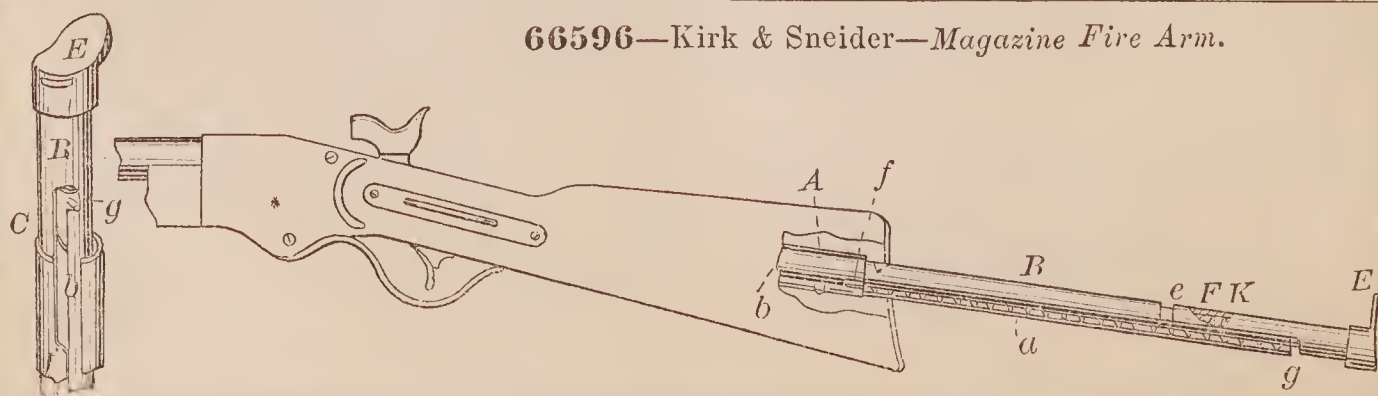


66587—E. K. Haynes—*Hand Tobacco Cutter.*

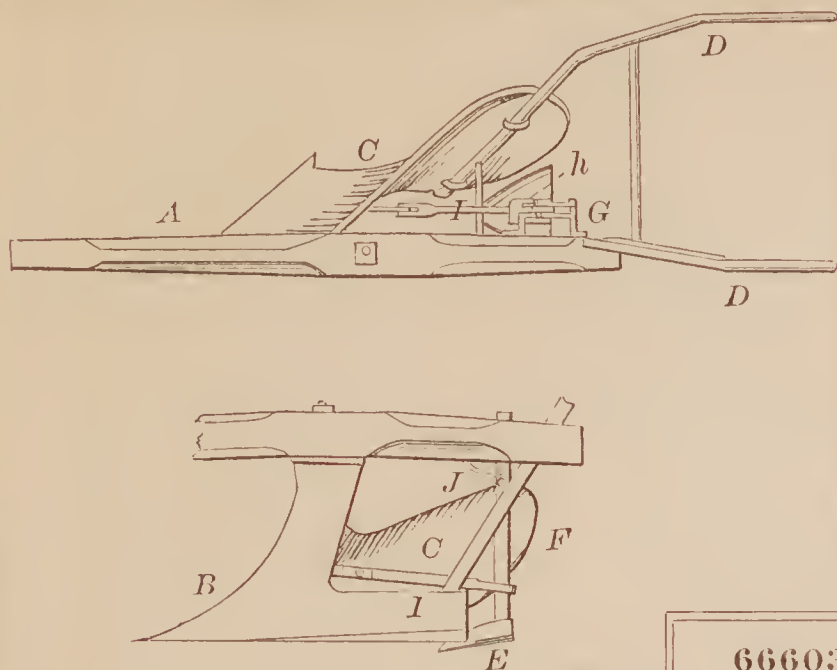


66588—L. S. Hicks—*Carpet Fastener.*

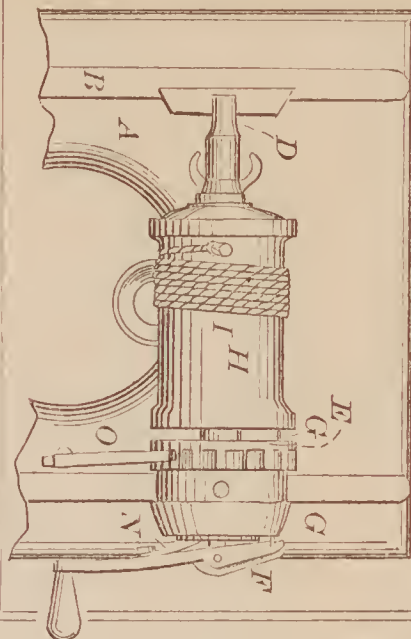


66589—A. V. Hill—*Tug Trimmer.*66590—Howard & Bousfield—*Steam Generator.*66592—G. Irwin—*Animal Trap.*66591—E. Huddart—*Door Holder.*66595—A. D. Judd—*Cupboard Latch.*66593—R. H. Jackson—*Boiler Safety Gauge.*66594—R. P. Johnson—*For Drying Lumber.*66596—Kirk & Sneider—*Magazine Fire Arm.*

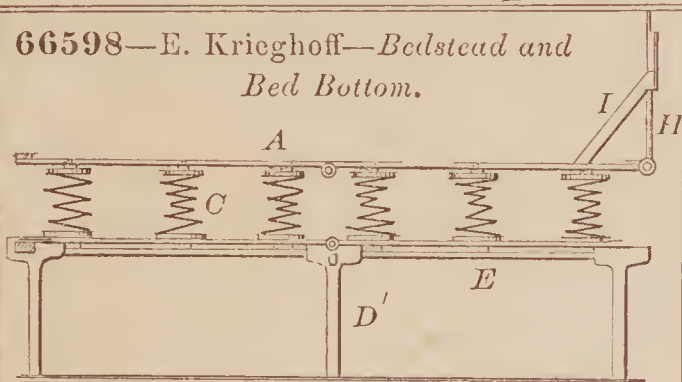
66597—J. A. Krake—*Subsoil Attachment to Plows.*



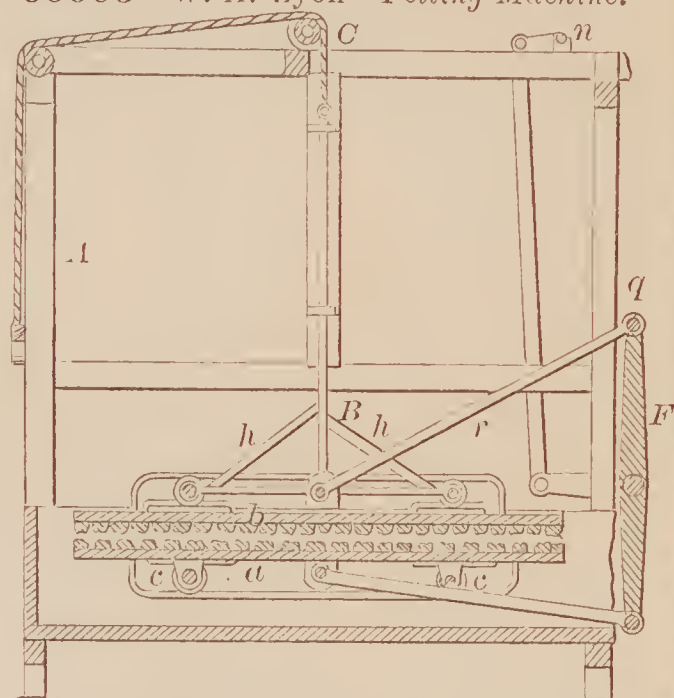
66600—S. C. Lewis—*Water Elevator.*



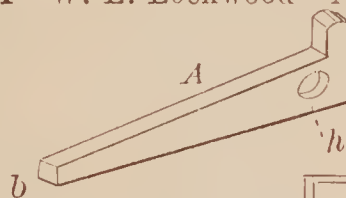
66598—E. Krieghoff—*Bedstead and Bed Bottom.*



66603—W. A. Lyon—*Felting Machine.*



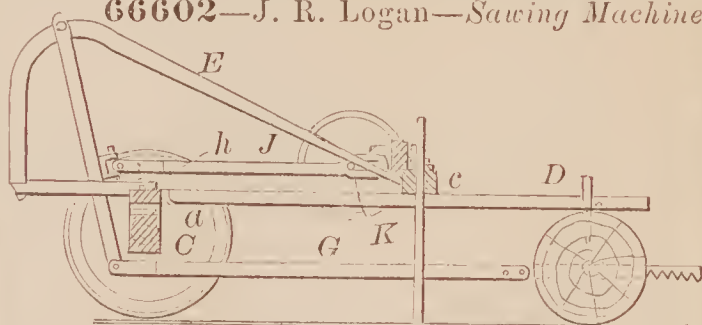
66601—W. E. Lockwood—*Nail.*



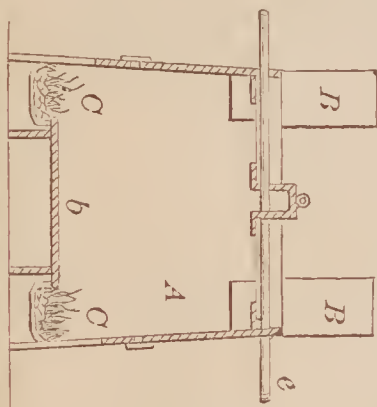
66599—Lavis & McMillan—*Hair Curler.*



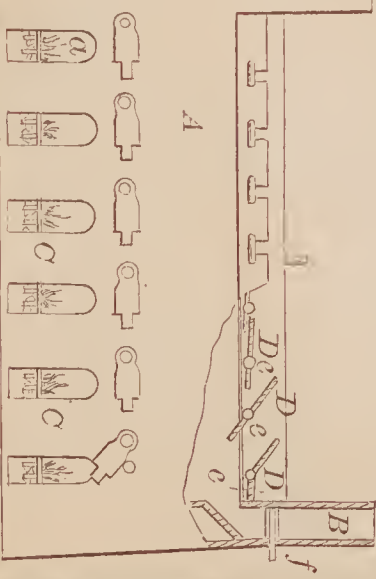
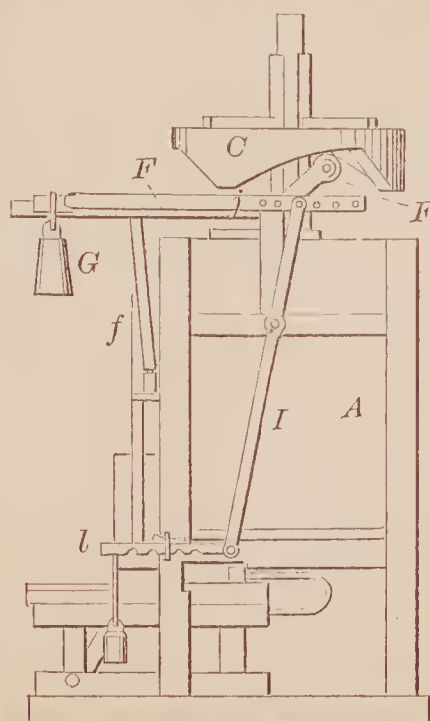
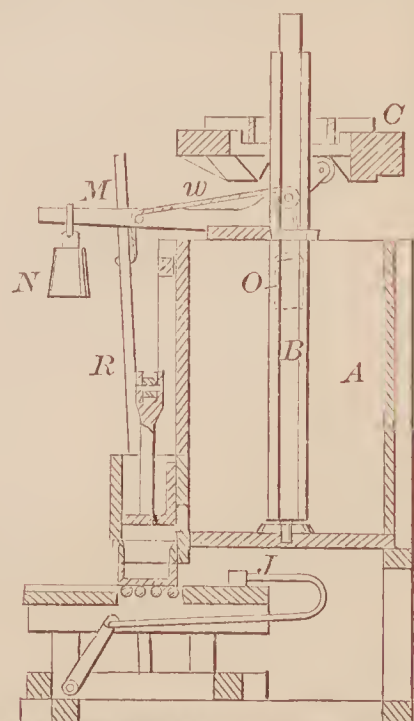
66602—J. R. Logan—*Sawing Machine.*



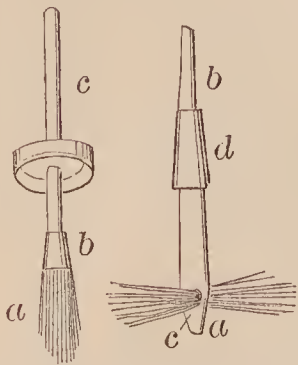
66604—A. S. McBride—*Brick Kiln.*



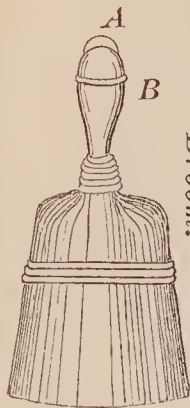
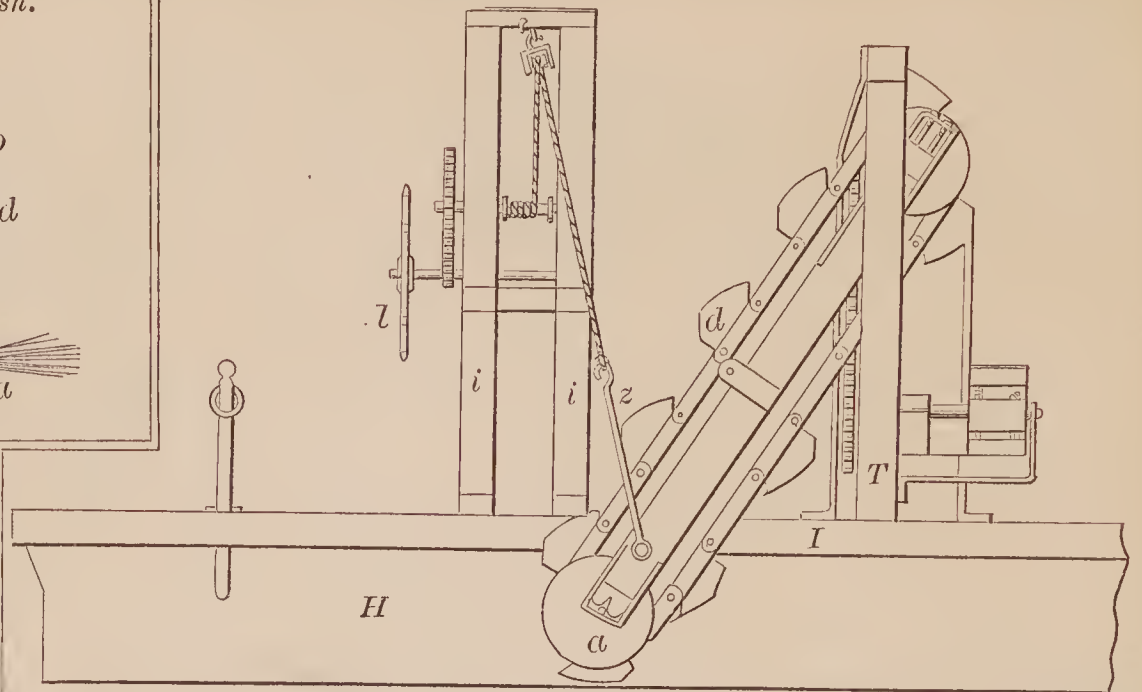
66605—C. C. & J. McDermid—*Brick Machine.*



66606—J. W. McGill—*Mucilage Brush.*

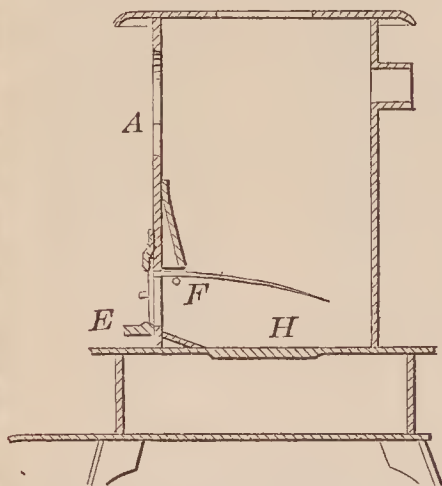


66608—J. H. McLean—*Dredging Machine.*

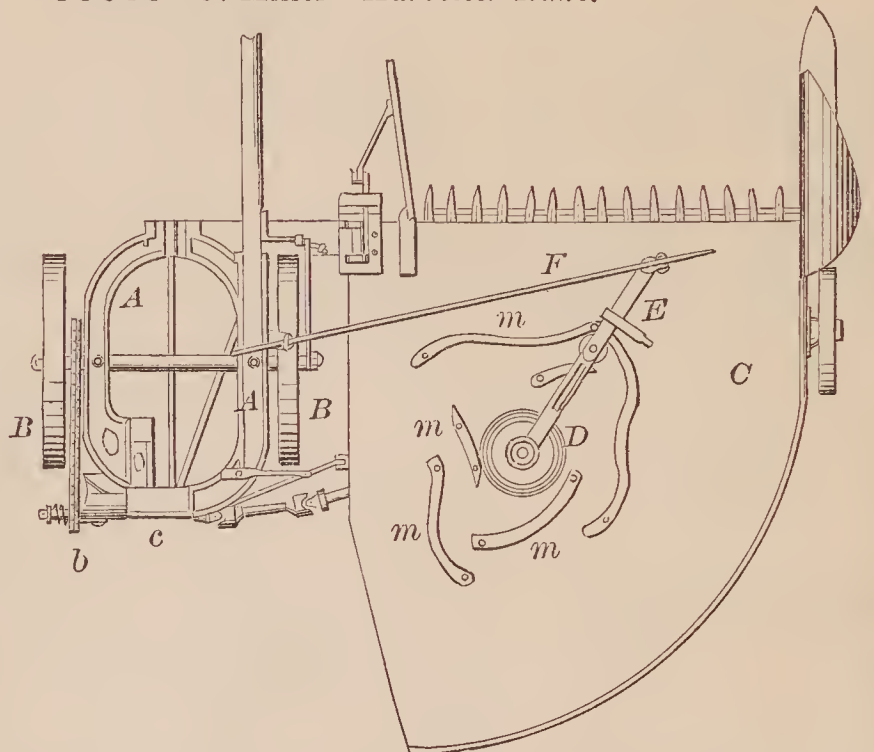


66611—B. Morahan—*Clothes Broom.*

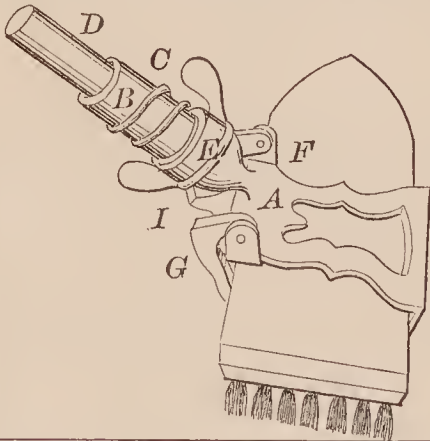
66610—G. R. Moore—*Coal Stove.*



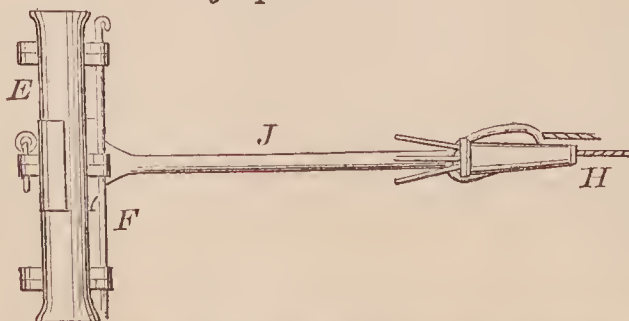
66609—J. Miller—*Harvester Rake.*



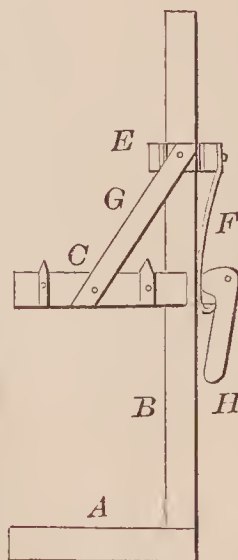
66612—B. Morahan—*Brush Holder.*



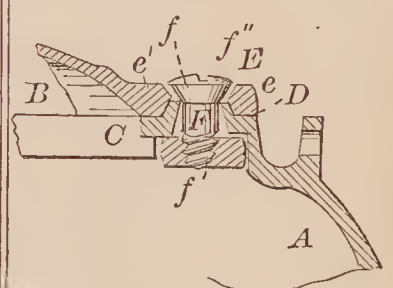
66613—S. E. & G. L. Morse—*Submarine Telegraph Cable.*



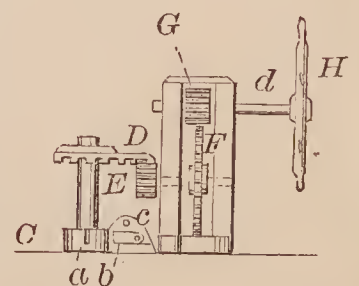
66614—E. S. Moulton—*Bag Holder.*



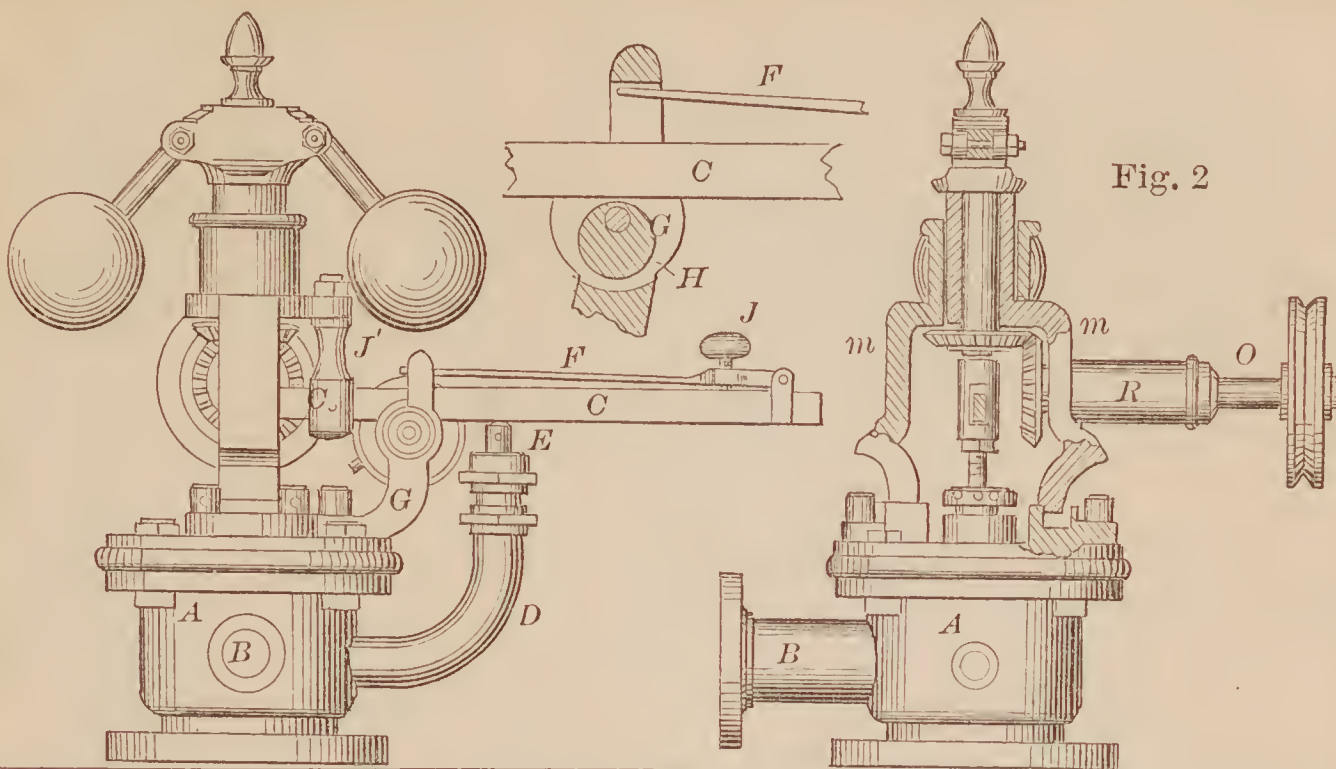
66607—E. McGrann—*Tea Kettle.*



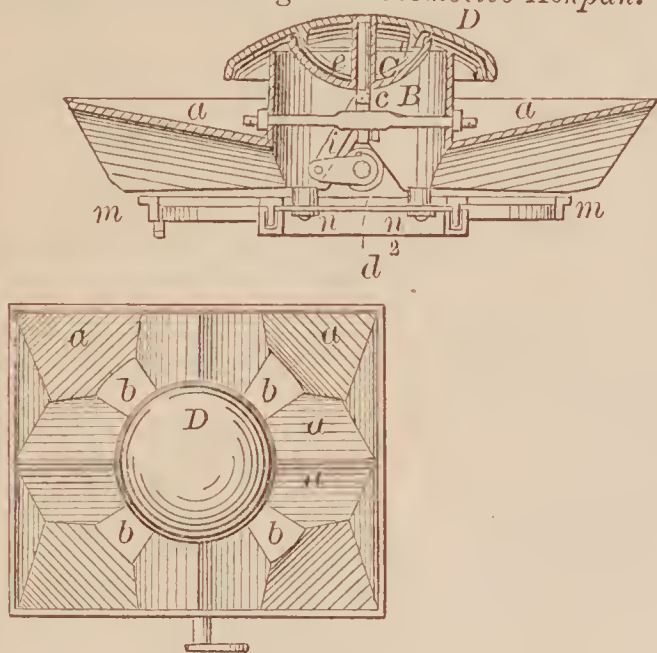
66615—T. W. Murray—*Steering Apparatus.*



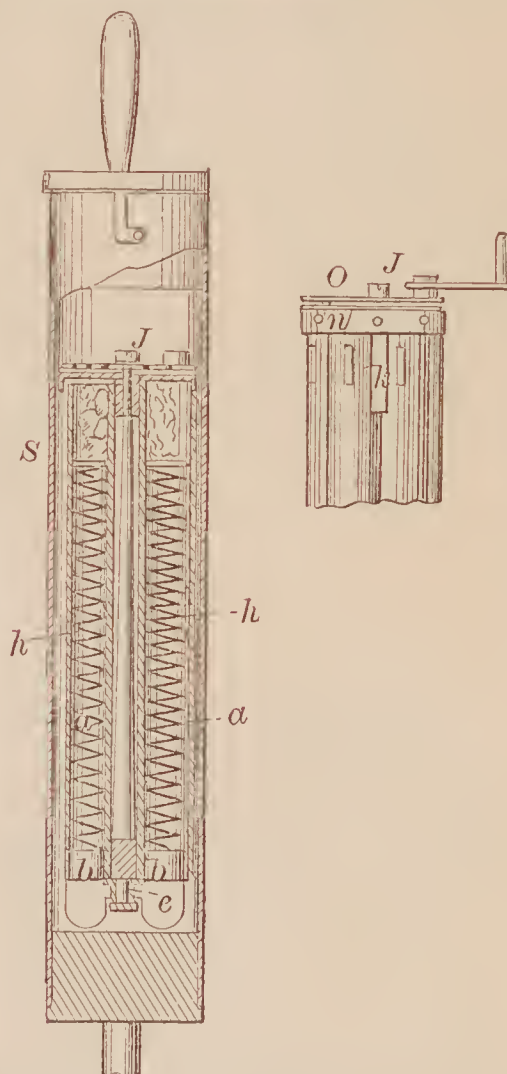
66617—Nutz & Estes—Governor.



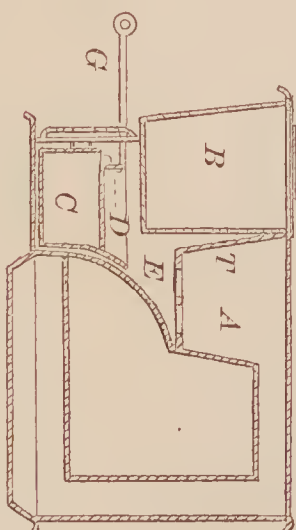
66618—A. Ohlenslager—Locomotive Ashpan.



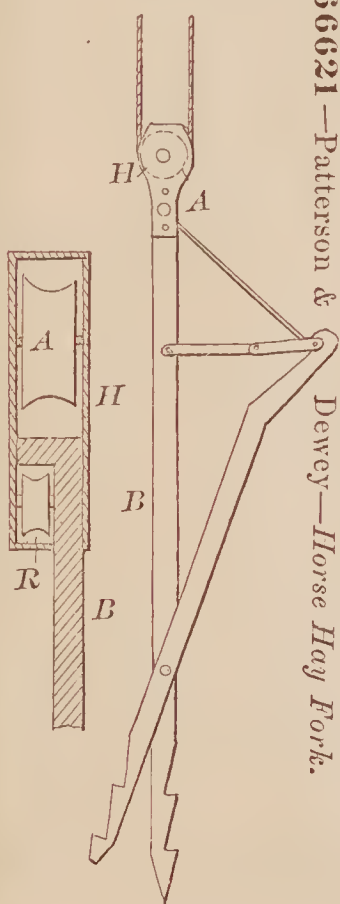
66619—H. W. Oliver—Spice Grater.



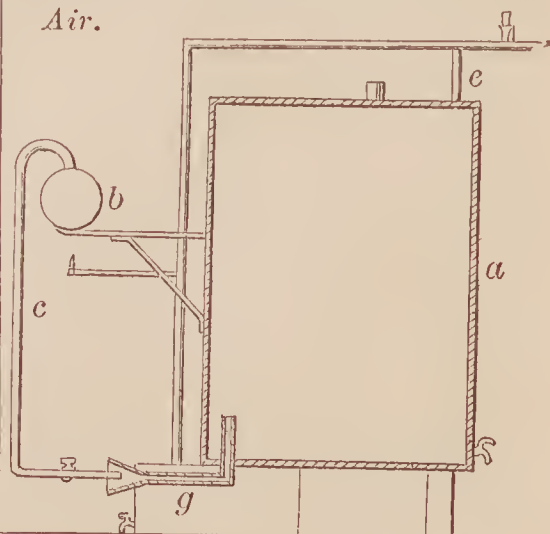
66620—D. E. Paris—Cooking Store.



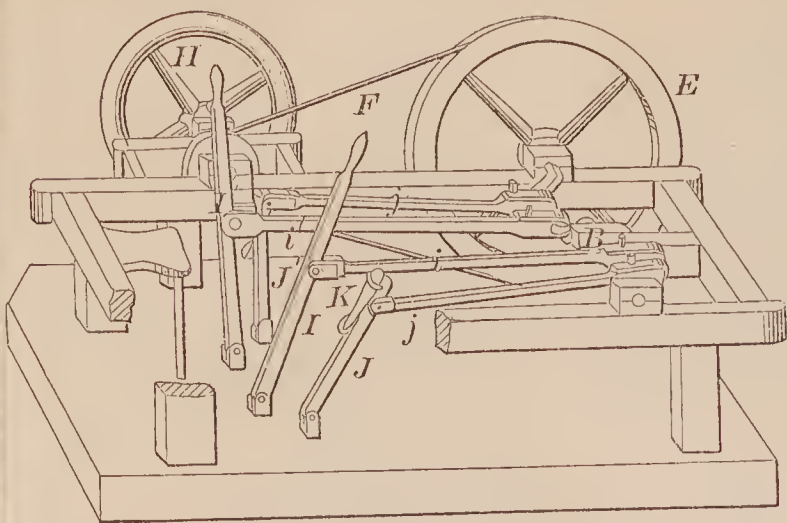
66621—Patterson & Dewey—Horse Hay Fork.



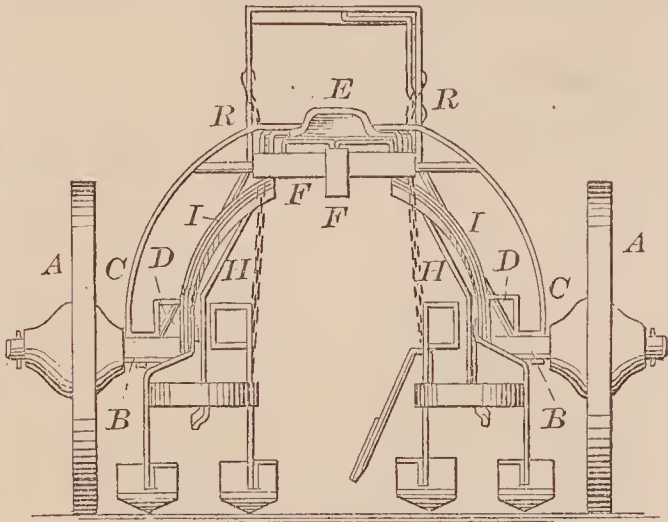
66622—J. C. Pedrick—For Carburetting Air.



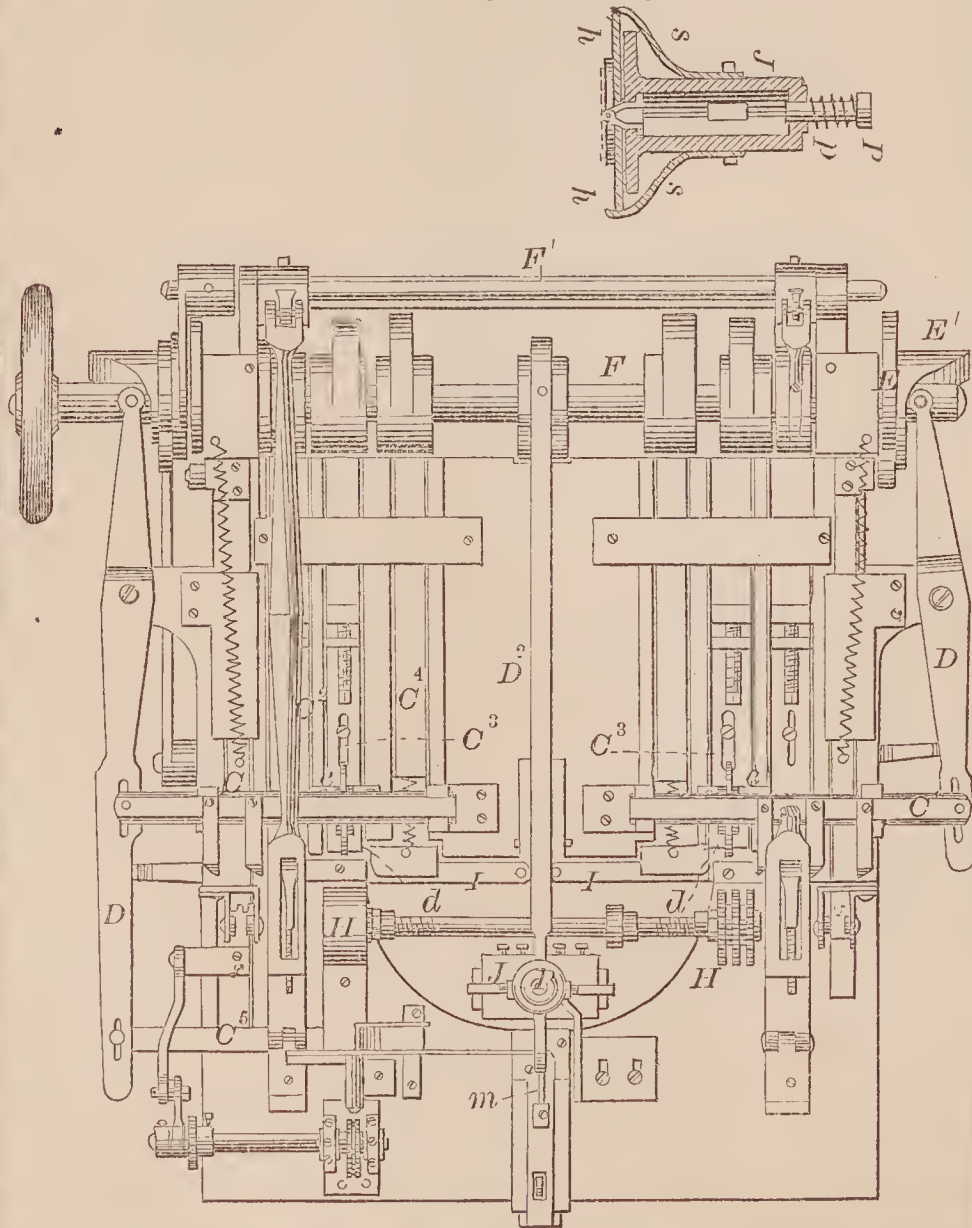
66623—J. H. Pelton—*Mechanical Movement.*



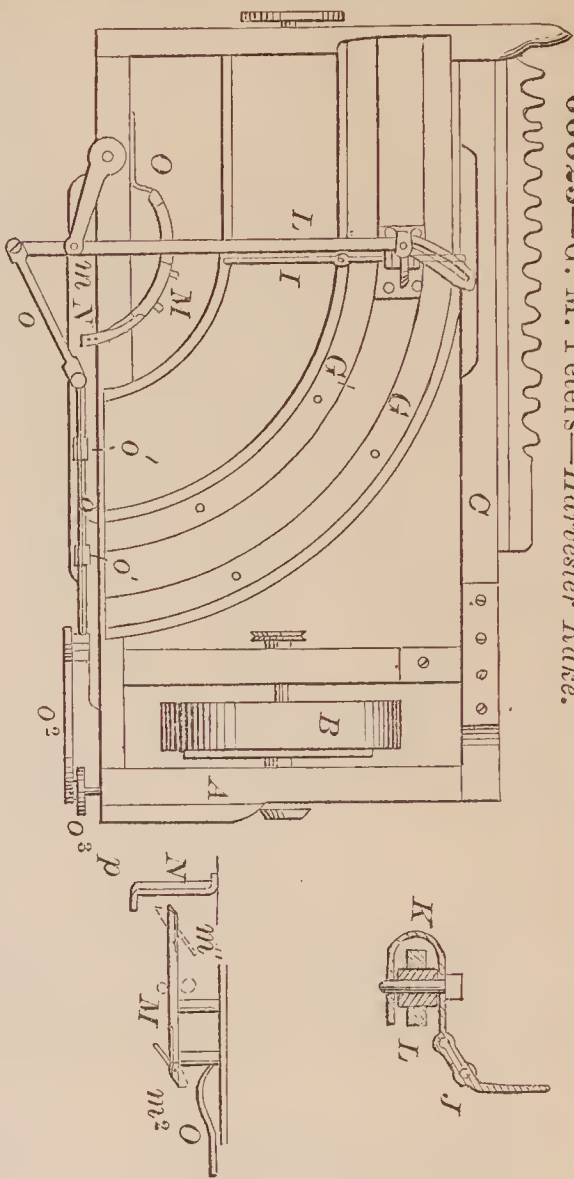
66627—B. W. Remy—*Seeder and Cultivator.*



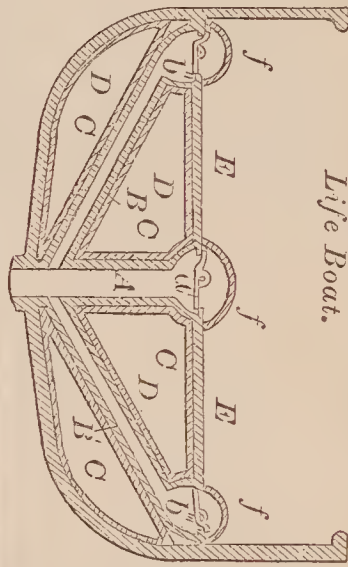
66626—A. Rais—*For Making Butt Hinges.*



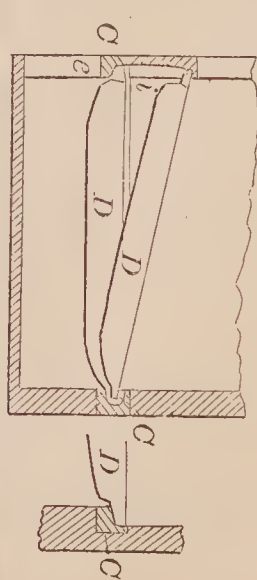
66625—G. M. Peters—*Harvester Blade.*



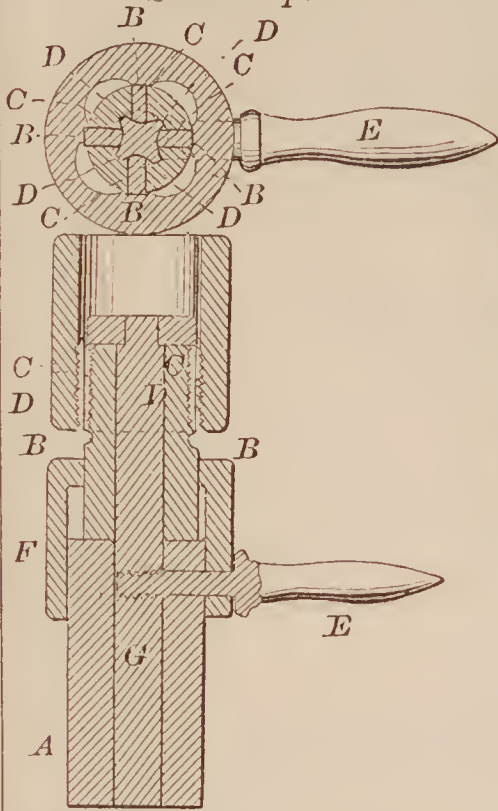
66624—N. Penrose—*Self-Bailing Life Boat.*



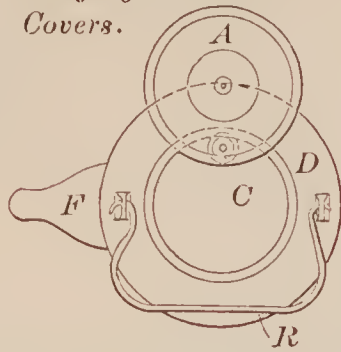
66628—J. Reynolds—*Furnace Grate.*



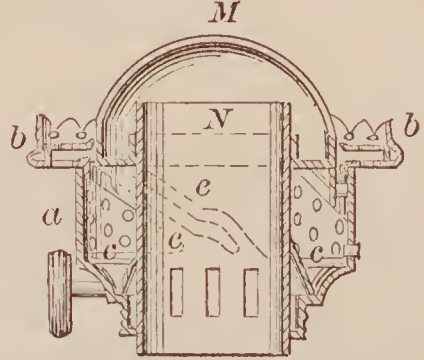
66629—Rider & Wiggin—*Screw Tap.*



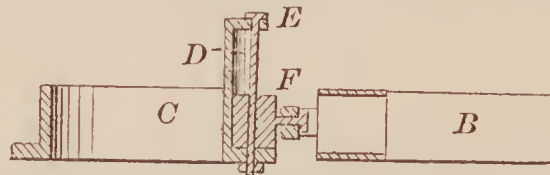
66631—E. Ripley—*Hinging Tea Kettle Covers.*



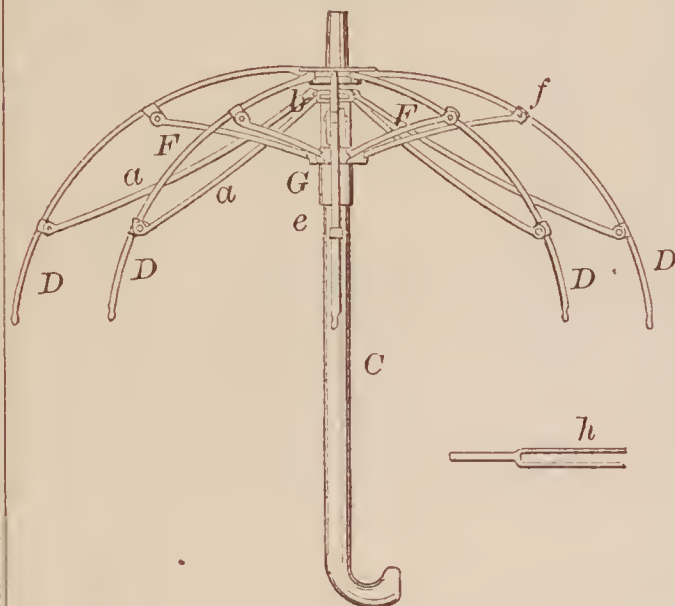
66635—W. Robinson—*Lamp Burner.*



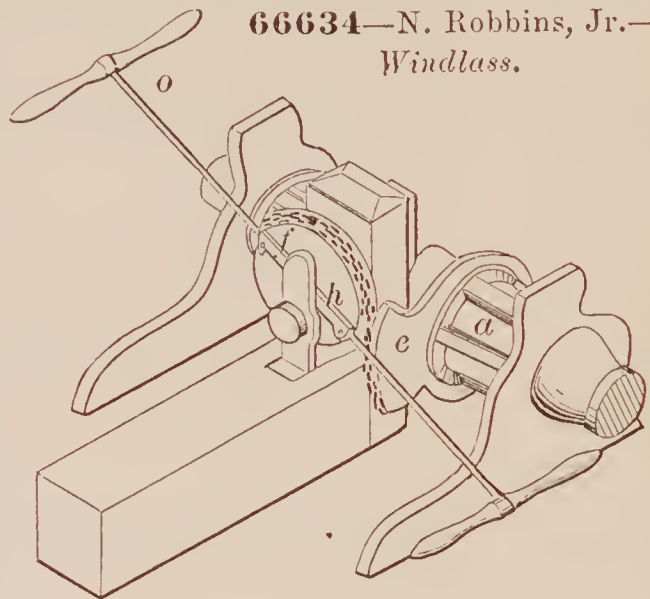
66633—N. Robbins—*Gudgeon for Brooms.*



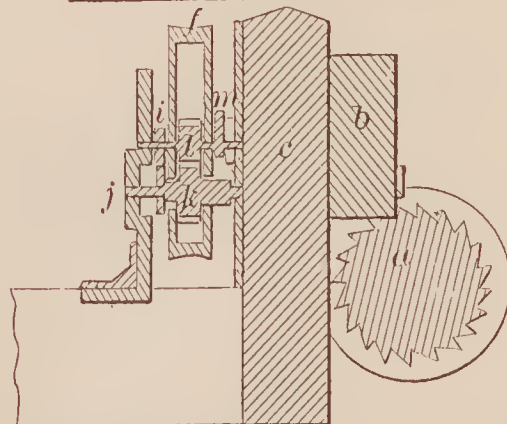
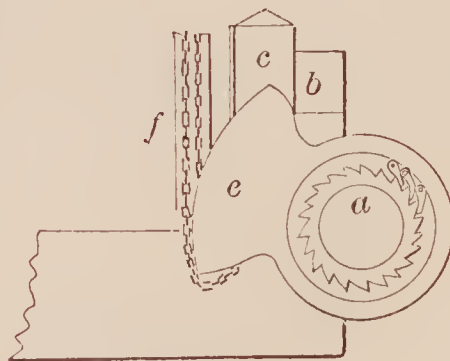
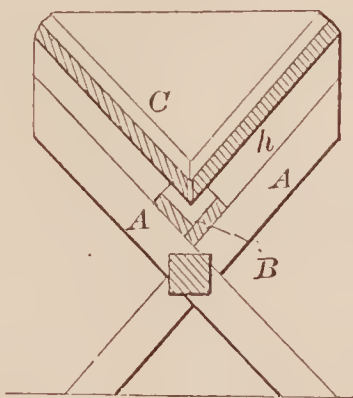
66632—H. T. Robbins—*Umbrella.*



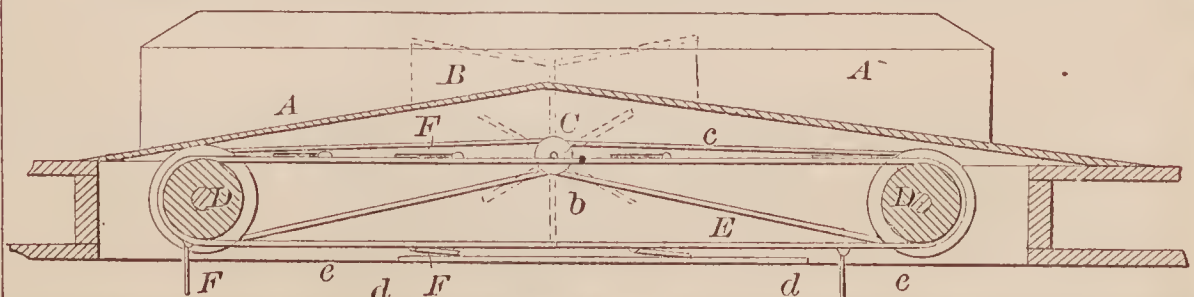
66634—N. Robbins, Jr.—*Windlass.*



66636—C. Roop—*Ash Tub or Leach.*



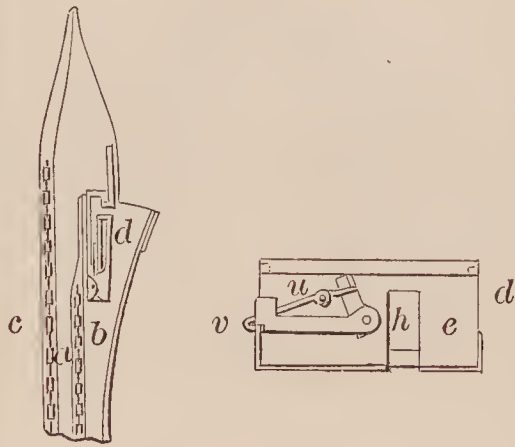
66637—J. A. Royce—*Advertising Apparatus.*



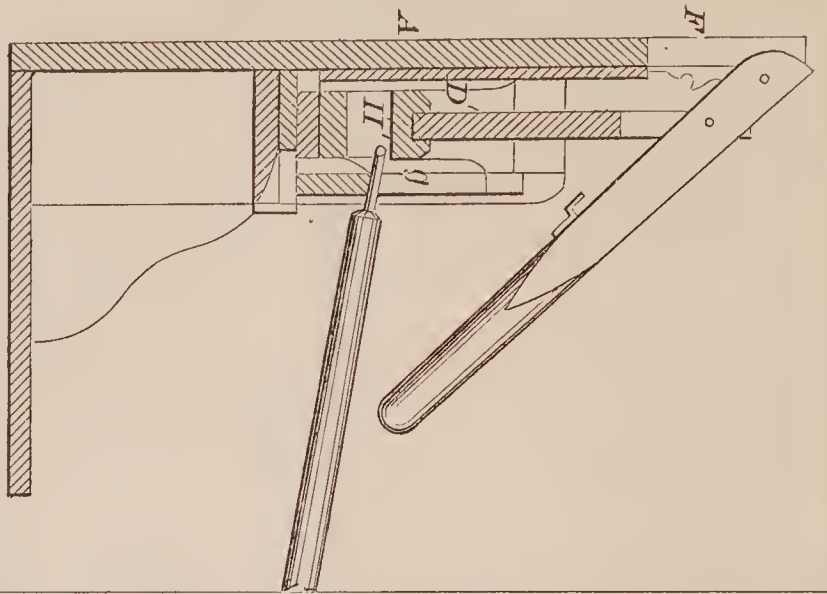
66630—J. Rigg—*For Coating Iron with a Harder Metal.*



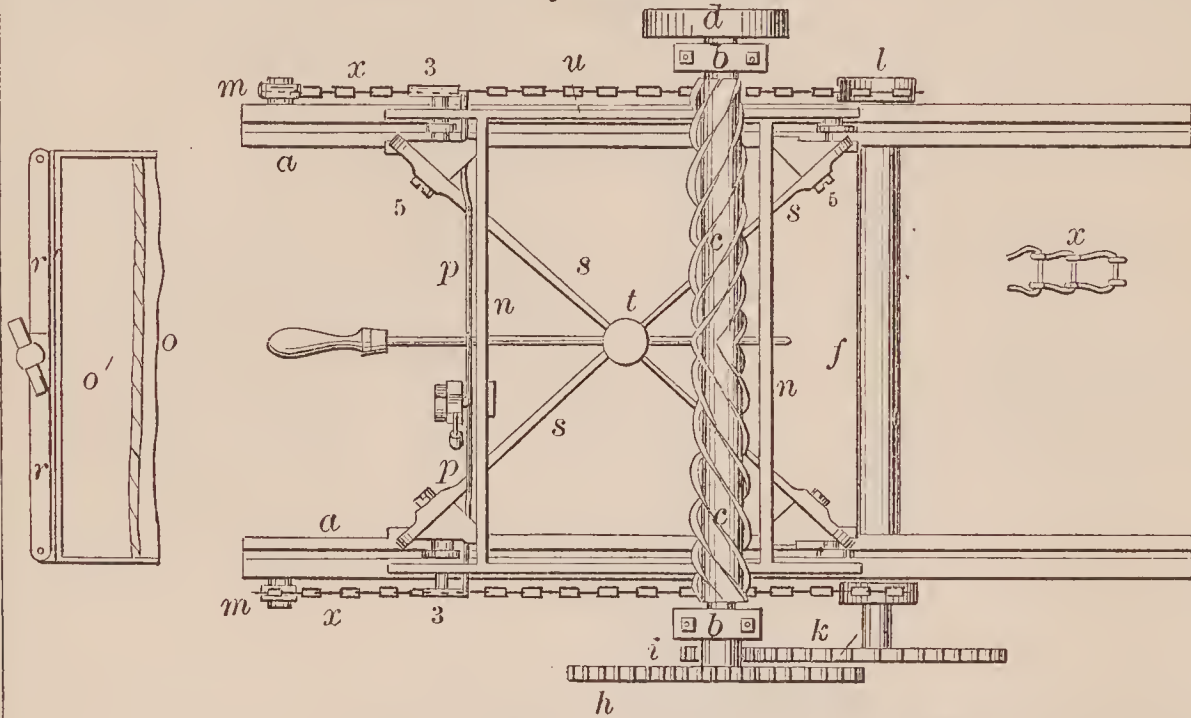
66638—F. Russell—*Safety Pocket*



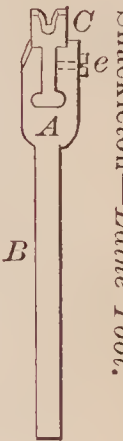
66639—H. Russell—*Mop Wringer.*



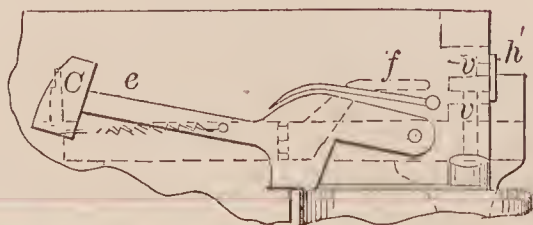
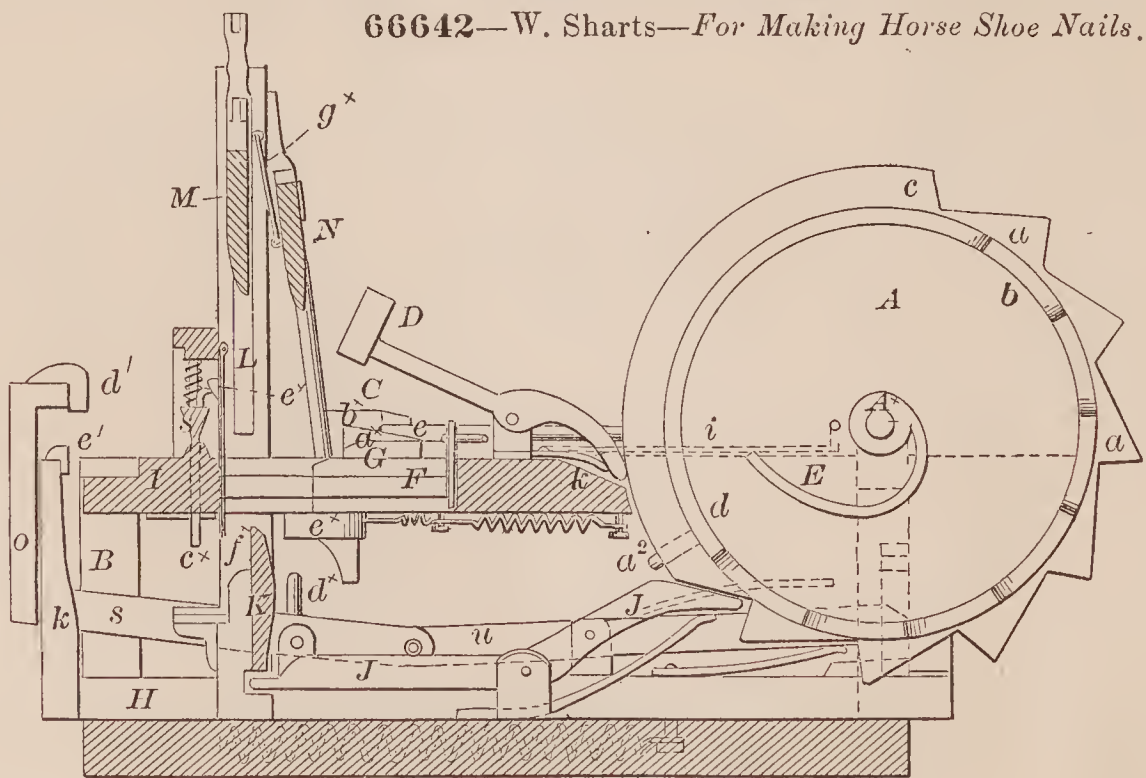
66640—J. Schiffer—*For Dressing Hides and Skins.*



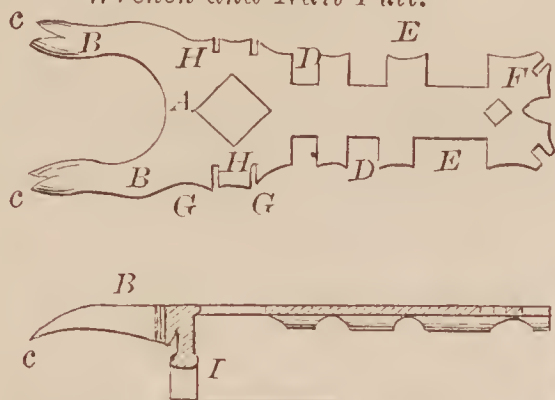
66641—J. C. Shackleton—*Lathe Tool.*



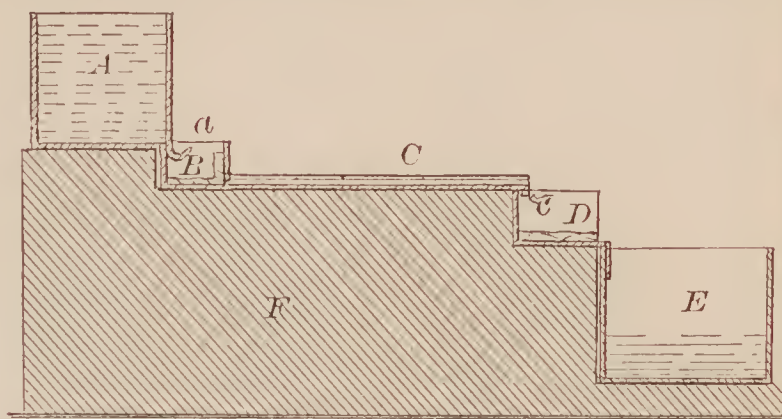
66642—W. Sharts—*For Making Horse Shoe Nails.*



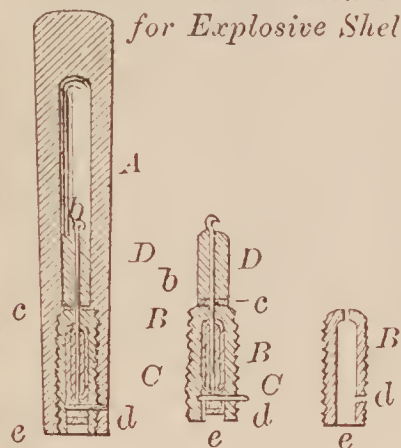
66643—O. Shepard—*Bootjack, Wrench and Nail Pull.*



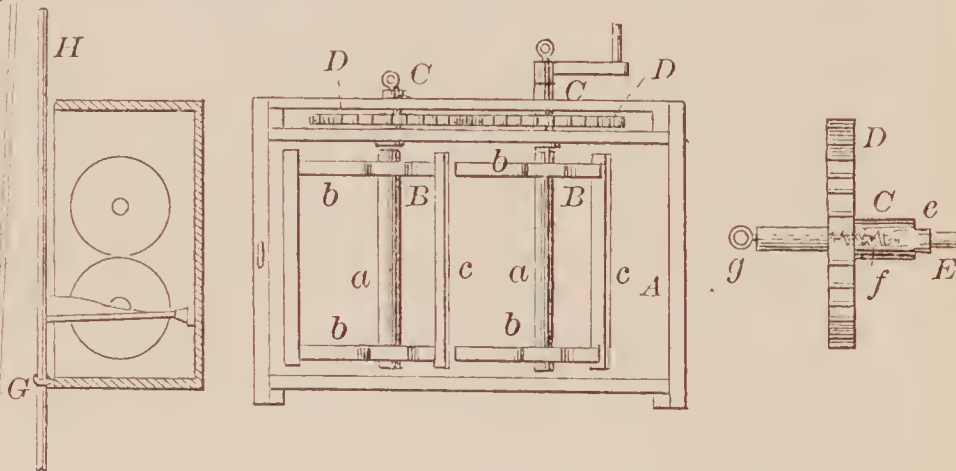
66645—J. H. Smith—*Petroleum Filter.*



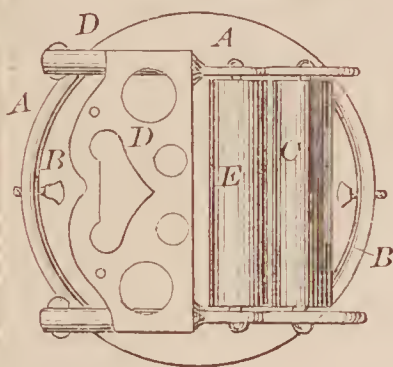
66644—Simpson & Janecek—*Concussion Fuse for Explosive Shells.*



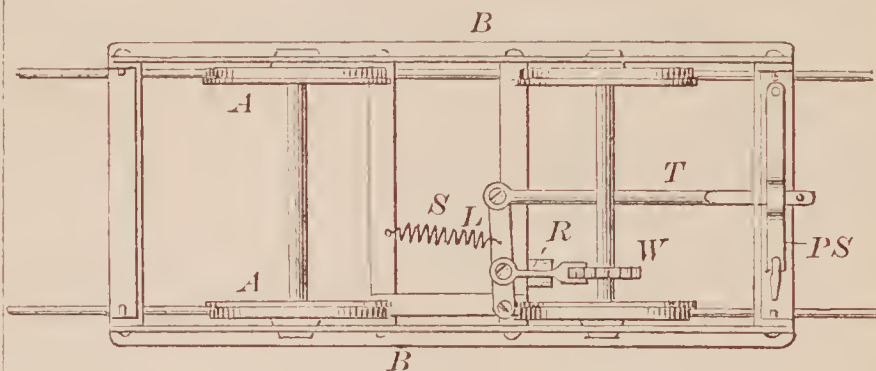
66646—W. C. Smith—*Churn.*



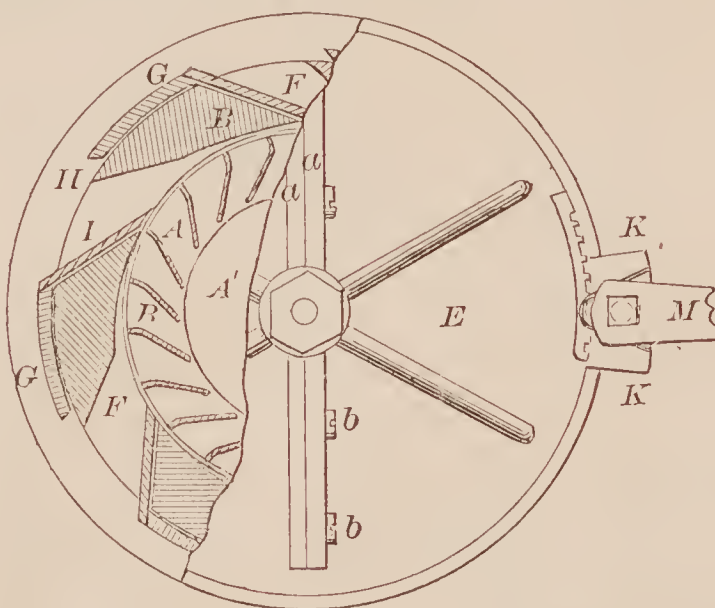
66647—A. G. Starkweather—*Mop Wringer.*



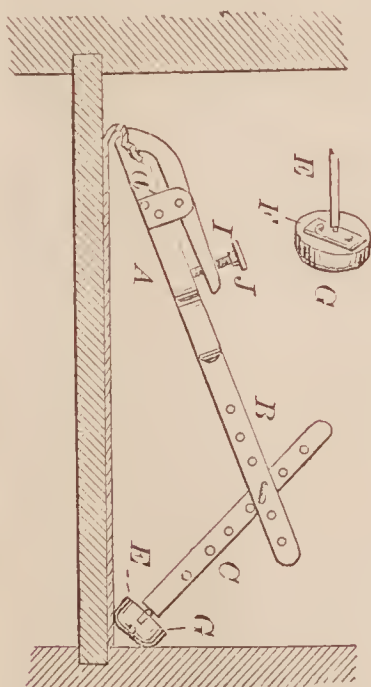
66648—J. Steger—*Car Starting Apparatus.*



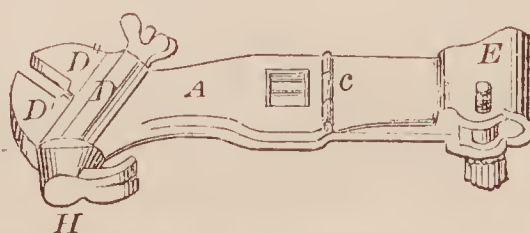
66651—J. Todd—*Water Wheel.*

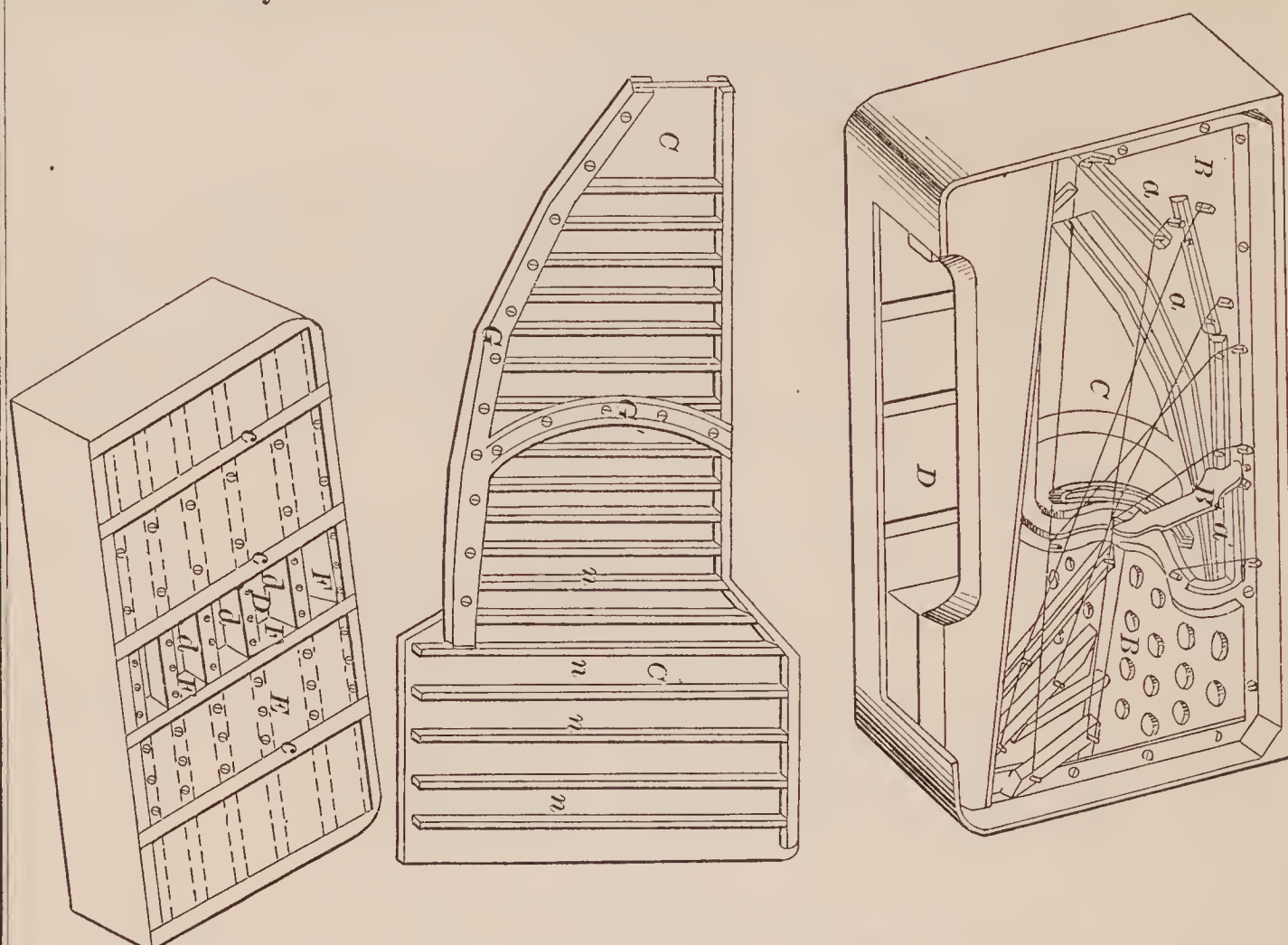
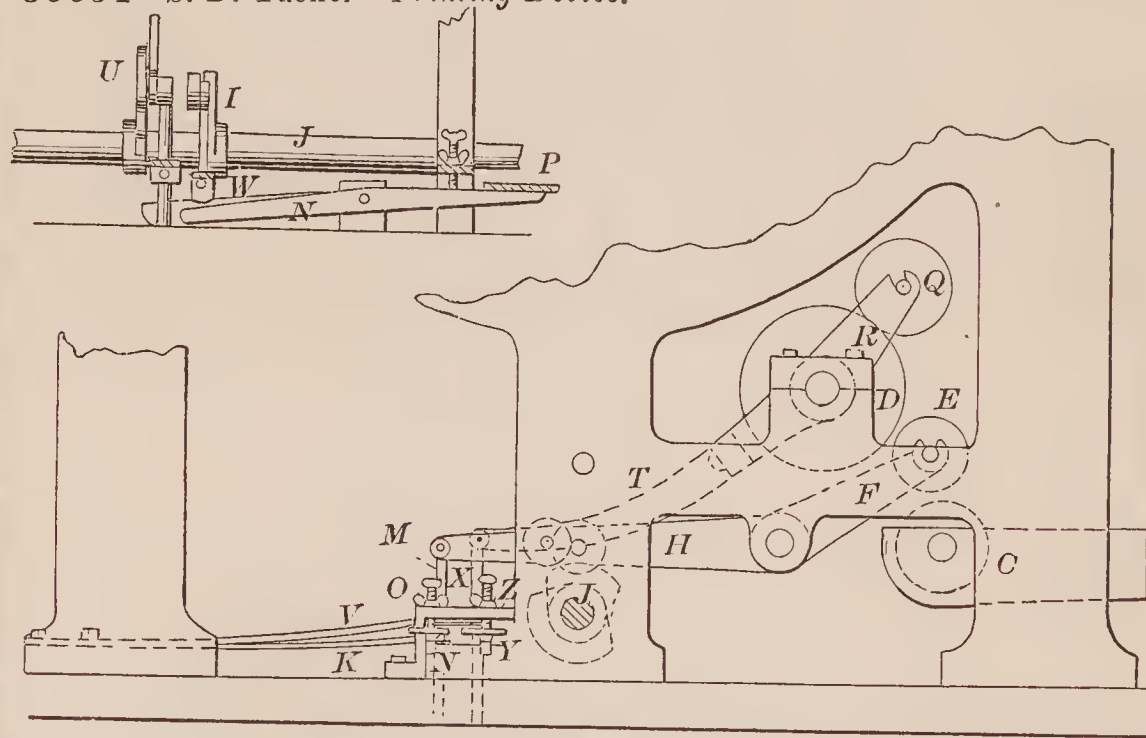
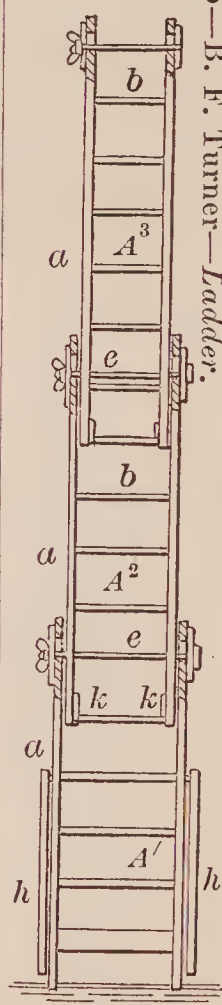
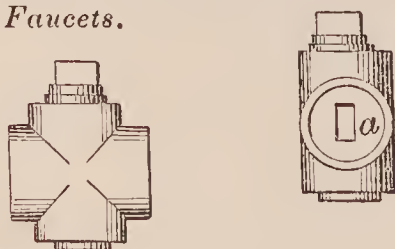
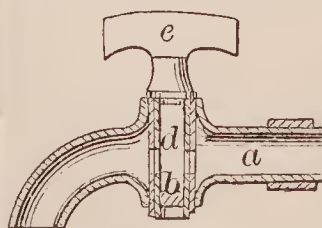
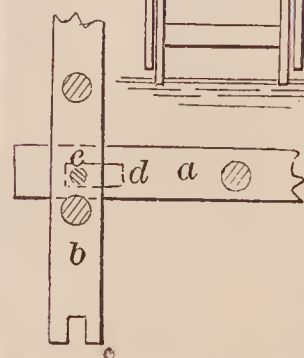
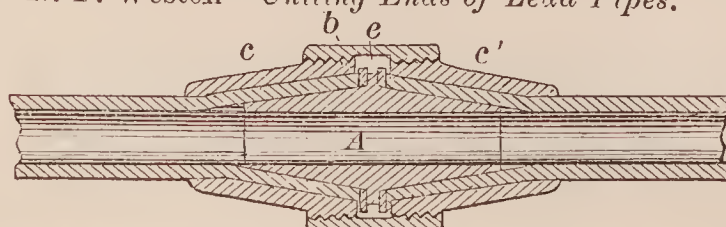


66649—W. W. Taylor—*Carpet Stretcher.*

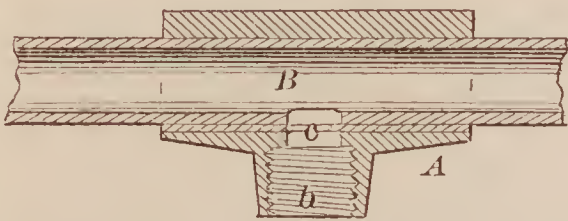


66652—S. L. Tracy—*Tool.*

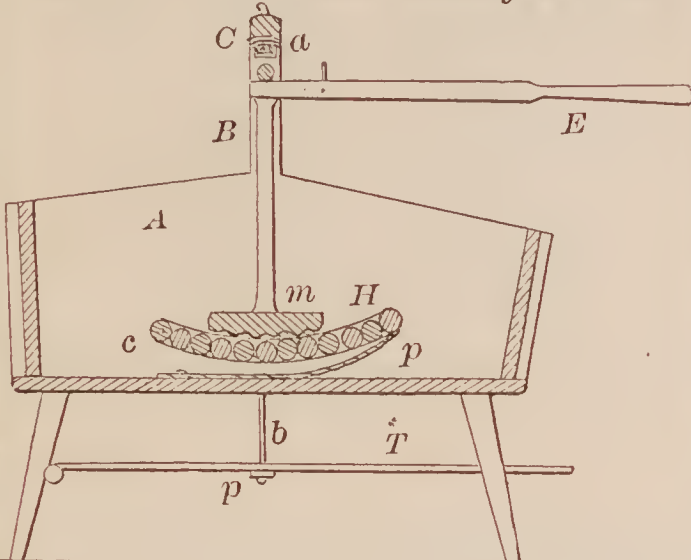


66653—G. Trayser—*Piano.*66654—S. D. Tucker—*Printing Device.*66655—B. F. Turner—*Ladder.*66656—W. Westlake—*Manufacturing Faucets.*66657—W. Westlake—*Faucet.*66658—N. F. Weston—*Uniting Ends of Lead Pipes.*

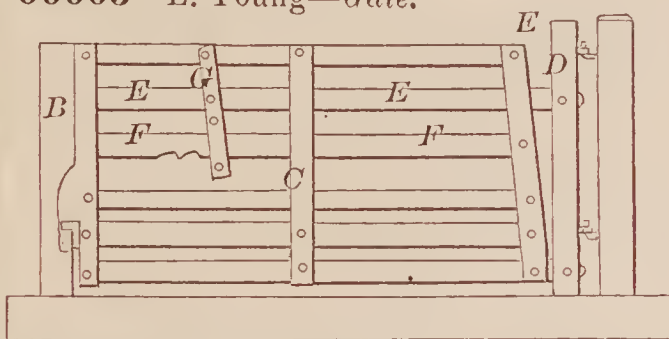
66659—N. F. Weston—*Coupling Faucet to Pipes.*



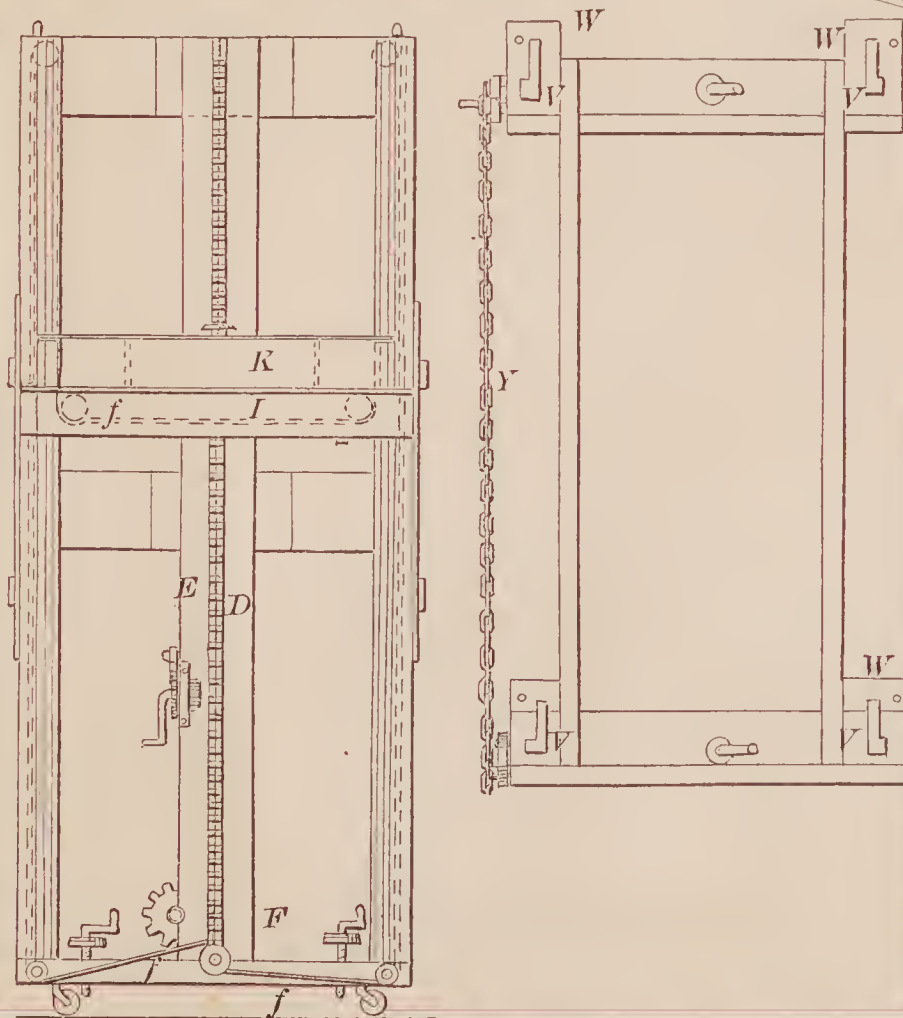
66660—C. B. White—*Washing Machine.*



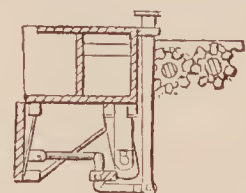
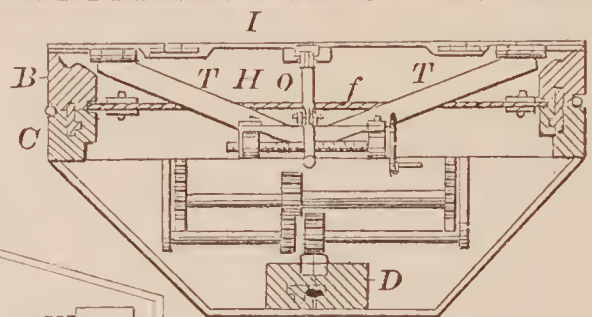
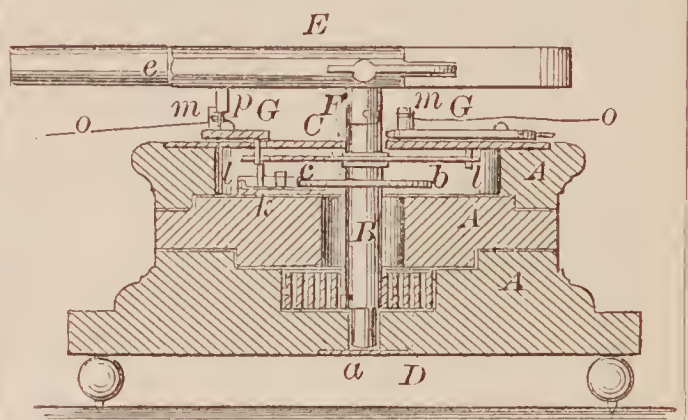
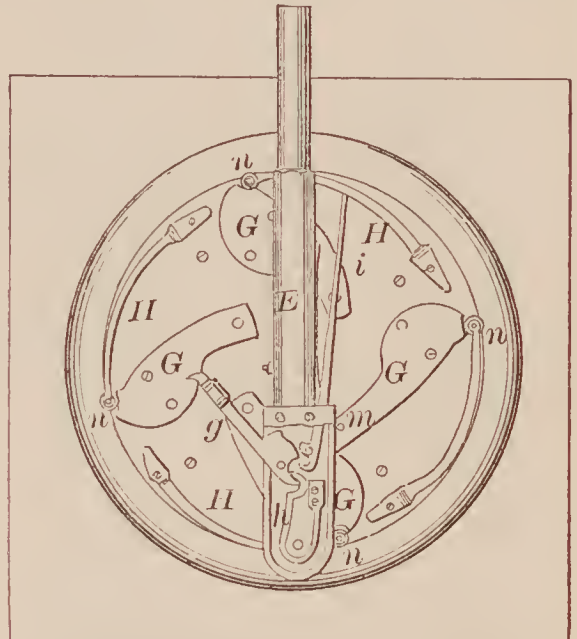
66663—E. Young—*Gate.*



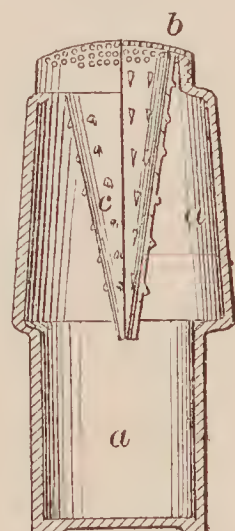
66664—J. Keene—*Plastering Machine.*



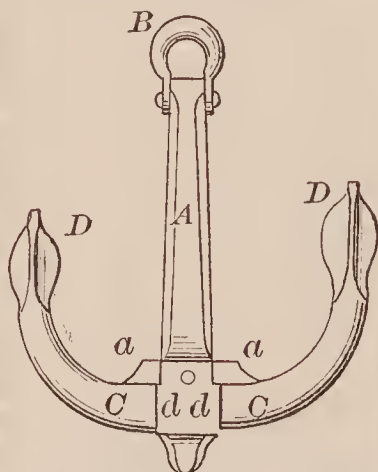
66662—J. Wilson—*Burglar Alarm Gun.*



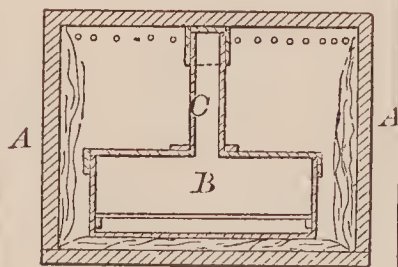
66661—T. Williams—*Dredging Box.*



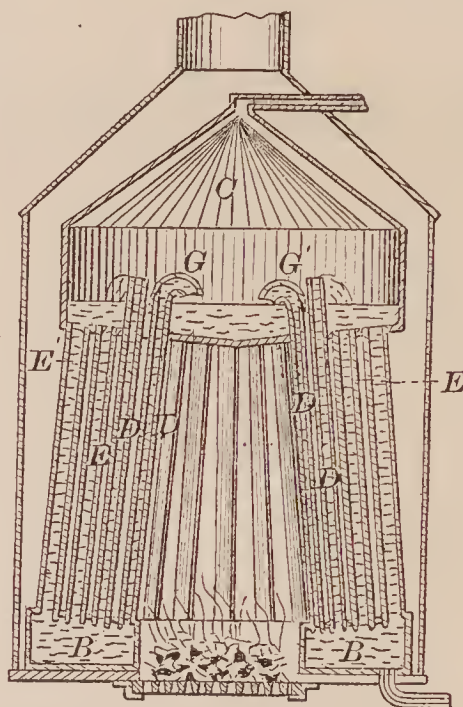
66665—Lloyd & Stewart—Anchor.



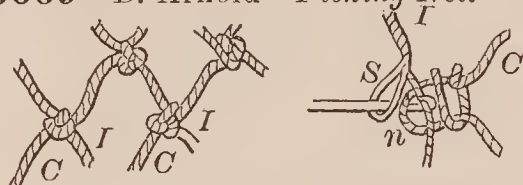
66666—J. Rutter—*Preserving Perishable Articles.*



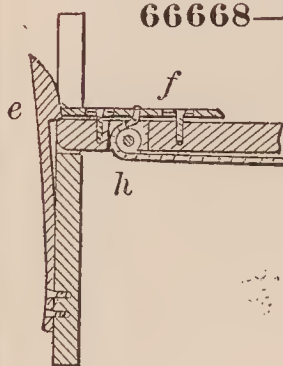
66670—H. Bevis—*Steam Generator.*



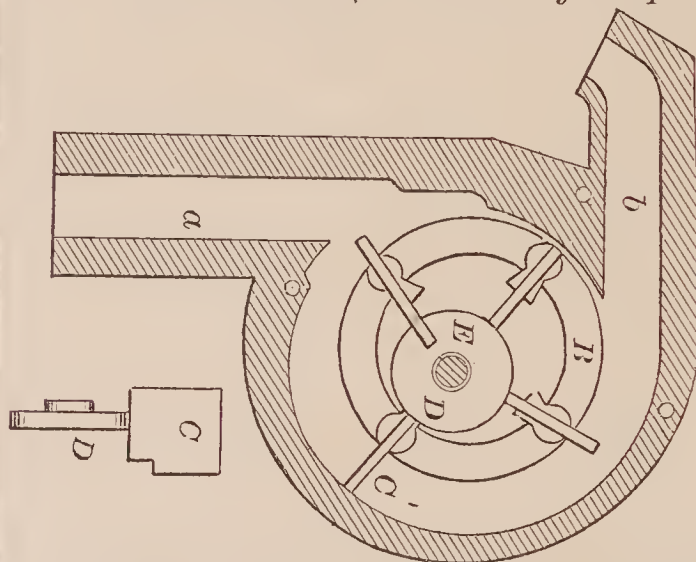
66669—B. Arnold—*Fishing Net.*



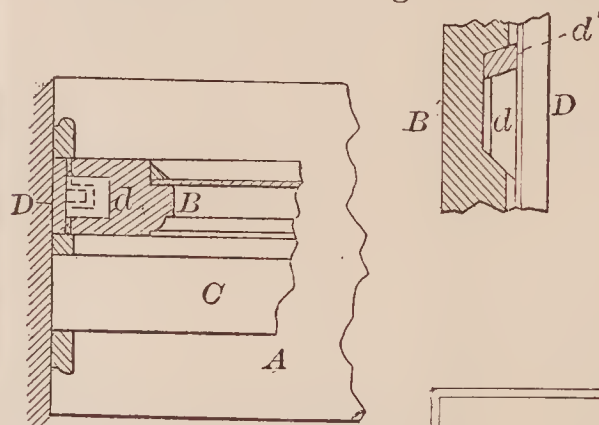
66668—Ackerson & Harrah—*Folding Gate.*



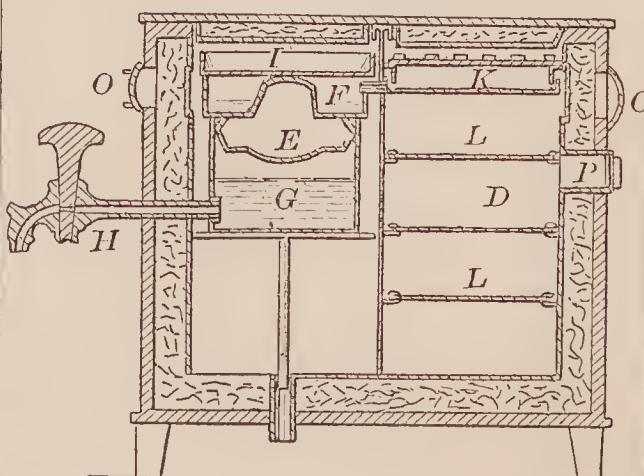
66671—J. P. Birch—*Rotary Pump.*



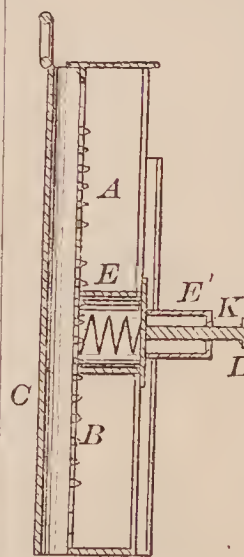
66673—T. H. Burrige—*Sash Fastener.*



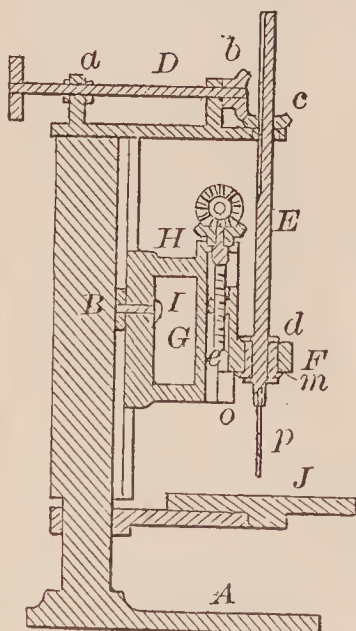
66674—W. B. Burwell—*Refrigerator, Cooler and Filter.*



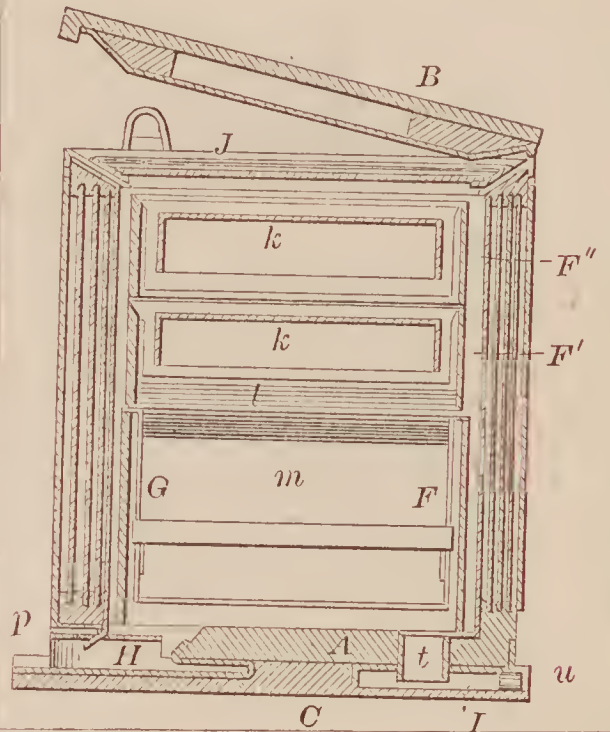
66675—R. H. Chinn—*Nutmeg Grater.*



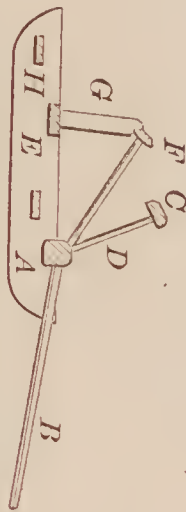
66672—P. Blaisdell—*Upright Drill.*



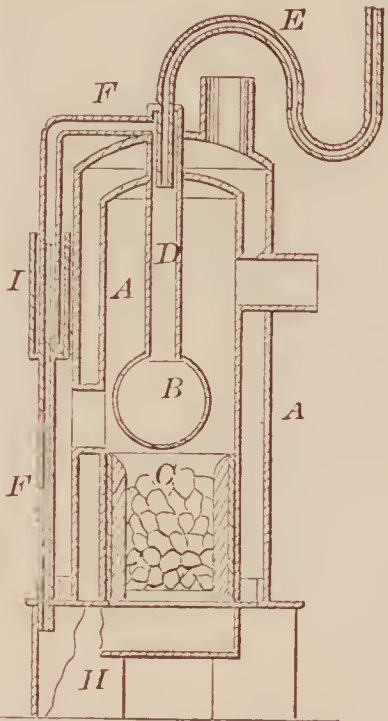
66680—E. Cox—Beehive.



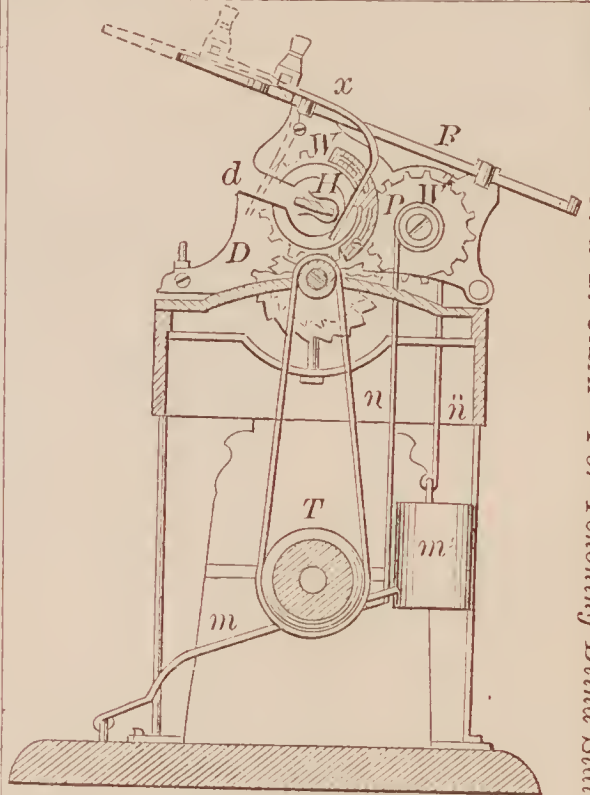
66679—J. P. Hunter—Horse Rake.



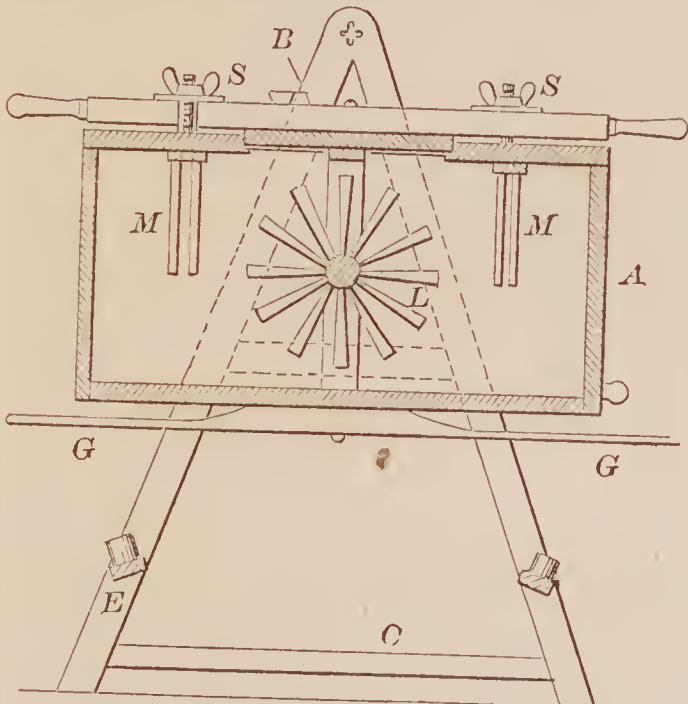
66676—J. C. Clapp—Manufacture of Gas.



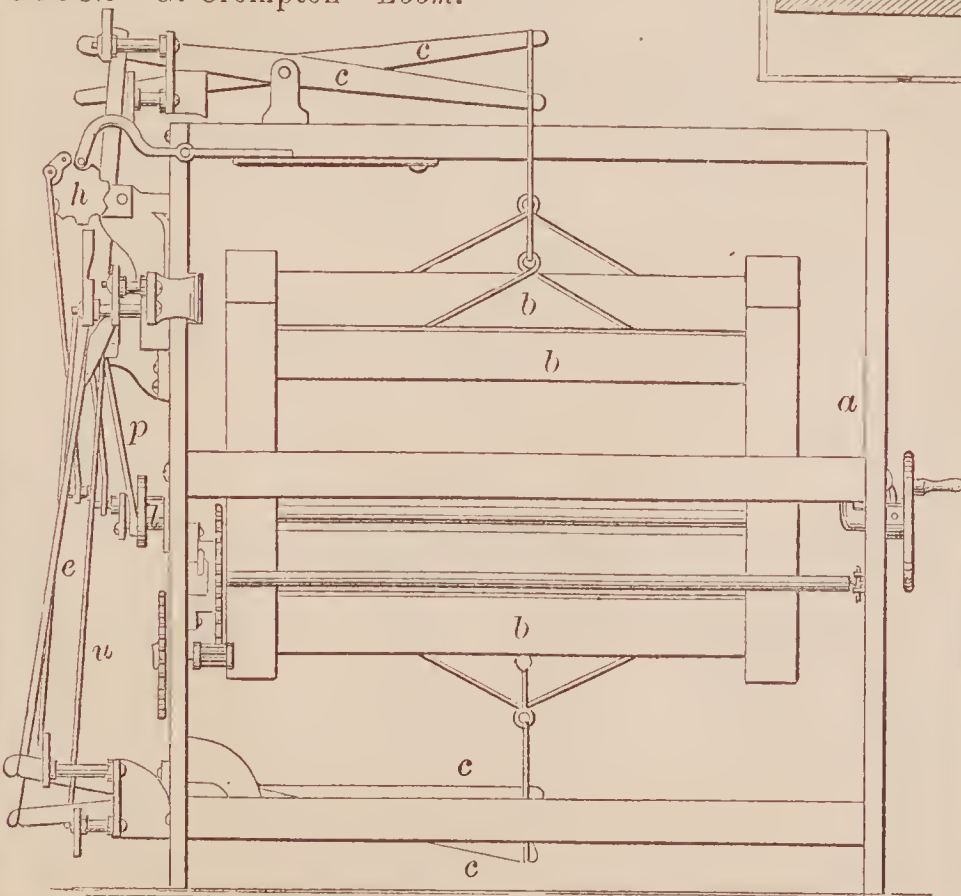
66678—J. J. & T. Clark—For Tenoning Blind Stairs.



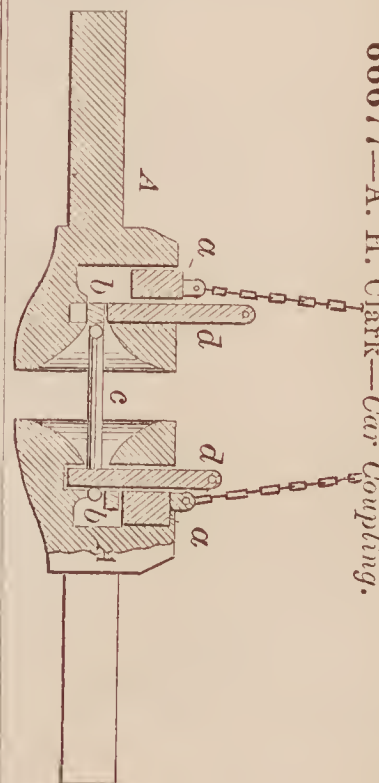
66681—J. Cram—Churn.

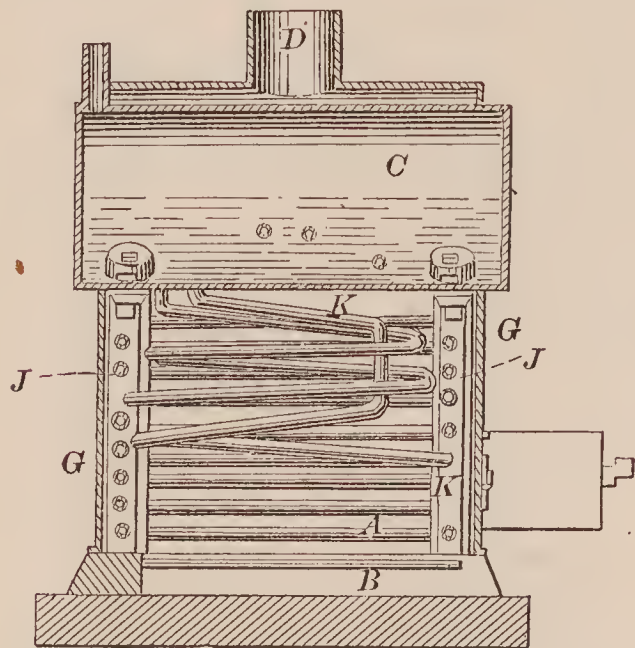
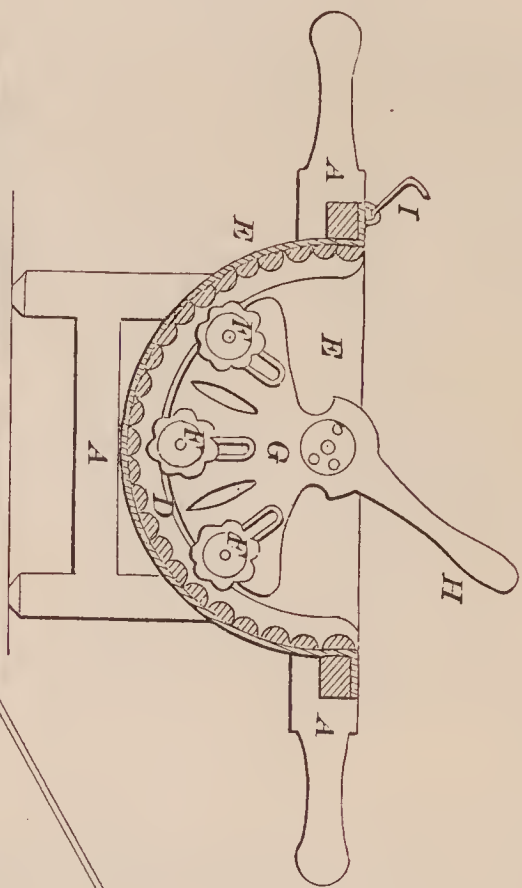
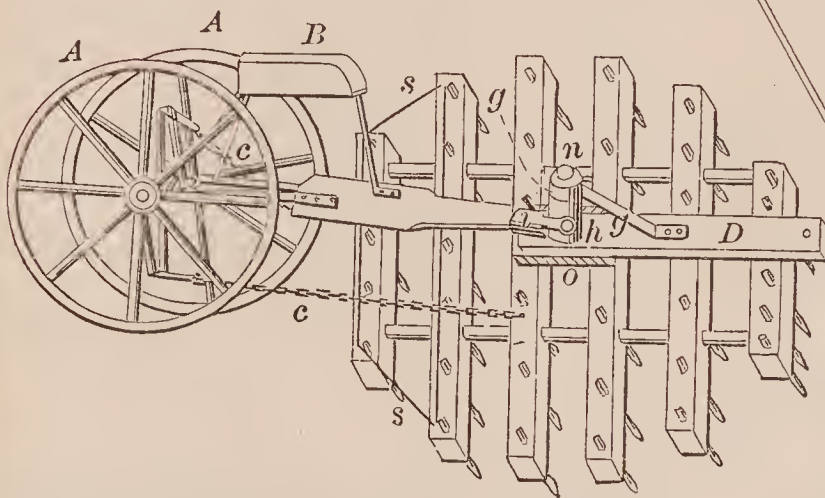
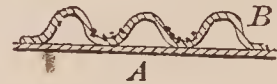
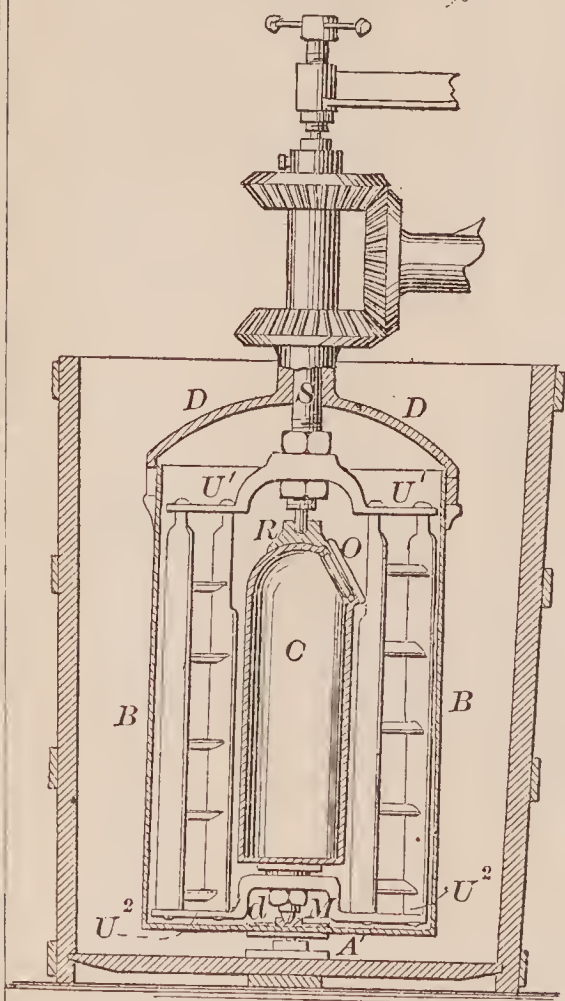
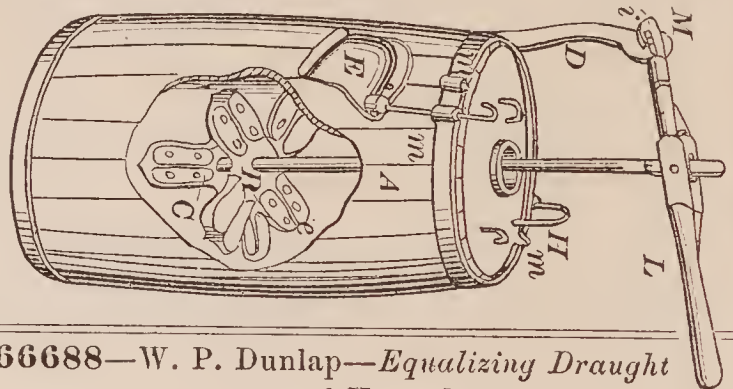
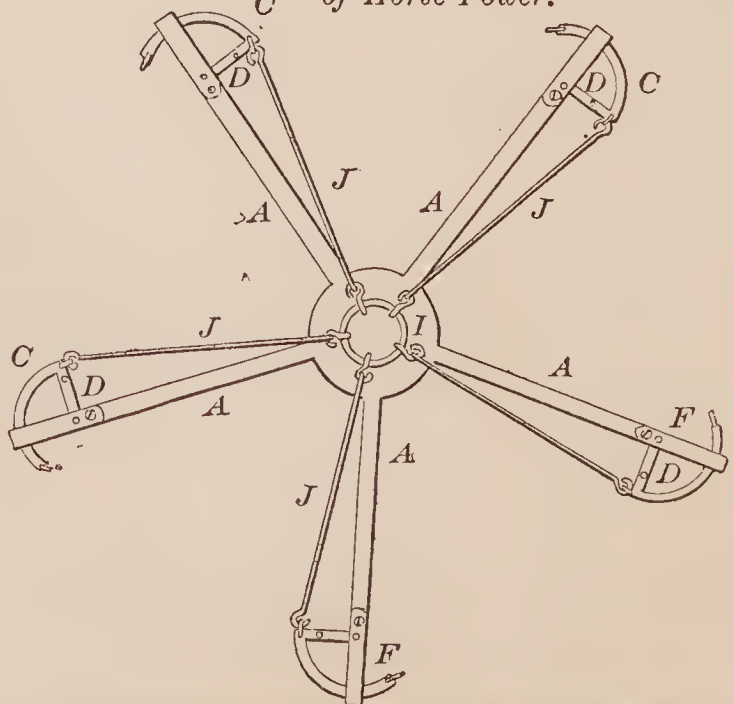


66682—G. Crompton—Loom.

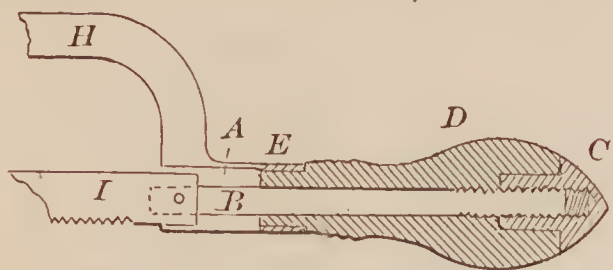


66677—A. H. Clark—Car Coupling.

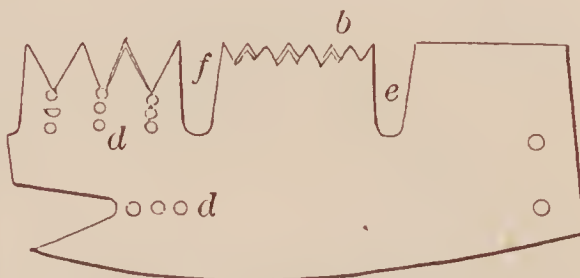


66683—J. Darling—*Steam Generator.*66686—C. Draeger—*Washing Machine.*66684—J. Densmore—*Reciprocating Harrow.*66689—C. A. Dur, in—*Nutmeg Grater.*66685—Dougherty & Gerecke—*Ice Cream Freezer.*66687—N. Drew—*Churn.*66688—W. P. Dunlap—*Equalizing Draught
C of Horse Power.*

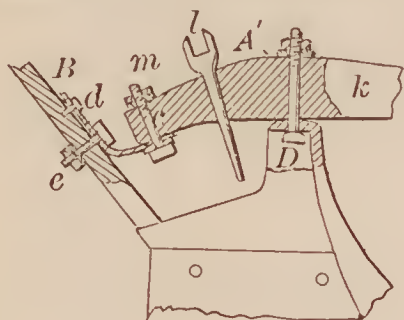
66690—A. W. Elmer—*Hand Saw.*



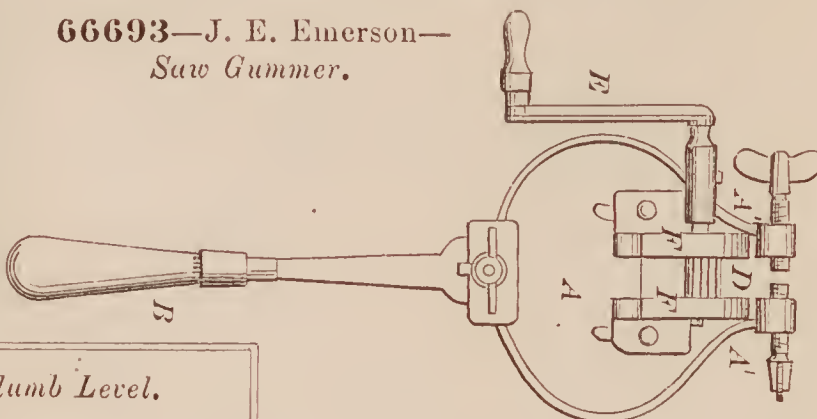
66692—J. E. Emerson—*Saw.*



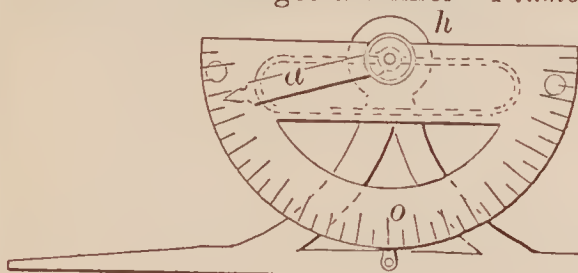
66691—C. A. Elton—*Plow.*



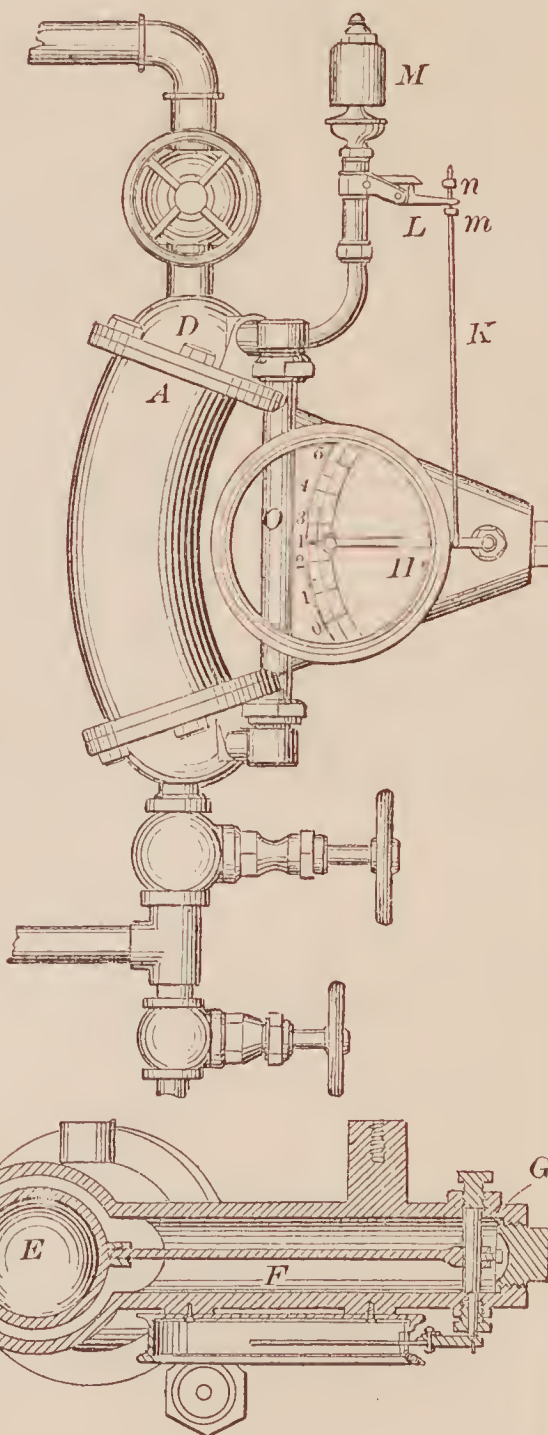
66693—J. E. Emerson—*Saw Gummer.*



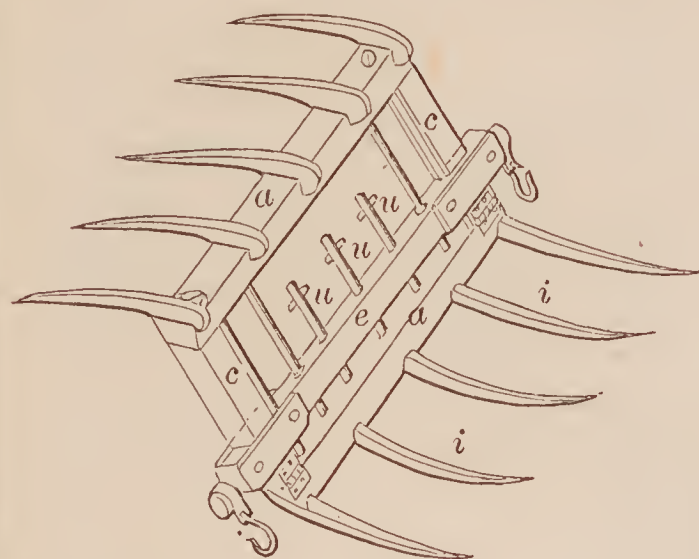
66695—Ensminger & Elmer—*Plumb Level.*



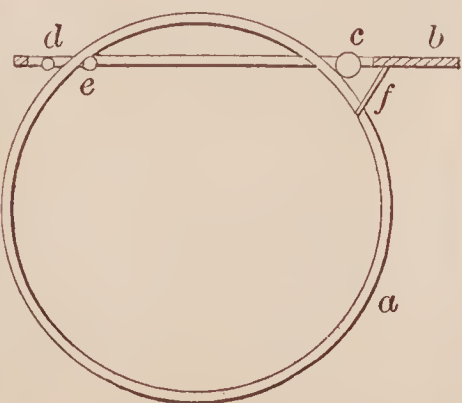
66694—W. R. England—*Water Indicator for Boilers.*



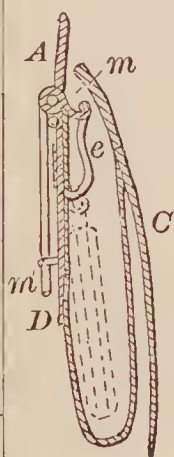
66696—H. V. Farris—*Horse Rake.*

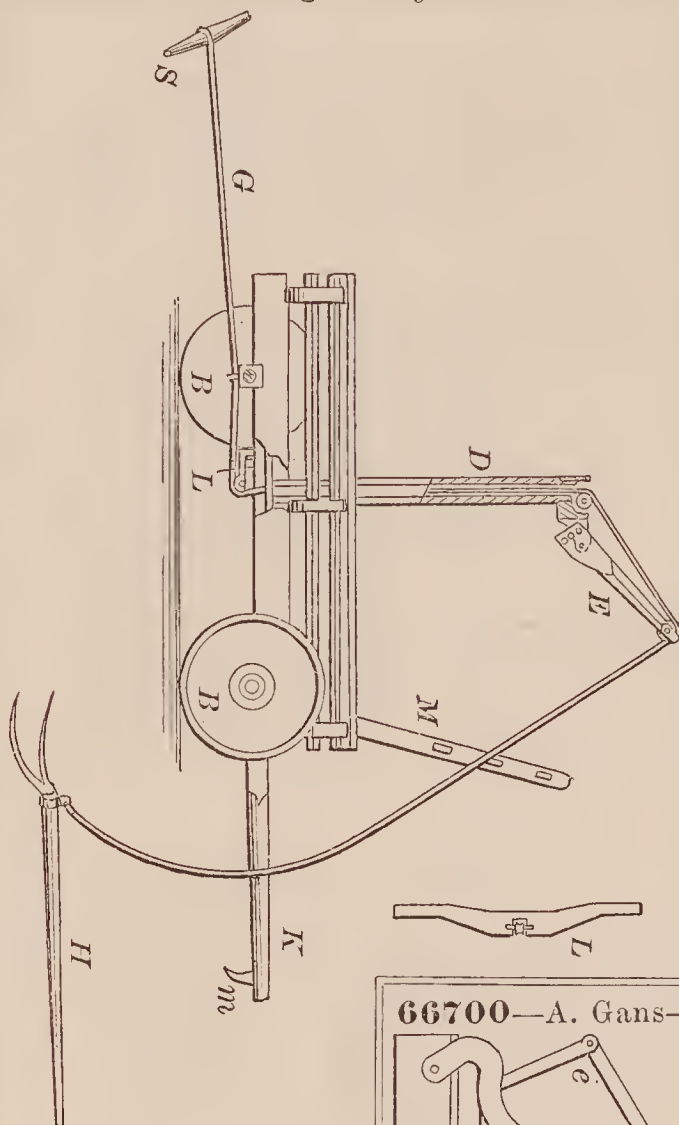
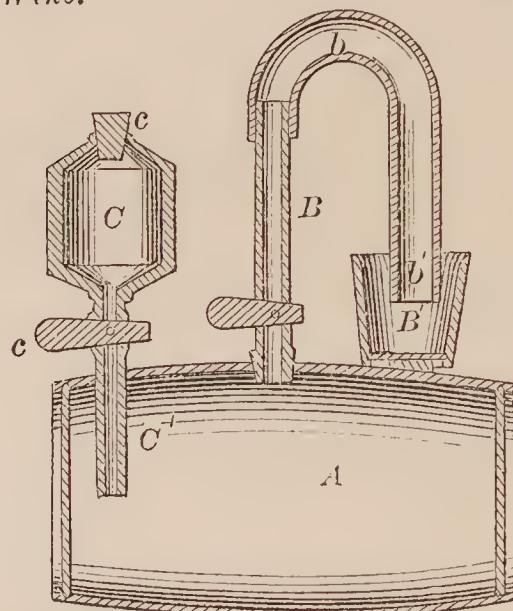
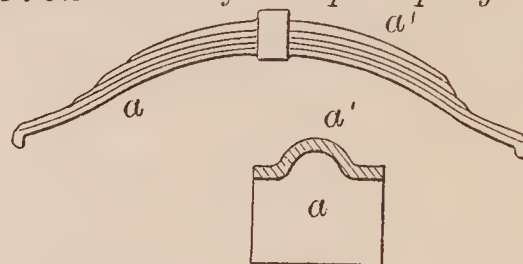
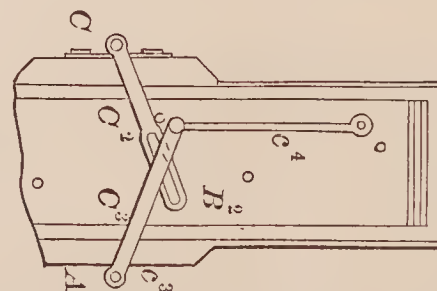
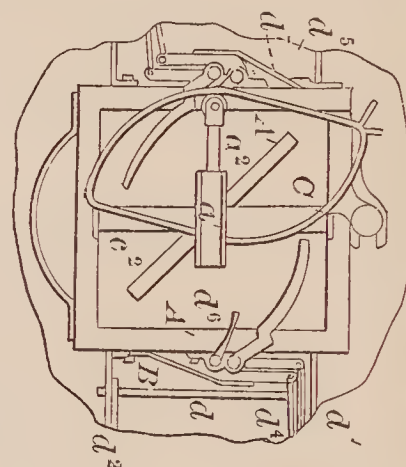
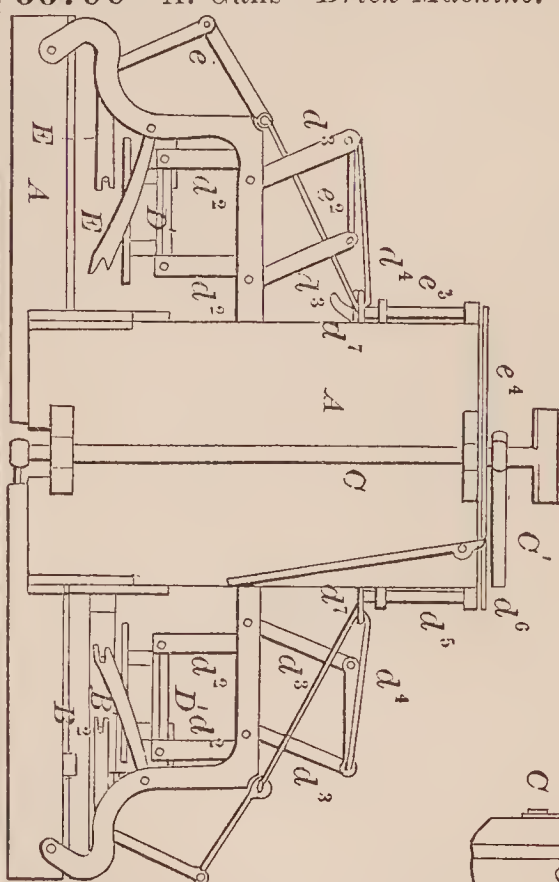
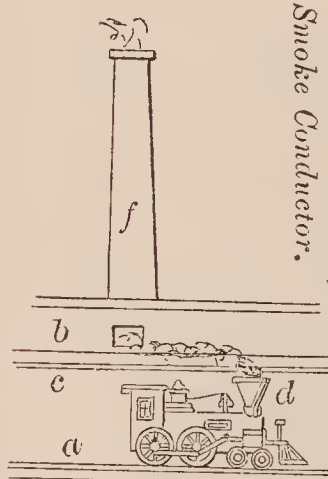
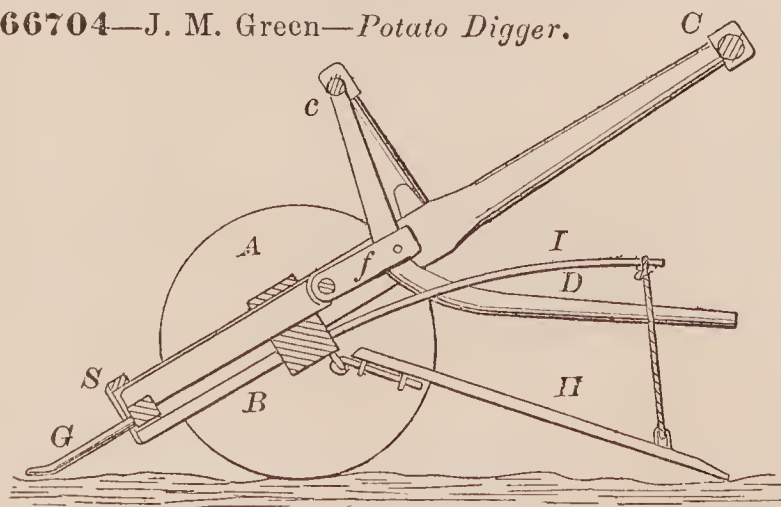
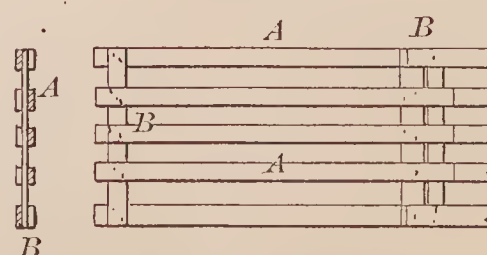


66697—J. Faye—*Propelling Hoops.*

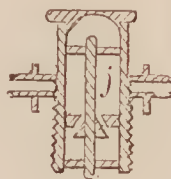
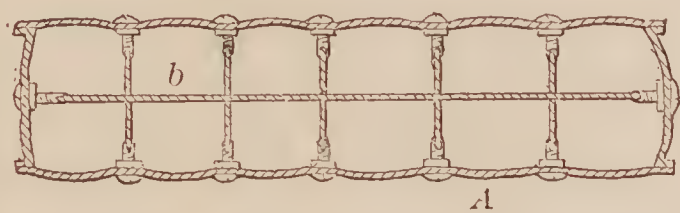


66698—R. W. Fisk—*Safety Pocket.*

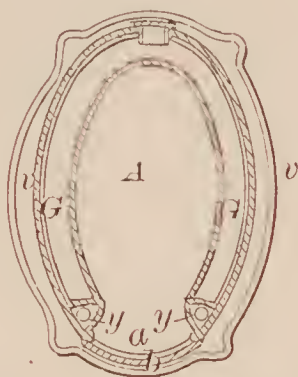
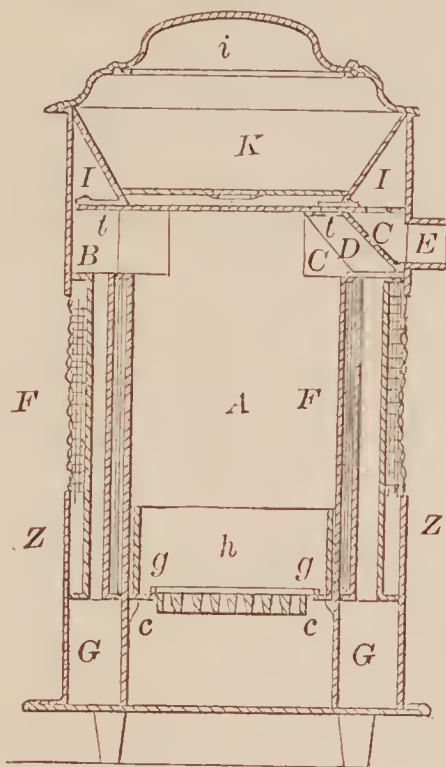


66699—C. W. Gage—*Hay Loader.*66701—J. Glenert—*Cask for Fermenting Wine.*66702—R. Gray—*Elliptic Spring.*66700—A. Gans—*Brick Machine.*66703—J. Greacen, Jr.—*Locomotive Smoke Conductor.*66704—J. M. Green—*Potato Digger.*66705—C. S. S. Griffing—*Portable Field Fence.*

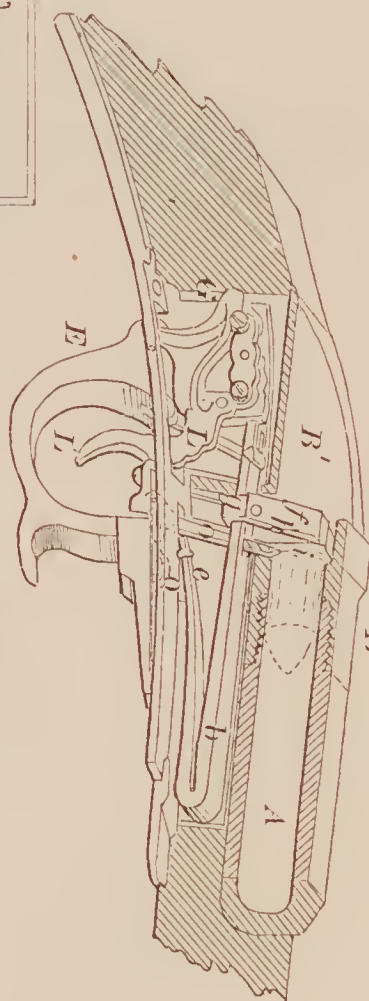
66706—J. R. Hamilton—*Air Bed.*



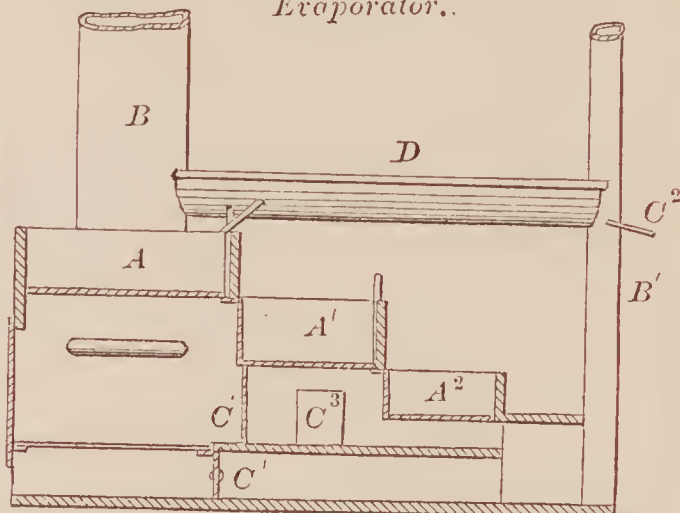
66707—J. L. Hanson—*Coal Store.*



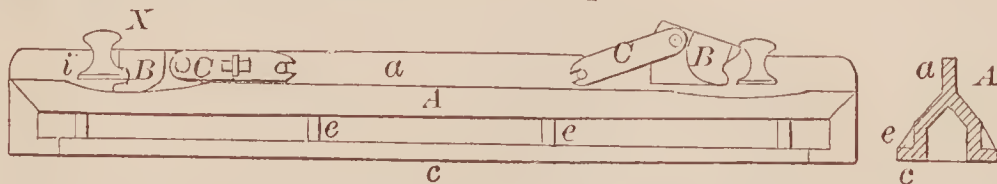
66709—A. J. H. Hilton—*Breech-Loading Fire Arm.*



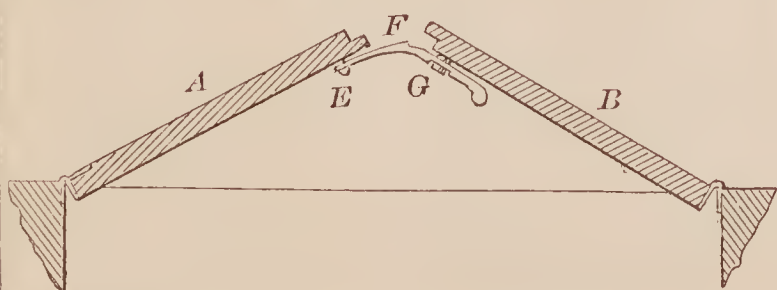
66708—W. H. Henderson—*Sorghum Evaporator.*



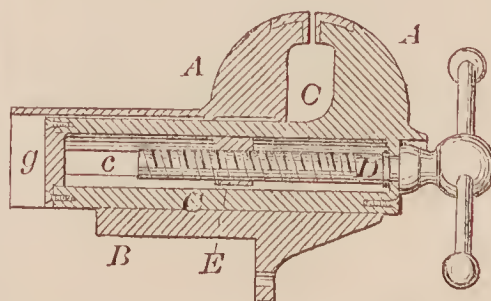
66711—R. M. Holland—*Railroad Chair and Sleeper.*



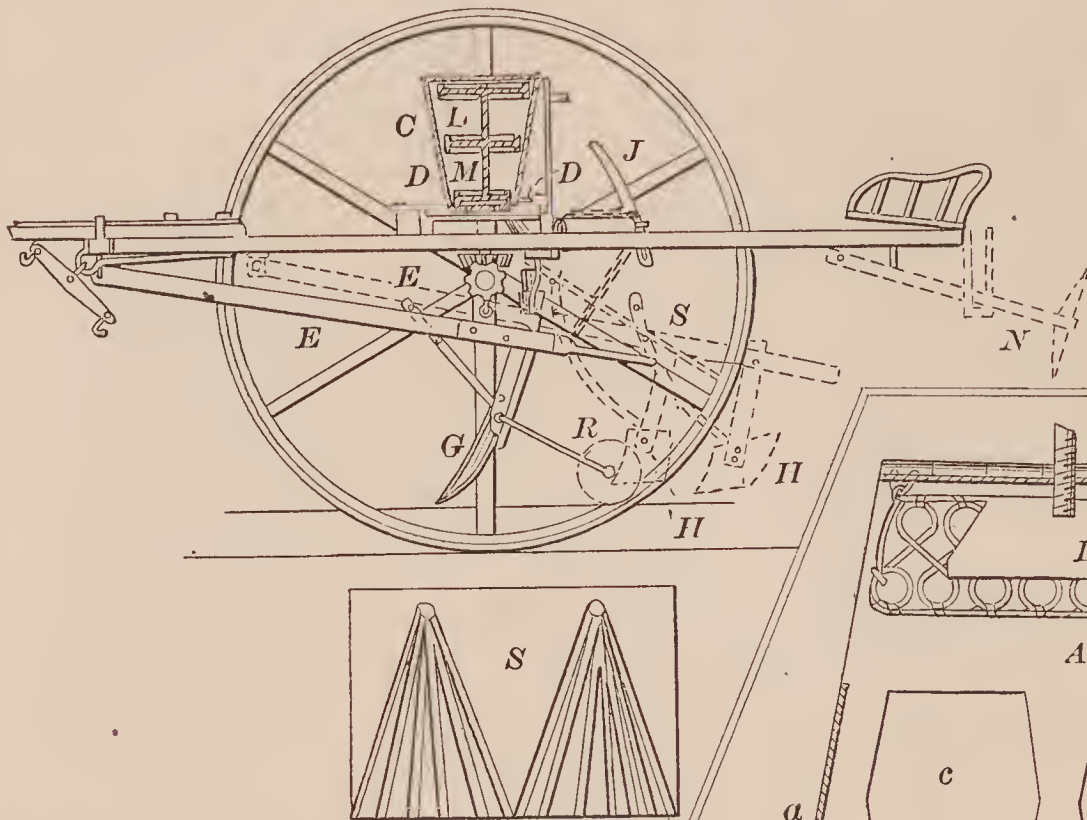
66710—W. F. Hofmann—*Window Shutter Holder.*



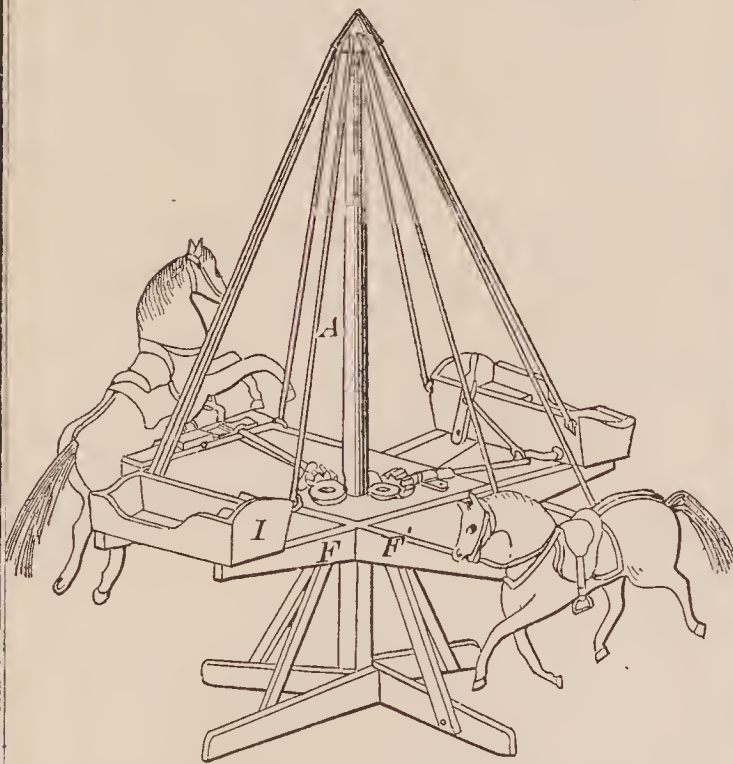
66712—A. Jameson—*Vise.*



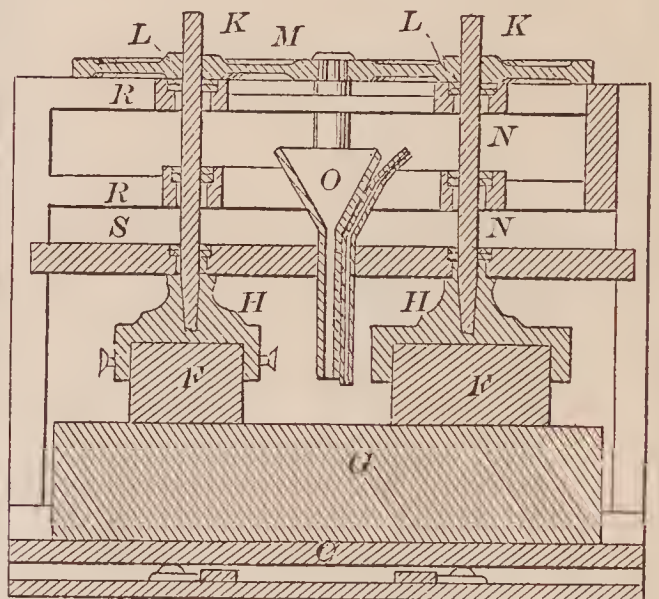
66713—J. Johnson—Cotton Seed Planter and Fertilizer Distributor.



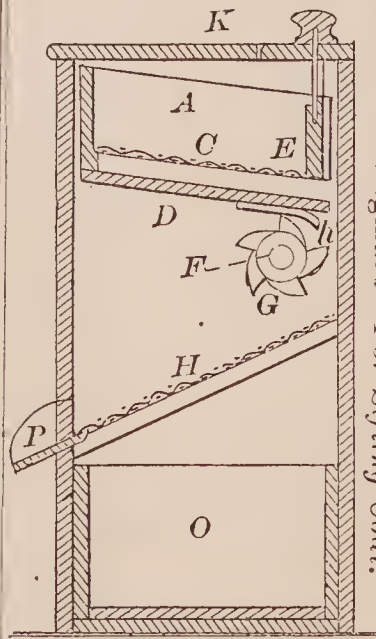
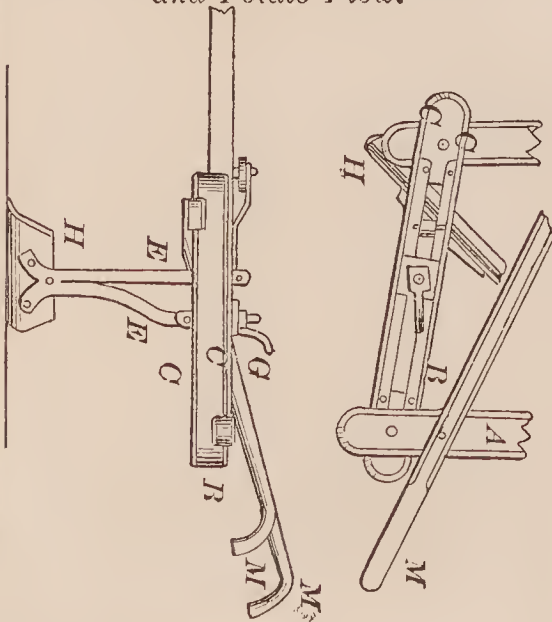
66714—F. H. Keeny—Roundabout Toy.



66716—F. L. King—For Dressing Stone.

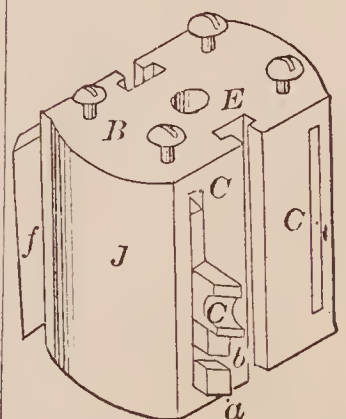


66717—J. Kurtz—Corn Cultivator and Potato Plow.

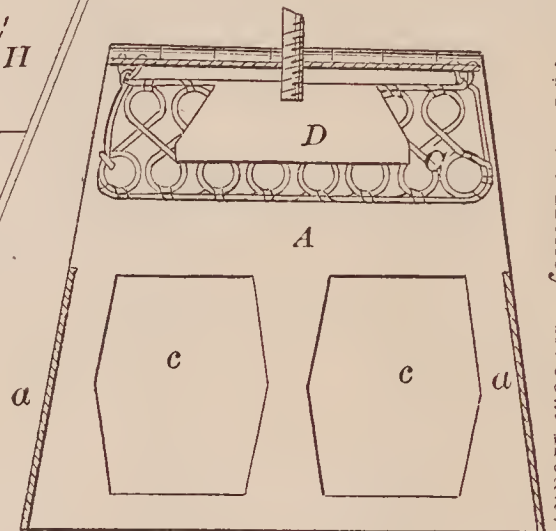


66718—S. Langmaid—For Sifting Coal.

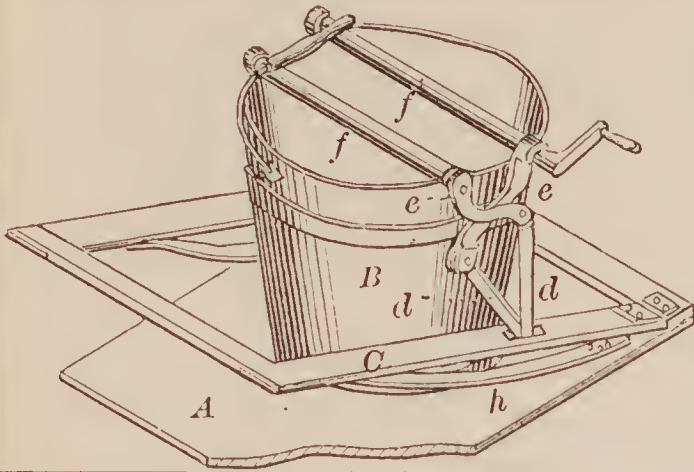
66719—H. A. Lee—Cutter Head for Planing Machines.



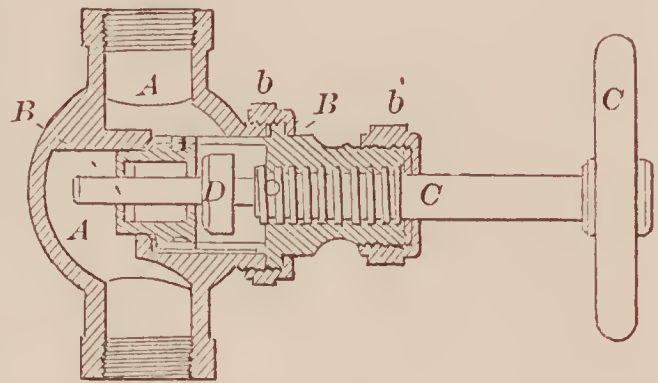
66715—E. Kelley—Broom Head.



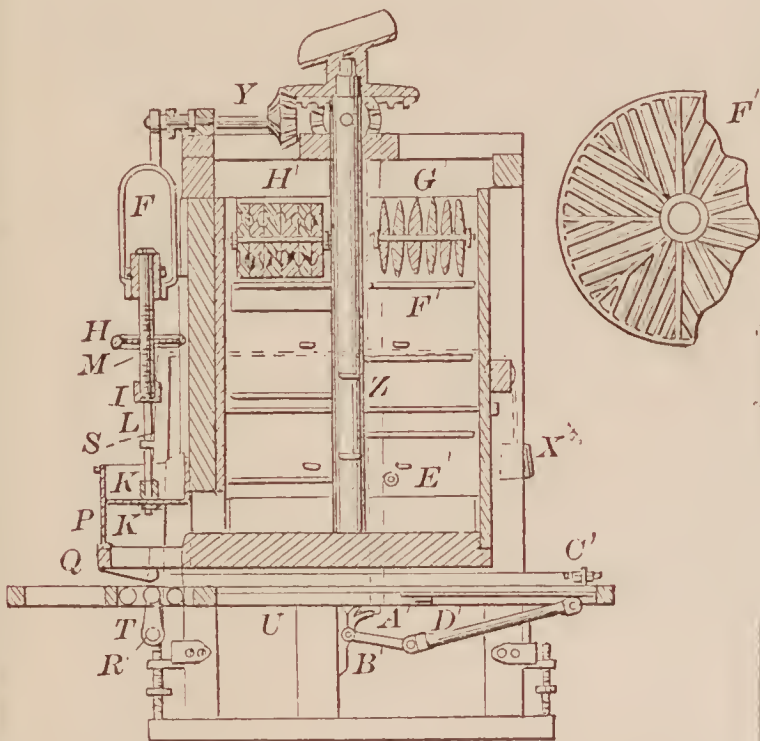
66720—A. S. Lesner—Mop Wringer.



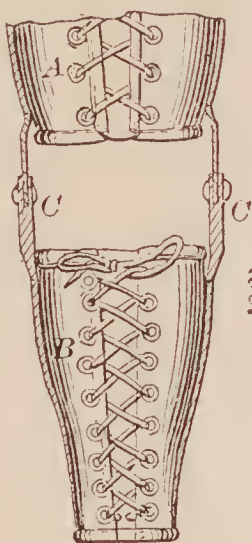
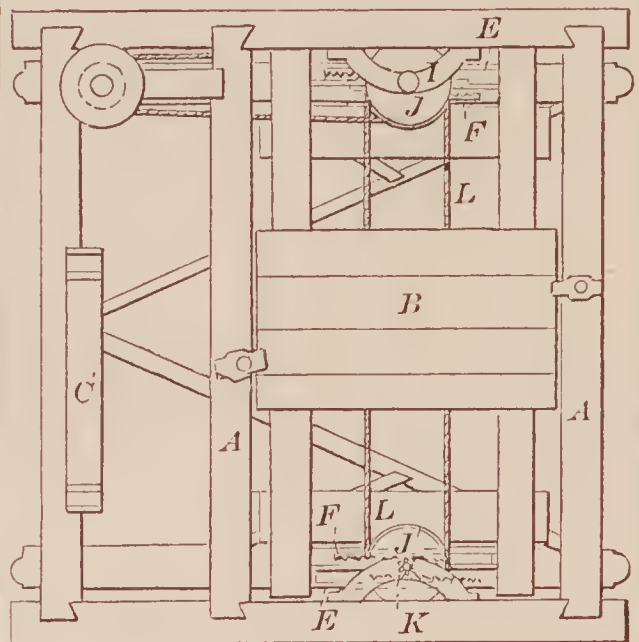
66724—Mayer & Ruppenthal—Globe Valve.



66723—G. Martin—Brick Machine.

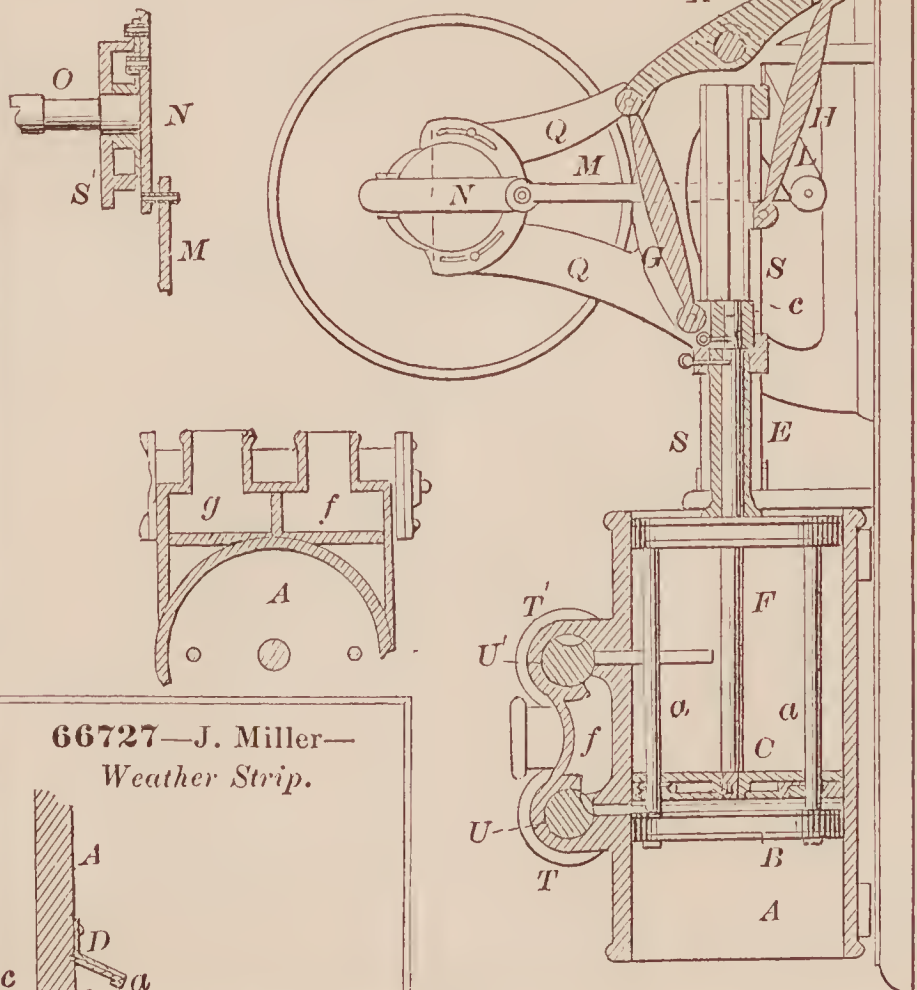


66722—C. C. Lyman—Platform Scale.

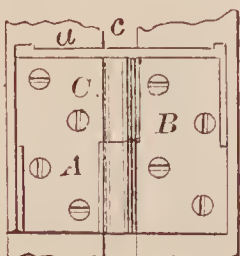


66728—J. Monroe—Lace for Knee Braces, etc.

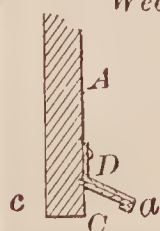
66721—H. O. Lothrop—Steam Engine.



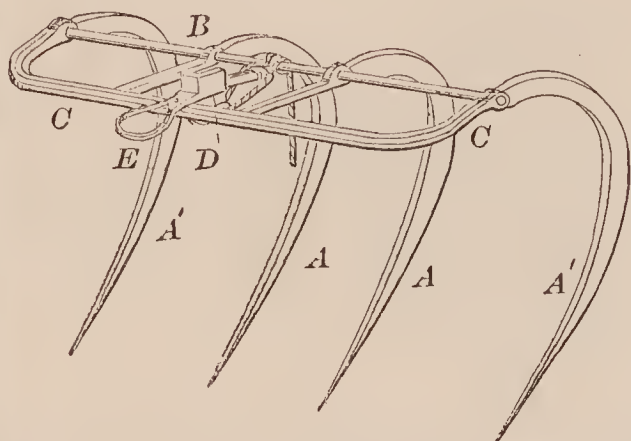
66729—G. R. Nebinger—Hinge.



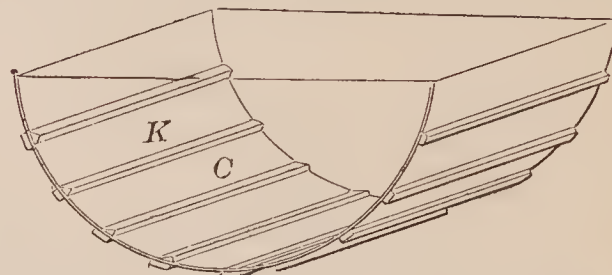
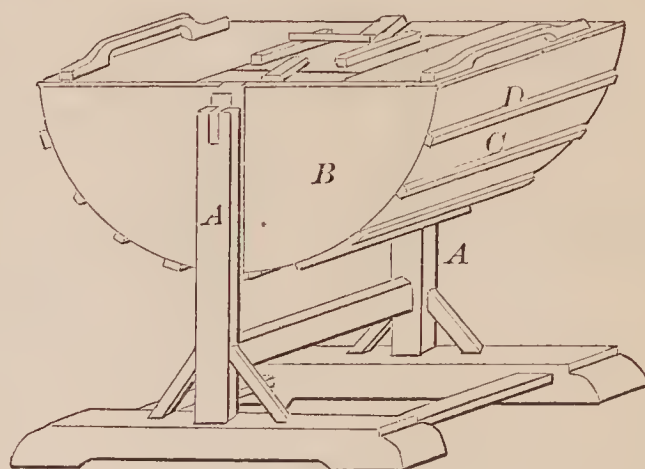
66727—J. Miller—Weather Strip.



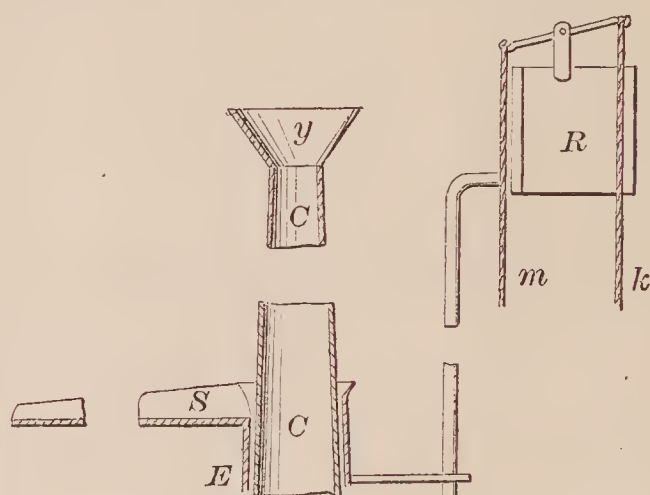
66730—D. F. Neikirk—*Horse Hay Fork.*



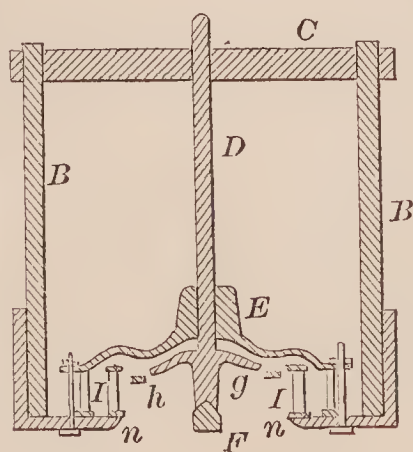
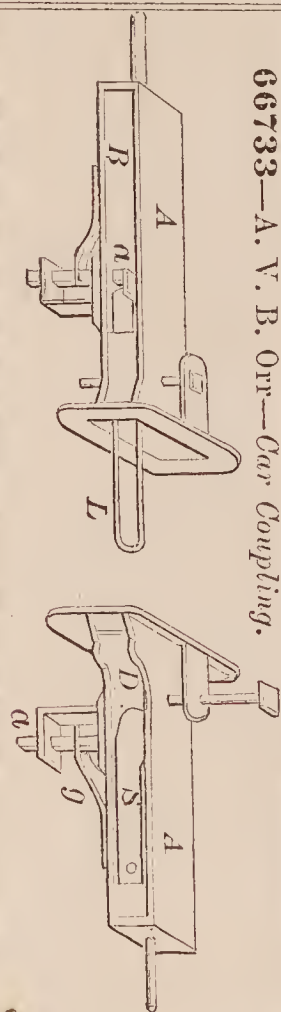
66731—I. P. Nissen—*Washing Machine.*



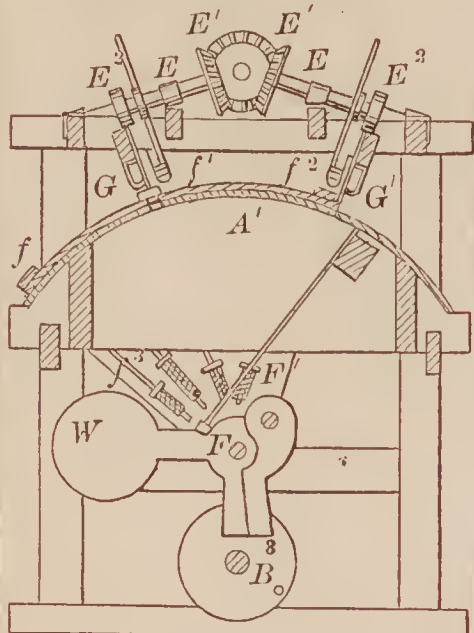
66736—I. F. Quinby—*Gold Washer.*



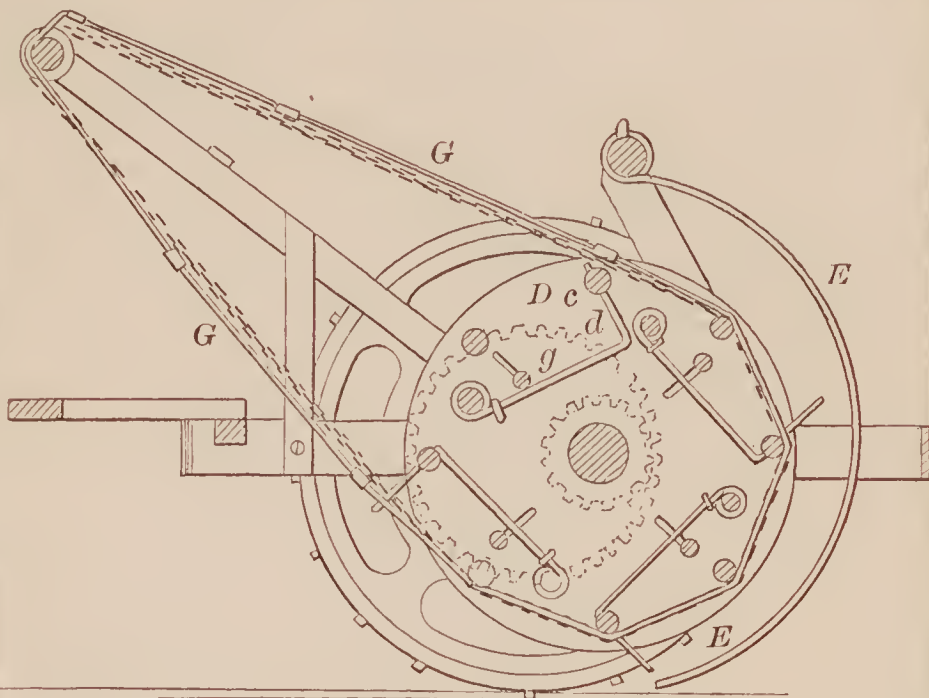
66735—F. Post—*Water Wheel.*

66733—A. V. B. Orr—*Car Coupling.*

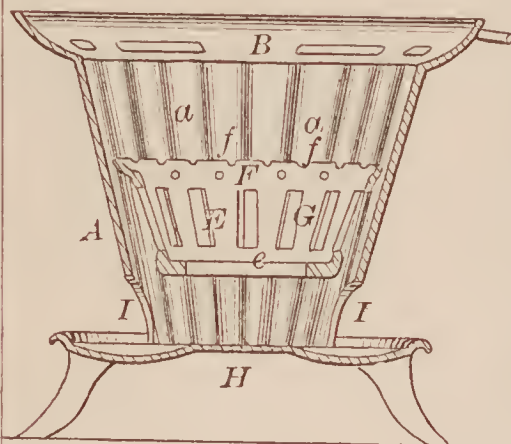
66737—M. Randolph—*Barrel Stave Jointer.*



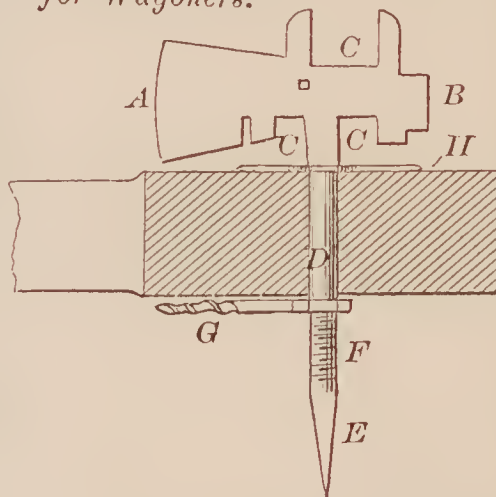
66741—Robinson & Springer—*Hay Rake and Loader.*



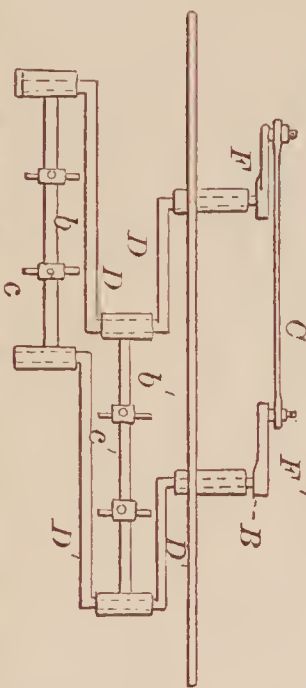
66738—A. J. Redway—*Charcoal Furnace.*



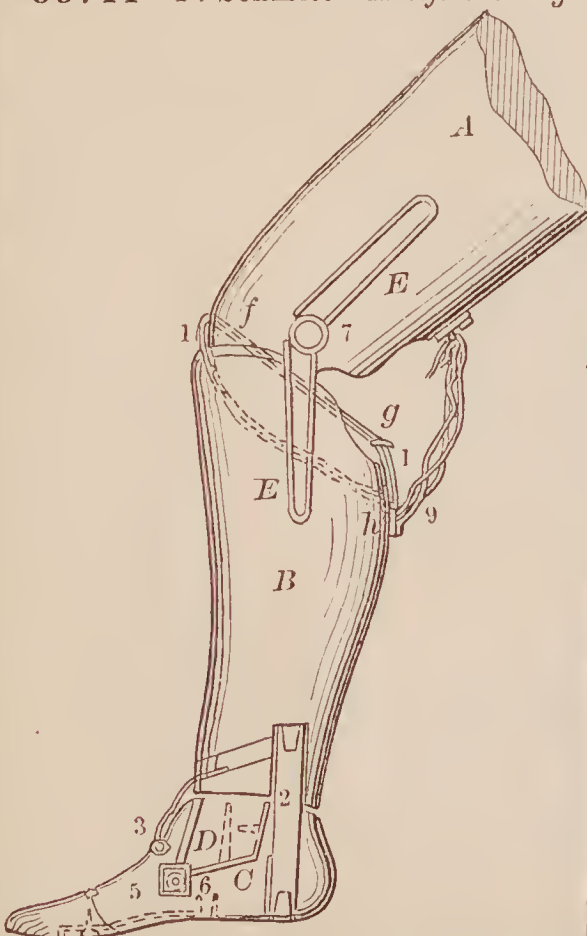
66739—J. Richards—*Implement for Wagoners.*



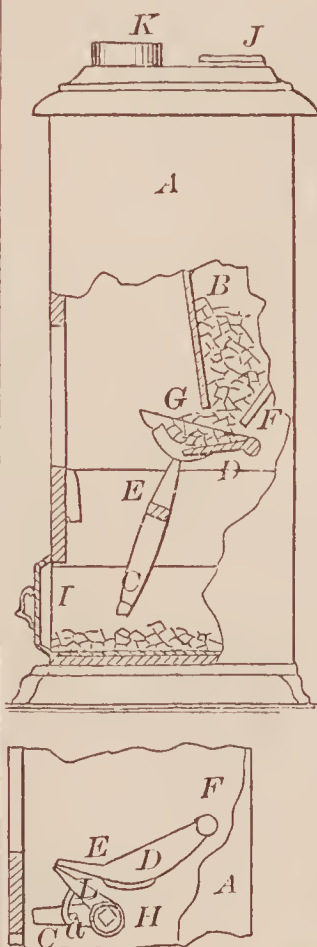
66742—H. Rolle—*Propeller.*



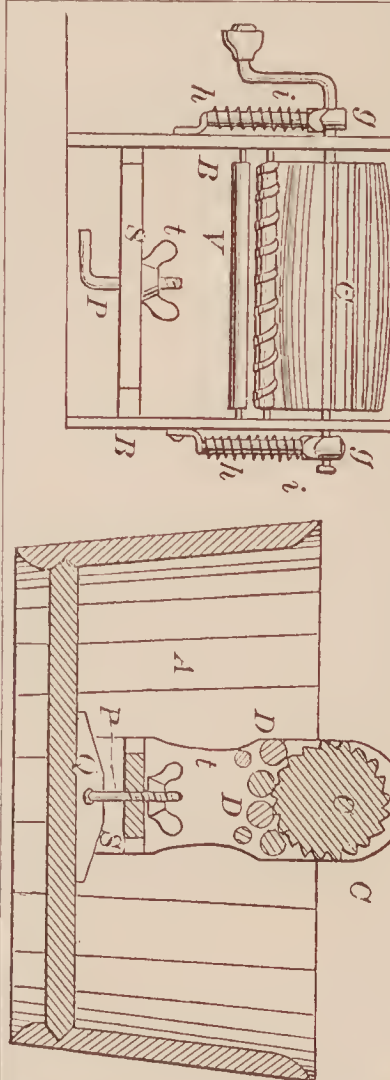
66744—F. Schmitt—*Artificial Leg.*

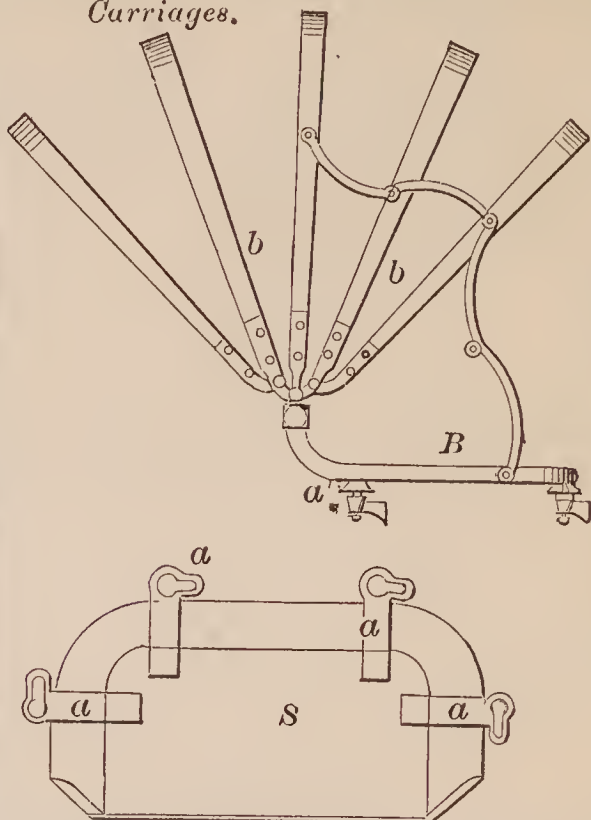
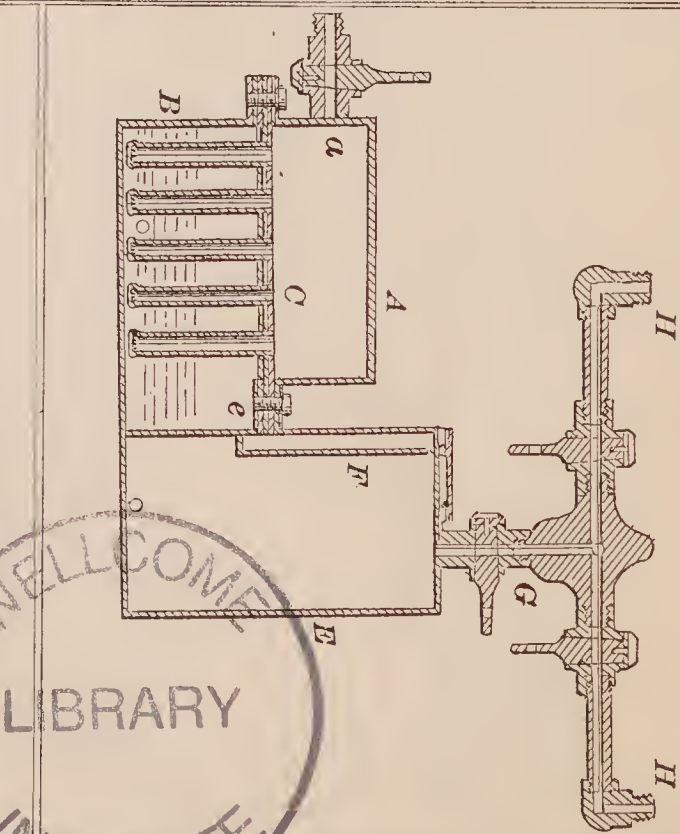
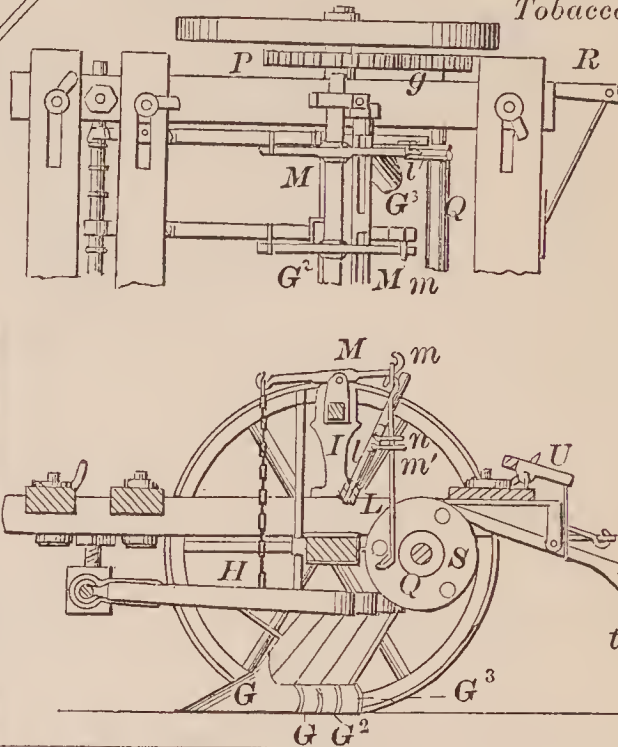
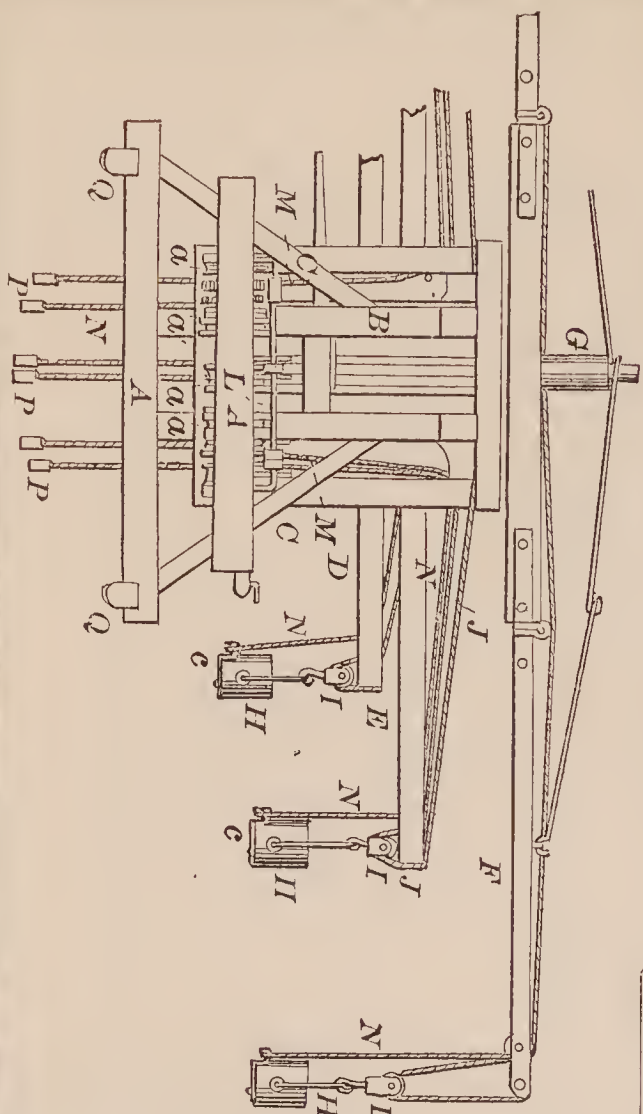
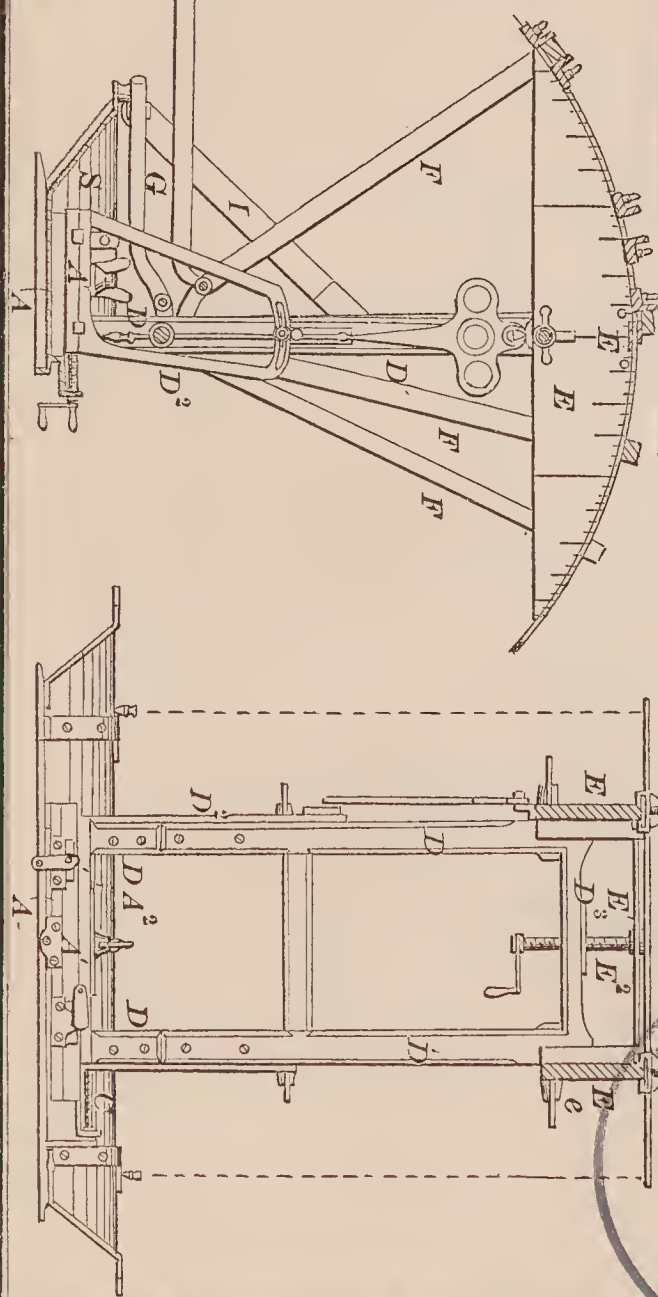


66743—J. J. Savage—*Store Urn.*



66740—M. A. Richardson—*Washing Machine.*



66746—A. Soursin—*Shifting Top for Carriages.*66748—J. L. Spencer—*Sulky Plow and Tobacco Hiller.*66749—Springer & McDonald—*For Carbureting Air.*66745—A. G. Smith—*Trenching and Hoisting Apparatus.*66747—A. Soursin—*For Adjusting Carriage Top Bows.*

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